



PYRN-Bib

Permafrost Young Researchers Network – Bibliography of Permafrost-Related Theses
(Version v3.2, 2008-06-13)

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PYRN website: <http://pyrn.ways.org>
PYRN-Bib website: <http://pyrn.ways.org/resources/pyrn-bib-permafrost-bibliography>

The bibliography should be cited as:

Grosse, G. & Lantuit, H. 2008. PYRN-Bib 3.2: The Permafrost Young Researchers Network Bibliography of Permafrost-Related Theses. <http://pyrn.ways.org>

Introduction

PYRN-Bib is a synthesizing international bibliographical database aiming at collecting and distributing information on all theses submitted for earning a scientific degree in permafrost-related research. PYRN-Bib is hosted by the Permafrost Young Researchers Network (<http://pyrn.ways.org>), an international network of early career students and young scientists in permafrost related research with currently 524 members (2008-05-19). PYRN-Bib is published under the patronage of the International Permafrost Association (IPA). We consider PYRN-Bib a fully educational project.

The specific goals of PYRN-Bib are

1. to generate a comprehensive database that includes all degree-earning theses (e.g. Diploma, Ph.D., Master, etc.), coming from any country and any scientific field, under the single condition that the thesis is strongly related to research on permafrost and/or periglacial processes.
2. to reference unique but buried sources of information including theses published in languages other than English.
3. to make the database widely available to the scientific community and the general public.
4. to solicit PYRN membership.
5. and to provide a mean to map the evolution of the nature of permafrost-related research over the last decades, including regional trends, shifts in research direction, and/or the place of permafrost research in society.

PYRN-Bib is available online and maintained by PYRN. Entries are provided by the PYRN-Bib manager, PYRN members and the scientific community. The most recent version of PYRN-Bib described in this document is v3.2 as of 13th June 2008.

- PYRN-Bib currently has 916 entries
- PYRN-Bib is available online: <http://pyrn.ways.org/resources/pyrn-bib-permafrost-bibliography>
- PYRN-Bib is offered in different file formats: tagged Endnote library, XML, BibTex, PDF
- PYRN-Bib is maintained by PYRN

Collection of references

The PYRN-Bib database is rapidly growing. We greatly acknowledge all PYRN members and authors that already have contributed their theses to PYRN-Bib. R. Frauenfelder, Ch. Siegert, and G. Grosse contributed a large number of references from personal collections. We further extracted and evaluated references piece by piece from a number of online databases. We searched the following online databases for theses using permafrost-related search terms (*permafrost, frozen ground, ground ice, patterned ground, pingo, palsa, frost heave, thermokarst, ice wedge, active layer, cryoturbation, rock glacier, thaw lake*):

AWI Potsdam EPIC database	ACD Bibliography v1.0
Bibliography on permafrost and periglacial processes and landforms of the southern hemisphere 2001 - IPA Southern Hemisphere WG	NSIDC Ground ice bibliography (ggd615_groundice_bib.txt)
BiblioLine Arctic & Antarctic Research Database	UAF Rasmuson / GI-IARC Library Database
BIBSYS online database	ASTIS online database
UMI Dissertations database	INSTAAR online database (1951-2004)
CRREL database	OCCL Online Computer Library Center
NSIDC online database	

We would like to thank those contributors and database providers!

Disclaimer

Inevitably, though checked individually piece by piece, some of the references may have partly lacking information (e.g. page numbers) or even wrong information. We apologize for the inexactness which is originating in our data sources and the inconveniences this might cause when using PYRN-Bib references as a source e.g. for ordering copies from libraries. A systematic correction is not feasible at this point considering the limited time and non-existing funding for this project. Many references were found in several of the above-mentioned libraries, and by incorporating all their information we usually generated a more complete picture of individual references. For every reference in PYRN-Bib the data sources are noted. For non-English references we either had the luck of an already translated title, or we had to translate ourselves with the help of numerous individuals (see acknowledgements). In some cases, these translations might not be 100% accurate. In the process of searching additional databases we will update previously incomplete references or erroneous information. We are more than happy to include any corrections sent to us.

Submission of references

Large collections of dissertation references (in any database or non-database format) can be submitted at once by contacting us before hand (Guido Grosse, ggrosse@gi.alaska.edu). PYRN-Bib is primarily dependent on member submissions and encourages PYRN members as well as senior researchers in the permafrost-related sciences to contribute to the bibliography project.

In particular, we encourage members to perform a simple search at their university library for the search terms '*permafrost*' + '*thesis*' and '*frozen ground*' + '*thesis*' or other closely permafrost-related terms (in English and/or your own your language). Small contributions have proven to fill in gaps in the PYRN-Bib database and we welcome any initiative to collect more information.

Statistics

The current version of the database does probably reflect only partially the nature, the geographical representation, and/or the languages of permafrost research over the past sixty years. Currently, a large number of references come from countries we have easy access to libraries (USA, Germany, Canada, Switzerland; Fig. 2). Although these numbers indicate a generally high quantity of permafrost-relevant theses produced in these countries and thus their high interest in permafrost-related research, they can not be reasonably compared with other countries where reference acquisitions were limited so far. We expect greater numbers in other parts of the world, in particular where permafrost research has a long-standing tradition (e.g. Russia, Scandinavia, and China). The biased geographical representation and/or lack of comprehensiveness are sometimes due the poor online accessibility to university libraries or availability of references in non-English languages only. Furthermore, this bibliography is very young – We are in an ongoing process of acquisitions. In that sense, PYRN-Bib is dramatically dependent on the involvement of PYRN members which can reach out to, contact, and collect missing references from libraries. We hope that PYRN members will actively help with the acquisition of missing references, especially in the non-English language realms, and if necessary their translation.

Data Quality

We consider that the terms '*country*' and '*language*' are generally very reliable (Fig. 1 + 2). The term '*year*' (Fig. 3) is reliable with a few exceptions where we noted discrepancies of up to one year between different data sources. These references are marked with a note in their online metadata. For the term '*type of thesis*' (Fig. 4) some errors are introduced by our lacking control of renaming habits for theses degrees. Very often thesis degrees are simply renamed without our knowledge by the authors themselves or by the libraries for better comparison with the Anglo-American degree system consisting of Bachelor, Master and Ph.D.

In the PYRN-Bib database doctoral dissertations mostly are referred to as Ph.D. instead of its original Dr. rer. nat. or other similar degree. Analogous, Diploma theses are often referred to as M.Sc. As a rough guideline, we might equalize various thesis types (Tab. 1). Not every time we can trace back the original thesis type, especially since some countries (e.g. Germany) offer degrees in both Diploma and M.Sc. depending on the degree-granting university since several years.

Guido Grosse
Fairbanks, June 2008

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Potsdam, June 2008

Table 1: Rough guide for the degree systems

Degree system	Undergraduate		Graduate	Postdoctoral
Anglo-American	B.Sc.	M.Sc.	Ph.D.	-
German, Swiss	Pre-Diploma / B.Sc.	Diploma / Magister / M.Sc.	Dr. rer. nat.	Habilitation
Russian	Bakalavr	Diploma / Magistr	Kandidat Nauk	Doktor Nauk

Acknowledgements

We would like to thank all PYRN members and authors who have contributed to PYRN-Bib. We specifically would like to thank the following contributors for their general support, their contribution of larger datasets, and their help with translations into English from Russian, Norwegian, and German:

In alphabetical order: Christine Siegert (AWI Potsdam), Jerry Brown (IPA), Regula Frauenfelder (University of Oslo), Alexander Kholodov (University of Alaska Fairbanks), Anne Morgenstern (AWI Potsdam), Sebastian Wetterich (AWI Potsdam), Håvard Juliussen (UNIS Svalbard), Lars Ganzert (AWI Potsdam), and Ross Goodwin (ASTIS).

Citation Style

Blanco example:

Author (Year). English title. [Original title]. Thesis type, University, City, Country. Pages (Language).

English language reference:

Adams, B. (1998). Contaminant movement in frost-affected soils. [Original: Contaminant movement in frost-affected soils]. MA Thesis, Carleton University, Ottawa, Canada. 88 pp. (in English).

Non-English language reference with translated English title and transcribed original title:

Are, F.E. (1979). Coastal thermoerosion. [Original: Termoabraziya beregov]. Avtoreferat doktorskoy dissertatsii Thesis, Moscow State University, Moscow, Russia. 37 pp. (in Russian).

Non-English language reference with translated English title and original title:

Kunitsky, V.V. (2007). Nival lithogenesis and Ice Complex on the territory of Yakutia. [Original: Нивальный литогенез и ледовый комплекс на территории Якутии]. Doktor geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian)

N = 916 (as of 2008-06-13)

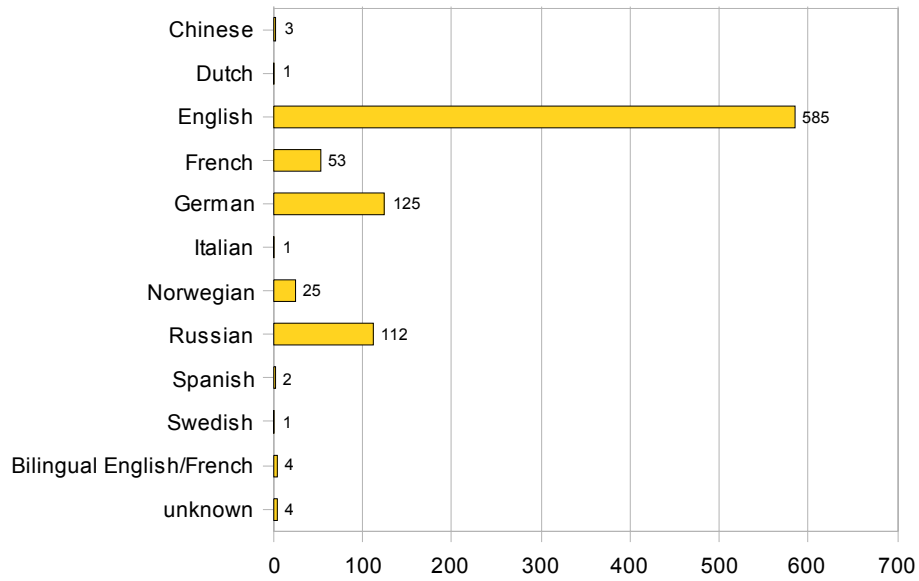


Fig. 1: Permafrost theses in PYRN-Bib by language

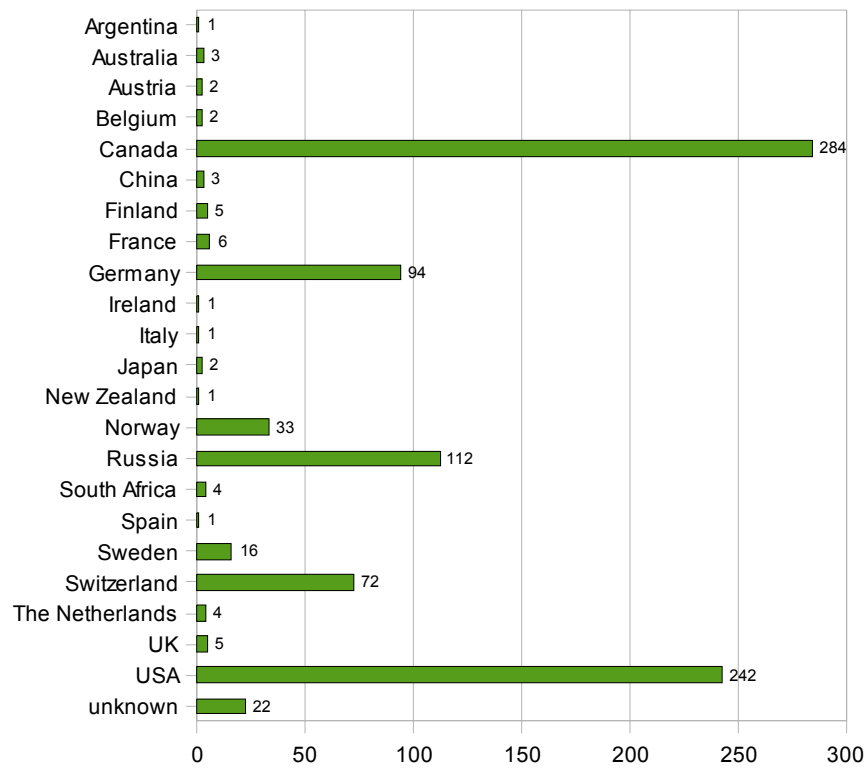


Fig. 2: Number of theses in PYRN-Bib by country of publication

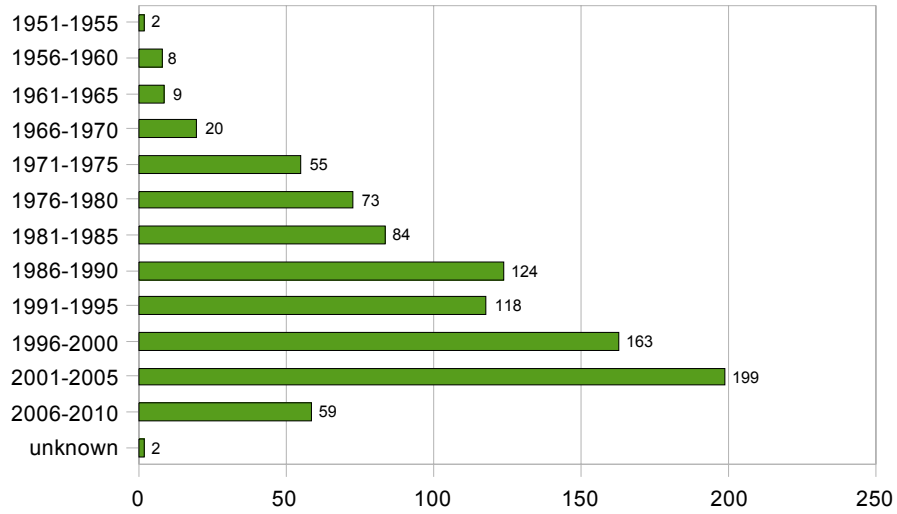


Fig. 3: Permafrost theses in PYRN-Bib by period of publication

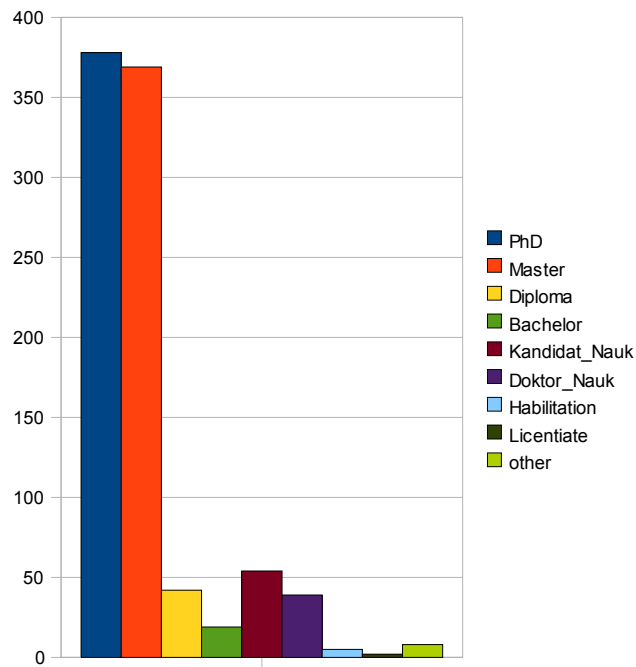


Fig. 4: Number of Permafrost theses in PYRN-Bib by type

1. Adalan, G. (1969). A study on the rheology of frozen soils. [Original: A study on the rheology of frozen soils]. M.Sc. Thesis, McGill University, Montreal, Canada. 147 pp. (in English).
2. Adams, B. (1998). Contaminant movement in frost-affected soils. [Original: Contaminant movement in frost-affected soils]. M.A. Thesis, Carleton University, Ottawa, Canada. 88 pp. (in English).
3. Adhikari, H. (2005). Survivability of total coliforms in freezing and frozen soils. [Original: Survivability of total coliforms in freezing and frozen soils]. M.Sc. Thesis, Dept. of Civil and Environmental Engineering, University of Alaska Fairbanks, Fairbanks, USA. 73 pp. (in English).
4. Åhman, R. (1977). Palsas in northern Norway: a study of morphology, distribution and climatic limitations of palsas in Finnmark and Troms. [Original: Palsar i Nordnorge: en studie av palsars morfologi, utbredning och klimatiska förutsättningar i Finnmarks och Troms fylke]. Ph.D. Thesis, Department of Geography, Lund University, Lund, Sweden. 165 pp. (in Swedish).
5. Ahumada, A.L. (1987). Cryogenetic and mineralogic processes. [Original: Procesos Criogenéticos y Mineralógicos]. Ph.D. Thesis, Facultad de Ciencias Naturales e Instituto Miguel Lillo, Universidad Nacional de Tucumán, San Miguel de Tucumán, Argentina. 208 pp. (in Spanish).
6. Alawi, M. (2007). Diversity of nitrite-oxidizing bacteria in north Siberian permafrost soils and sediments of the Laptev Sea. [Original: Diversität Nitrit-oxidierender Bakterien in Böden des nordsibirischen Permafrostes und Sedimenten der Laptev-See]. Ph.D. Thesis, University of Hamburg, Hamburg, Germany. pp. (in German).
7. Alekseeva, O.I. (1988). Creation and improvement of anti-filtration frozen curtains. [Original: Создание и совершенствование противofiltrационных мерзлотных завес]. Kandidat technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
8. Alfano, M.J. (2001). Modeling European vegetation and permafrost during Oxygen Isotope Stage three. [Original: Modeling European vegetation and permafrost during Oxygen Isotope Stage three]. M.Sc. Thesis, Pennsylvania State University, State College, USA. 101 pp. (in English).
9. Alkire, B.D. (1973). Mechanical properties of sand-ice materials. [Original: Mechanical properties of sand-ice materials]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 197 pp. (in English).
10. Allan, R.J. (1969). Clay mineralogy and geochemistry of soils and sediments with permafrost in interior Alaska. [Original: Clay mineralogy and geochemistry of soils and sediments with permafrost in interior Alaska]. Ph.D. Thesis, Dartmouth College, Hanover, USA. 289 pp. (in English).
11. Allen, D.M. (1988). The permafrost regime in the Mackenzie Delta-Beaufort Sea region, NWT and its paleoclimatic implications. [Original: The permafrost regime in the Mackenzie Delta-Beaufort Sea region, NWT and its paleoclimatic implications]. M.Sc. Thesis, Carleton University, Ottawa, Canada. 154 pp. (in English).
12. Al-Moussawi, H.M. (1988). Thermal contraction and crack formation in frozen soil. [Original: Thermal contraction and crack formation in frozen soil]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 243 pp. (in English).
13. Alwahhab, M.R.M. (1983). Bond and slip of steel bars in frozen sand. [Original: Bond and slip of steel bars in frozen sand]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 361 pp. (in English).
14. An, V.V. (1987). Permafrost in Baikal type basins within the BAM zone. [Original: Многолетнемерзлые горные породы впадин байкальского типа в зоне БАМа]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
15. An, W. (1998). Palsa formation: mathematical modelling and field information. [Original: Palsa formation: mathematical modelling and field information]. Ph.D. Thesis, Universite Laval, Quebec, Canada. 221 pp. (in English).
16. Andersen, D.T. (2004). Perennial springs in the Canadian High Arctic: analogues of Martian hydrothermal systems. [Original: Perennial springs in the Canadian High Arctic: analogues of Martian hydrothermal systems]. Ph.D. Thesis, McGill University, Montreal, Canada. 163 pp. (in

- English).
17. Andersen, G.R. (1991). Physical Mechanisms Controlling the Strength and Deformation Behavior of Frozen Sand. [Original: Physical Mechanisms Controlling the Strength and Deformation Behavior of Frozen Sand]. Ph.D. Thesis, Massachusetts Institute of Technology, Cambridge, USA. 560 pp. (in English).
 18. Andersen, S. (2005). A Model of Soil Organic Matter Quality under Anaerobic Conditions in Arctic and Subarctic Soils. [Original: A Model of Soil Organic Matter Quality under Anaerobic Conditions in Arctic and Subarctic Soils]. M.Sc. Thesis, Institute of Northern Engineering, WERC, University of Alaska Fairbanks, Fairbanks, USA. 112 pp. (in English).
 19. Anisimova, N.P. (1985). Hydrogeochemical regularities of the cryolithozone. [Original: Гидрогеохимические закономерности криолитозоны]. Doktor geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 20. Are, A.L. (1975). The snow cover of Central Yakutia and specific features of its solar radiation and hydrothermal budget (regime). [Original: Снежный покров Центральной Якутии и особенности его радиационного и гидротермического режима]. Kandidat geographicheskikh nauk Thesis, Faculty of Geography, Leningrad State University, Leningrad, Russia. pp. (in Russian).
 21. Are, F.E. (1979). Coastal thermoerosion. [Original: Termoabraziya beregov]. Avtoreferat doktorskoy dissertatsii Thesis, Moscow State University, Moscow, Russia. 37 pp. (in Russian).
 22. Arenson, L.U. (2002). Unstable alpine permafrost: a potentially important natural hazard - Variations of geotechnical behaviour with time and temperature. [Original: Unstable alpine permafrost: a potentially important natural hazard - Variations of geotechnical behaviour with time and temperature]. Ph.D. Thesis, Institute for Geotechnical Engineering, ETH Zurich, Zurich, Switzerland. 271 pp. (in English).
 23. Arians, A.E. (1997). The impact of flood frequency, permafrost distribution, and climate variation on a northern treeline floodplain in Alaska. [Original: The impact of flood frequency, permafrost distribution, and climate variation on a northern treeline floodplain in Alaska]. Ph.D. Thesis, University of Colorado, Boulder, USA. 112 pp. (in English).
 24. Arlen-Pouliot, Y. (2003). Holocene evolution of a palsa peat bog, Kuujjuarapik, northern Québec. [Original: Évolution holocène d'une tourbière à paises, Kuujjuarapik, Québec nordique]. M.Sc. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 58 pp. (in French).
 25. Arndt, J.L. (1995). Hydrology and soil interactions in drained and undrained wetlands in the glaciated northern prairie, North Dakota. [Original: Hydrology and soil interactions in drained and undrained wetlands in the glaciated northern prairie, North Dakota]. Ph.D. Thesis, North Dakota State University of Agriculture and Applied Science, Fargo, USA. 283 pp. (in English).
 26. Arseneault, D. (1996). Dendroecological analysis of woody macroremains preserved in subarctic peat bogs. [Original: Analyse dendroécologique des macrorestes ligneux préservés des tourbières subarctiques]. Ph.D. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 97 pp. (in French).
 27. Arvidson, W.D. (1973). Water flow induced by soil freezing. [Original: Water flow induced by soil freezing]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 213 pp. (in English).
 28. Autier, V. (2002). Predicting contaminant transport pathways in the Caribou-Poker Creek Research Watershed. [Original: Predicting contaminant transport pathways in the Caribou-Poker Creek Research Watershed]. M.Sc. Thesis, Water and Environmental Research Center, University of Alaska Fairbanks, Fairbanks, USA. 81 pp. (in English).
 29. Baker, G.C. (1983). The use of electro-osmotic dewatering procedures and soil chemical treatment in frost heave prevention. [Original: The use of electro-osmotic dewatering procedures and soil chemical treatment in frost heave prevention]. M.Sc. Thesis, School of Mineral Engineering, University of Alaska Fairbanks, Fairbanks, USA. 165 pp. (in English).
 30. Baker, G.C. (1987). Salt redistribution during freezing of saline sand columns with applications to subsea permafrost. [Original: Salt redistribution during freezing of saline sand columns with applications to subsea permafrost]. Ph.D. Thesis, University of Alaska Fairbanks, Fairbanks,

- USA. 248 pp. (in English).
31. Baker, T.H.W. (1976). Compressive strength of some frozen soils. [Original: Compressive strength of some frozen soils]. M.Sc. Thesis, Queen's University, Kingston, Canada. 245 pp. (in English).
 32. Balobayev, V.T. (1989). Geothermal conditions of the frozen lithosphere zone of North Asia. [Original: Геотермия мерзлой зоны литосферы севера Азии]. Doktor geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 33. Banzekina, T.V. (2003). Characteristics of the hydrothermal regime of the active layer in coarse debris slope sediments during spring-summer period (case study Verkhnekolymsk uplands). [Original: Особенности гидротермического режима слоя сезонного протаивания крупнообломочных склоновых отложений в весенне-летний период (на примере Верхнеколымского нагорья)]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 34. Barringer, J.R.F. (1986). Soil erosion in relation to snowline in the Remarkables, central Otago. [Original: Soil erosion in relation to snowline in the Remarkables, central Otago]. Master's Thesis, pp. (in English).
 35. Barry, P. (1992). Ground ice characteristics in permafrost on the Fosheim Peninsula, Ellesmere Island, N.W.T.: A study utilizing ground probing radar and geomorphological techniques. [Original: Ground ice characteristics in permafrost on the Fosheim Peninsula, Ellesmere Island, N.W.T.: A study utilizing ground probing radar and geomorphological techniques]. MSc Thesis, McGill University, Montréal, Canada. 147 pp. (in English).
 36. Bartsch, A. (2003). GIS and remote sensing techniques for the identification of sediment transport process areas in subarctic alpine environments. [Original: GIS and remote sensing techniques for the identification of sediment transport process areas in subarctic alpine environments]. Ph.D. Thesis, Department of Geography, University of Reading, Reading, UK. pp. (in English).
 37. Bauer, I.E. (2002). Internal and external controls over Holocene peatland development in boreal western Canada. [Original: Internal and external controls over Holocene peatland development in boreal western Canada]. Ph.D. Thesis, University of Alberta, Edmonton, Canada. 242 pp. (in English).
 38. Beaulieu, N. (1997). Evolution of a subarctic shore under glacio-isostatic rebound. [Original: Évolution d'un rivage subarctique soumis au relèvement glacio-isostatique, détroit de Manitousuk, Hudsonie]. M.A. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 165 pp. (in French).
 39. Becker, H. (1997). Investigation of biomass in typical soil-vegetation complexes at permafrost sites in the Lake Levingson-Lessing area, Siberia. [Original: Untersuchung zur Biomasse typischer Boden-Vegetations-Komplexe von Pemafroststandorten des Levinson-Lessing-See-Gebietes / Sibirien]. Diploma Thesis, Institute of Soil Sciences, University of Hamburg, Hamburg, Germany. pp. (in German).
 40. Becker, P. (1995). The effect of Arctic River hydrological cycles on Arctic Ocean circulation. [Original: The effect of Arctic River hydrological cycles on Arctic Ocean circulation]. Ph.D. Thesis, Old Dominion University, Norfolk, USA. 203 pp. (in English).
 41. Bednarski, J.M. (1979). Holocene glacial and periglacial environments in the Whistlers Creek Valley, Jasper National Park. [Original: Holocene glacial and periglacial environments in the Whistlers Creek Valley, Jasper National Park]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. pp. (in English).
 42. Beget, J.E. (1977). Stratigraphy and sedimentology of three permafrost cores from New Harbor, South Victoria Land, Antarctica. [Original: Stratigraphy and sedimentology of three permafrost cores from New Harbor, South Victoria Land, Antarctica]. M.Sc. Thesis, University of Washington, Seattle, USA. 52 pp. (in English).
 43. Behling, R.E. (1971). Pedological development on moraines of the Meserve Glacier, Antarctica.

- [Original: Pedological development on moraines of the Meserve Glacier, Antarctica]. Thesis, Ohio State University, Columbus, USA. 216 pp. (in English).
44. Beilman, D.W. (2001). Localized permafrost peatlands in boreal western Canada: distributions, plant communities and peatland development. [Original: Localized permafrost peatlands in boreal western Canada: distributions, plant communities and peatland development]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 119 pp. (in English).
 45. Berdichevskii, Y.V. (1990). Investigation of surface foundation and frozen ground interaction. [Original: Исследование взаимодействия поверхностных фундаментов на подсыпных с вечномёрзлыми грунтами основания]. Kandidat technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 46. Berg, R.L. (1973). Thermoinsulating media within embankments on perennially frozen soil. [Original: Thermoinsulating media within embankments on perennially frozen soil]. Ph.D. Thesis, Dept. of Civil Engineering, University of Alaska Fairbanks, Fairbanks, USA. 186 pp. (in English).
 47. Berggren, A.-L. (1983). Engineering Creep Models for Frozen Soil Behaviour. [Original: Engineering Creep Models for Frozen Soil Behaviour]. Ph.D. Thesis, Institute for Geotechnics, NTNU, Trondheim, Norway. 357 pp. (in English).
 48. Bergholz, P.W. (2007). The psychrophilic response to growth at cold temperatures: Functional genomics of the permafrost bacterium *Psychrobacter arcticus* 273-4. [Original: The psychrophilic response to growth at cold temperatures: Functional genomics of the permafrost bacterium *Psychrobacter arcticus* 273-4]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 150 pp. (in English).
 49. Bergsma, B.M. (1986). The effect of low temperature and continuous photoperiod on the growth of the potato (*Solanum tuberosum*) in the High and Mid Arctic Northwest Territories, Canada. [Original: The effect of low temperature and continuous photoperiod on the growth of the potato (*Solanum tuberosum*) in the High and Mid Arctic Northwest Territories, Canada]. MSc Thesis, Dept. of Botany, University of Toronto, Toronto, Canada. 204 pp. (in English).
 50. Bernhard, L. (1996). Modeling of snow surface melt in GIS under consideration of insolation and relief. [Original: Modellierung der Ausaperung der Schneedecke mit GIS in Abhängigkeit der Strahlung und des Reliefs]. MSc Thesis, Mathematisch-Naturwissenschaftliche Fakultät, Geographisches Institut, University of Zürich, Zürich, Switzerland. 78 pp. (in German).
 51. Bernier, J. (1967). Weather, ice and shores of an Arctic lake: The Lake Payne. [Original: Temps, glaces et rives d'un lac arctique : le lac (de) Payne]. M.A. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 127 pp. (in French).
 52. Berntsen, G. (1993). Reduction of bearing capacity during spring thaw. [Original: Reduksjon av bæreevnen under telelosningen]. Ph.D. Thesis, NTNU, Trondheim, Norway. pp. (in Norwegian).
 53. Berta, S.M. (1986). The characteristics and distribution of stone stripes on the Blanca Massif, Colorado. [Original: The characteristics and distribution of stone stripes on the Blanca Massif, Colorado]. Ph.D. Thesis, University of Oklahoma, Norman, USA. 159 pp. (in English).
 54. Berthling, I. (2001). Slow periglacial mass wasting - processes and geomorphological impact. Case studies from Finse, southern Norway and Prins Karls Forland, Svalbard. [Original: Slow periglacial mass wasting - processes and geomorphological impact. Case studies from Finse, southern Norway and Prins Karls Forland, Svalbard]. PhD Thesis, Faculty of Mathematics and Natural Sciences, University of Oslo, Oslo, Norway. 95 pp. (in English).
 55. Betts, E.F. (2006). Permafrost and wildlife influences on stream nutrient dynamics and metabolism in boreal forest watersheds of Interior Alaska. [Original: Permafrost and wildlife influences on stream nutrient dynamics and metabolism in boreal forest watersheds of Interior Alaska]. M.Sc. Thesis, Dept. of Biology and Wildlife, University of Alaska Fairbanks, Fairbanks, USA. 75 pp. (in English).
 56. Beylich, A.A. (1999). Slope denudation and fluvial processes in a subarctic-maritime permafrost-free periglacial area with Pleistocene glaciation. [Original: Hangdenudation und fluviale Prozesse in einem subarktisch-ozeanisch geprägten, permafrostfreien Periglazialgebiet mit pleistozäner Vergletscherung]. Ph.D. Thesis, Faculty of Natural Sciences, Martin-Luther University Halle-

- Wittenberg, Halle, Germany. 130 pp. (in German).
57. Bickley, W.B., Jr. (1972). Stratigraphy and history of the Sakakawea Sequence, south-central North Dakota. [Original: Stratigraphy and history of the Sakakawea Sequence, south-central North Dakota]. Ph.D. Thesis, University of North Dakota, Grand Forks, USA. 183 pp. (in English).
 58. Biggar, K.W. (1991). Adfreeze and grouted piles in saline permafrost. [Original: Adfreeze and grouted piles in saline permafrost]. Ph.D. Thesis, Dept. of Civil and Environmental Engineering, University of Alberta, Edmonton, Canada. 369 pp. (in English).
 59. Birch, R. (2003). Acquisition and processing of GPR data from a permafrost area on Devon Island, Nunavut. [Original: Acquisition and processing of GPR data from a permafrost area on Devon Island, Nunavut]. B.Sc. Thesis, University of Calgary, Calgary, Canada. 16 pp. (in English).
 60. Bittelli, M. (2001). Solid, water, gas, and ice in frozen porous media; measurements and implications. [Original: Solid, water, gas, and ice in frozen porous media; measurements and implications]. Ph.D. Thesis, 111 pp. (in English).
 61. Bjornson, J. (2003). The retrogressive thaw slumps from the Willow River, Northwest Territories, Canada: Sedimentological characteristics, Spatial and temporal distributions. [Original: Les glissements retrogressifs de fonte de la riviere Willow, Territoires du Nord-Ouest, Canada: Caracteristiques sedimentologiques, distribution spatiale et temporelle]. M.Sc. Thesis, University of Ottawa, Ottawa, Canada. 110 pp. (in French).
 62. Black, P.B. (1986). RIGIDICE model of frost heave and its input functions. [Original: RIGIDICE model of frost heave and its input functions]. Ph.D. Thesis, Cornell University, Ithaca, USA. 111 pp. (in English).
 63. Black, T.J. (1968). Test apparatus for frozen soil in complex stress. [Original: Test apparatus for frozen soil in complex stress]. Ph.D. Thesis, Dartmouth College, Hanover, USA. 244 pp. (in English).
 64. Blais, R. (1984). Mathematical models for the evaluation of permafrost thickness in palsas of Sheldrake River. [Original: Modèles mathématiques pour l'évaluation de l'épaisseur du pergeglisol des palses de la rivière Sheldrake]. B.Sc. Thesis, Dép. de géographie, Université Laval, Québec, Canada. 69 pp. (in French).
 65. Blandford, D.C. (1975). Spatial and temporal patterns of contemporary geomorphic processes in the Vestfold Hills, Antarctica. [Original: Spatial and temporal patterns of contemporary geomorphic processes in the Vestfold Hills, Antarctica]. B.Litt. Thesis, University of New England, Armidale, Armidale, Australia. pp. (in English).
 66. Blumstengel, W.K. (1988). Studies of an active rock glacier, east side, Slims River valley, Yukon Territory, Canada. [Original: Studies of an active rock glacier, east side, Slims River valley, Yukon Territory, Canada]. MSc Thesis, Dept. of Geography, University of Calgary, Calgary, Canada. 207 pp. (in English).
 67. Bø, M.R. (1998). Permafrost studies on Jetta in northern Gudbrandsdalen, south-central Norway. [Original: Permafrost-studier på Jetta i Nord-Gudbrandsdalen, midt-Norge]. M.Sc. Thesis, University of Oslo, Oslo, Norway. 127 pp. (in Norwegian).
 68. Boelhouwers, J.C. (1996). The present-day frost action environment and its geomorphological significance in the Western Cape mountains, South Africa. [Original: The present-day frost action environment and its geomorphological significance in the Western Cape mountains, South Africa]. Ph.D. Thesis, Department of Earth Sciences, University of the Western Cape, Cape Town, South Africa. pp. (in English).
 69. Boike, J. (1997). Thermal, hydrological and geochemical dynamics of the active layer at the continuous permafrost site, Taymyr Peninsula, Siberia. [Original: Thermal, hydrological and geochemical dynamics of the active layer at the continuous permafrost site, Taymyr Peninsula, Siberia]. Ph.D. Thesis, University of Potsdam, Potsdam, Germany. 104 pp. (in English).
 70. Boizov, A.V. (2002). Conditions of formation and regime of supra- and intrapermafrost ground water aquifers in Central Yakutia. [Original: Условия формирования и режим подземных вод

- надмерзлотного и межмерзлотного стока в Центральной Якутии]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
71. Bolch, T. (2006). Analysis and Visualisation of Climate and Glacier Changes in northern Tien Shan (Kazakhstan/Kyrgyzstan) using GIS and Remote Sensing with a Comparison to the Bernina Group/Alps. [Original: GIS- und fernerkundungsgestützte Analyse und Visualisierung von Klima- und Gletscheränderungen im nördlichen Tien Shan (Kasachstan/Kyrgyzstan) mit einem Vergleich zur Bernina-Gruppe/Alpen]. Ph.D. Thesis, Universität Erlangen-Nürnberg, Germany. 210 pp. (in German).
 72. Bolton, W.R. (2006). Dynamic modeling of the hydrologic processes in areas of discontinuous permafrost. [Original: Dynamic modeling of the hydrologic processes in areas of discontinuous permafrost]. Ph.D. Thesis, Dept. of Civil and Environmental Engineering, University of Alaska Fairbanks, Fairbanks, USA. 163 pp. (in English).
 73. Bonan, G.B. (1988). Environmental Processes and Vegetation Patterns in Boreal Forests. [Original: Environmental Processes and Vegetation Patterns in Boreal Forests]. Ph.D. Thesis, University of Virginia, Charlottesville, USA. 297 pp. (in English).
 74. Bond, A.R. (1983). Noril'sk: Profile of a Soviet Arctic Development Project. [Original: Noril'sk: Profile of a Soviet Arctic Development Project]. Ph.D. Thesis, University of Wisconsin, Milwaukee, USA. 417 pp. (in English).
 75. Bonnaventure, P.P. (2006). Validation of the Basal Temperature of Snow (BTS) method to map permafrost in complex mountainous terrain, Ruby Range, Yukon Territory and Haines Summit, British Columbia. [Original: Validation of the Basal Temperature of Snow (BTS) method to map permafrost in complex mountainous terrain, Ruby Range, Yukon Territory and Haines Summit, British Columbia]. M.Sc. Thesis, University of Ottawa, Ottawa, Canada. 121 pp. (in English).
 76. Bordoni, R. (1998). Modelling vegetation boundaries in high mountains. [Original: Grundlagen für die Modellierung von Vegetationsgrenzen im Hochgebirge]. MSc Thesis, Geographisches Institut, University of Zürich, Zürich, Switzerland. 85 pp. (in German).
 77. Bosikov, N.P. (1985). Evolution of Alases in Central Yakutia. [Original: Эволюция аласов Центральной Якутии]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 78. Bouchard, C. (1988). Study of the thermal regime of a sandy permafrost soil in Kangiqsualujuaq, North Québec. [Original: Étude du régime thermique d'un sol sableux pergélisolé à Kangiqsualujuaq, Québec nordique]. B.Sc. Thesis, Dép. de géographie, Université Laval, Québec, Canada. 71 pp. (in French).
 79. Bouchard, C. (1990). Simulation of thermal regime of permafrost soils : The « Tone » model. . [Original: Simulation du régime thermique de sols pergélisolés : essai du modèle "Tone"]. M.Sc. Thesis, Dép. de géographie, Université Laval, Sainte-Foy, Québec, Canada. pp. (in French).
 80. Bougere, J. (1992). Current dynamics at the Possession Island (Crozet Archipelago): Substitution of geomorphological processes. [Original: Dynamique actuelle a l'Ille de la Possession (Archipel de Crozet): Substitution de processus geomorphologiques]. Ph.D. Thesis, l'Université de Nice Sophia Antipolis, Nice, France. 252 pp. (in French).
 81. Bowling, L.C. (2002). Estimating the freshwater budget of high-latitude land areas. [Original: Estimating the freshwater budget of high-latitude land areas]. Ph.D. Thesis, University of Washington, Seattle, USA. 152 pp. (in English).
 82. Boyes, D.M. (1999). Morphometry, spatial analysis and development of lakes on the Mackenzie Delta plain. [Original: Morphometry, spatial analysis and development of lakes on the Mackenzie Delta plain]. PhD Thesis, University of Western Ontario, London, Ont., Canada. 311 pp. (in English).
 83. Bragg, R.A. (1980). Material properties for sand-ice structural systems. [Original: Material properties for sand-ice structural systems]. PhD Thesis, Michigan State University, East Lansing, USA. 296 pp. (in English).
 84. Braukämper, K. (1990). On the distribution of periglacial cover deposits in Germany. [Original: Zur Verbreitung periglazialer Deckschichten in Deutschland]. Ph.D. Thesis, University of

- Bochum, Bochum, Germany. 156 pp. (in German).
85. Brazel, A.J. (1972). Active layer thermal regimes in an alpine pass, Chitison Pass, Alaska. [Original: Active layer thermal regimes in an alpine pass, Chitison Pass, Alaska]. Ph.D. Thesis, University of Michigan, Ann Arbor, USA. 70 pp. (in English).
 86. Brenner, R.E. (2005). Soil nitrogen transformations and retention during a deciduous to coniferous successional transition. [Original: Soil nitrogen transformations and retention during a deciduous to coniferous successional transition]. Ph.D. Thesis, USA. 167 pp. (in English).
 87. Brenning, A. (2005). Climatic and geomorphological controls of rock glaciers in the Andes of Central Chile - combining statistical modelling and field mapping. [Original: Climatic and geomorphological controls of rock glaciers in the Andes of Central Chile - combining statistical modelling and field mapping]. PhD Thesis, Mathematisch-Naturwissenschaftliche Fakultät II, Humboldt University Berlin, Berlin, Germany. 137 pp. (in English).
 88. Brigham, J.K. (1985). Marine stratigraphy and amino acid geochronology of the Gubik Formation, western arctic coastal plain, Alaska. [Original: Marine stratigraphy and amino acid geochronology of the Gubik Formation, western arctic coastal plain, Alaska]. Ph.D. Thesis, University of Colorado, Boulder, USA. 316 pp. (in English).
 89. Brown, J. (1962). Soils of Northern Brooks Range, Alaska. [Original: Soils of Northern Brooks Range, Alaska]. Ph.D. Thesis, Rutgers University, New Brunswick, USA. 268 pp. (in English).
 90. Brown, R.J.E. (1961). Permafrost in Canada - Its Effects on Developments in a Region of Marginal Human Activity. [Original: Permafrost in Canada-Its Effects on Developments in a Region of Marginal Human Activity]. Ph.D. Thesis, Clark University, Worcester, USA. 450 pp. (in English).
 91. Burgess, M. (1983). Analysis of the ground thermal regime at Norman Wells and Fort Good Hope: 1971-1974. [Original: Analysis of the ground thermal regime at Norman Wells and Fort Good Hope: 1971-1974]. Master Thesis, Department of Geography, Carleton University, Ottawa, Canada. 153 pp. (in English).
 92. Burn, C. (1986). On the origin of aggradational ice in permafrost. [Original: On the origin of aggradational ice in permafrost]. Ph.D. Thesis, Dept. Geology, Carleton University, Ottawa, Canada. 222 pp. (in English).
 93. Burn, C.R. (1982). Investigations of thermokarst development and climatic change in the Yukon Territory. [Original: Investigations of thermokarst development and climatic change in the Yukon Territory]. M.A. Thesis, Carleton University, Ottawa, Canada. 142 pp. (in English).
 94. Bursey, G.G. (1990). Geochemical and isotopic investigations in a watershed of the eastern Arctic, Northwest Territories. [Original: Geochemical and isotopic investigations in a watershed of the eastern Arctic, Northwest Territories]. M.Sc. Thesis, Dept. of Earth Sciences, University of Waterloo, Waterloo, Canada. 214 pp. (in English).
 95. Burt, G.R. (1970). Preservation of permafrost under roadways utilizing man-made insulations. [Original: Preservation of permafrost under roadways utilizing man-made insulations]. M.Sc. Thesis, Institute of Arctic Environmental Engineering, University of Alaska Fairbanks, Fairbanks, USA. 167 pp. (in English).
 96. Burt, T.P. (1974). A study of hydraulic conductivity in frozen soils [Original: A study of hydraulic conductivity in frozen soils]. M.A. Thesis, Carleton University, Ottawa, Canada. 85 pp. (in English).
 97. Buteau, S. (2002). Study of the weakening of the mechanical behavior of permafrost due to climatic warming. [Original: Etude de l'affaiblissement du comportement mecanique du pergélisol du au rechauffement climatique]. Ph.D. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 219 pp. (in English and French).
 98. Buttrick, S.C. (1973). The ecological effects of vehicular traffic on frozen tundra. [Original: The ecological effects of vehicular traffic on frozen tundra]. M.Sc. Thesis, Ohio State University (?), 112 pp. (in English).
 99. Cafilisch, R. and Meyer, A. (1992). Photogrammetric survey of the rock glacier Suvretta, Graubunden. [Original: Photogrammetrische Vermessung des Blockgletschers Suvretta,

- Graubünden]. MSc Thesis, IBB Muttenz, Muttenz, Switzerland. pp. (in German).
100. Caline, F. (2000). Modelling permafrost temperature response to variations in meteorological data. [Original: Modelling permafrost temperature response to variations in meteorological data]. Thesis, Université de Marne-la-Vallée, Marne-la-Vallée, France. 41 pp. (in English).
 101. Calvert, H.T. (1988). The complex resistivity response of mineralized rocks at sub-freezing temperatures. [Original: The complex resistivity response of mineralized rocks at sub-freezing temperatures]. M.Sc. Thesis, Dept. of Geology and Geophysics, University of Calgary, Calgary, Canada. 208 pp. (in English).
 102. Camill, P. (1999). Succession and carbon dynamics of boreal permafrost peatlands during rapid climate warming. [Original: Succession and carbon dynamics of boreal permafrost peatlands during rapid climate warming]. Ph.D. Thesis, Duke University, Durham, USA. 293 pp. (in English).
 103. Campeau, S. (1992). The seasonal frost mounds from sand spits of the Tuktoyaktuk Peninsula, N-W-T. [Original: Les buttes cryogènes saisonnières des flèches sableuses de la péninsule de Tuktoyaktuk, T.N.-O.]. B.A. Thesis, Dép. de géographie, Université Laval, Sainte-Foy, Québec, Canada. 29 pp. (in French).
 104. Carey, S.K. (2000). Hillslope hydrology and runoff processes in a subarctic, subalpine environment. [Original: Hillslope hydrology and runoff processes in a subarctic, subalpine environment]. Ph.D. Thesis, McMaster University, Hamilton, Canada. 206 pp. (in English).
 105. Carlson, D.A. (2005). A dynamic process model of palsa genesis and development based on geomorphologic investigations at the Boundary Ridge palsa bog near Schefferville, Quebec. [Original: A dynamic process model of palsa genesis and development based on geomorphologic investigations at the Boundary Ridge palsa bog near Schefferville, Quebec]. M.Sc. Thesis, McGill University, Montreal, Canada. 124 pp. (in English).
 106. Caron, S. (1995). The cryofacies and the dynamics of a permafrost plateau in the region of Manitounuk Strait, Hudson Bay. [Original: Les cryofaciès et la dynamique d'un plateau de pergélisol au détroit de Manitounuk, Hudsonie]. M.A. Thesis, Dép. de géographie, Université Laval, Sainte-Foy, Québec, Canada. 132 pp. (in French).
 107. Carr, A.T. (2003). Hydrologic Comparisons and Model Simulations of Subarctic Watersheds Containing Continuous and Discontinuous Permafrost, Seward Peninsula, Alaska. [Original: Hydrologic Comparisons and Model Simulations of Subarctic Watersheds Containing Continuous and Discontinuous Permafrost, Seward Peninsula, Alaska]. MSc. Thesis, Dept. of Civil and Environmental Engineering, University of Alaska Fairbanks, Fairbanks, USA. 123 pp. (in English).
 108. Caspari, T. (2005). The soils of Bhutan. [Original: The soils of Bhutan [Elektronische Ressource] : parent materials, soil forming processes, and new insights into the palaeoclimate of the Eastern Himalayas]. Ph.D. Thesis, The soils of Bhutan [Elektronische Ressource] : parent materials, soil forming processes, and new insights into the palaeoclimate of the Eastern Himalayas, Technische Universität München, München, Germany. pp. (in English).
 109. Castelli, S. (2000). Geomorphological mapping in the regions Julierpass, Val Survetta and Corvatsch (Upper Engadin, GR), and tests for relative dating of morphology using the Schmidt-Hammer method. [Original: Geomorphologische Kartierung im Gebiet Julierpass, Val Suvretta und Corvatsch (Oberengadin, GR), sowie Versuche zur Relativdatierung der morphologischen Formen mit der Schmidt-Hammer Methode]. MSc Thesis, Dept. of Geography, University of Zurich, Zürich, Switzerland. 82 pp. (in German).
 110. Chadwick, C.L. (1996). Mechanical and chemical weathering of periglacial and non-periglacial forms on the eastern Fosheim Peninsula, Ellesmere Island (Northwest Territories). [Original: Mechanical and chemical weathering of periglacial and non-periglacial forms on the eastern Fosheim Peninsula, Ellesmere Island (Northwest Territories)]. M.A. Thesis, Wilfrid Laurier University, Waterloo, Canada. 147 pp. (in English).
 111. Chaichanavong, T. (1976). Dynamic properties of ice and frozen clay under cyclic triaxial loading conditions. [Original: Dynamic properties of ice and frozen clay under cyclic triaxial loading conditions]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 489 pp. (in English).

112. Chang, B.C.-K. (2006). Comparative analysis of bacterial community composition in Siberian permafrost and Antarctic pond sediments. [Original: Comparative analysis of bacterial community composition in Siberian permafrost and Antarctic pond sediments]. M.Sc. Thesis, Michigan State University, East Lansing, USA. 44 pp. (in English).
113. Chang, H.-k. (1999). The design and optimization of a 3D object-oriented finite element program for Bethel fuel sales [Original: The design and optimization of a 3D object-oriented finite element program for Bethel fuel sales]. M.Sc. Thesis, Dept. of Mechanical Engineering, University of Alaska Fairbanks, Fairbanks, USA. 153 pp. (in English).
114. Charest, J. (1962). Rapid driving of thin hollow cylindrical piles into permafrost. [Original: Rapid driving of thin hollow cylindrical piles into permafrost]. Ph.D. Thesis, Colorado School of Mines, Golden, USA. 152 pp. (in English).
115. Chatwin, S.C. (1981). Permafrost aggradation and degradation in a sub-Arctic peatland. [Original: Permafrost aggradation and degradation in a sub-Arctic peatland]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 163 pp. (in English).
116. Chauret, Y. (1999). Study of the development of fissure calcretes from northern Yukon, from the Pleistocene until today. [Original: Étude sur le développement des calcrètes de fissures du Yukon septentrional, du Pléistocène à aujourd'hui]. M.A. Thesis, University of Ottawa, Ottawa, Canada. 85 pp. (in French).
117. Cheadle, S.P. (1988). Applications of Physical Modeling and Localized Slant Stacking to a Seismic Study of Subsea Permafrost. [Original: Applications of Physical Modeling and Localized Slant Stacking to a Seismic Study of Subsea Permafrost]. Ph.D. Thesis, University of Calgary, Calgary, Canada. 237 pp. (in English).
118. Chen, T. (1994). Multiconverted reflections in marine environments with thin permafrost layers. [Original: Multiconverted reflections in marine environments with thin permafrost layers]. M.Sc. Thesis, University of Calgary, Calgary, Canada. 125 pp. (in English).
119. Cherkauer, K.A. (2001). Understanding the hydrologic effects of frozen soil. [Original: Understanding the hydrologic effects of frozen soil]. Ph.D. Thesis, 166 pp. (in English).
120. Cherry, J.E. (2007). Arctic hydroclimatology. [Original: Arctic hydroclimatology]. Ph.D. Thesis, Columbia University, New York, USA. 110 pp. (in English).
121. Cheverev, V.G. (1974). Experimental study of regularities of moisture migration in unfrozen and frozen ground of different composition, structure and characteristics. [Original: Экспериментальное исследование закономерностей миграции влаги в талых и мерзлых грунтах различного состава, строения и свойств]. Kandidat geologio-mineralogitsheskikh nauk Thesis, Faculty of Geology, Moscow State University, Moscow, Russia. pp. (in Russian).
122. Christianson, C.B. (1981). Chemical denitrification in frozen soils. [Original: Chemical denitrification in frozen soils]. Ph.D. Thesis, University of Manitoba, Winnipeg, Canada. 98 pp. (in English).
123. Churchill, J. (1985). Recreational impacts and environmental degradation of trails in Auyuittuq National Park Reserve, Baffin Island, N.W.T. [Original: Recreational impacts and environmental degradation of trails in Auyuittuq National Park Reserve, Baffin Island, N.W.T.]. B.Sc. Honours Thesis, Trent University, Peterborough, Canada. pp. (in English).
124. Ciro Sanmiguel, G.A. (2006). A study of adaptation strategies for road embankments built on permafrost affected by climate change. [Original: A study of adaptation strategies for road embankments built on permafrost affected by climate change]. M.Sc. Thesis, University of Manitoba, Winnipeg, Canada. 186 pp. (in English).
125. Clark, C.C. (1972). Geophysical studies of permafrost in the Dry Valleys. [Original: Geophysical studies of permafrost in the Dry Valleys]. Master Thesis, Northern Illinois University, Dekalb, USA. 97 pp. (in English).
126. Clarke, S.A. (1998). An Experimental Study on the Influence of Climatic Fluctuations on Solifluction, Fosheim Peninsula, Ellesmere Island, Northwest Territories. [Original: An Experimental Study on the Influence of Climatic Fluctuations on Solifluction, Fosheim Peninsula, Ellesmere Island, Northwest Territories]. M.A. Thesis, University of Ottawa, Ottawa, Canada.

- 167 pp. (in English).
127. Coffman, J.F. (1981). Relict valley assymetry in the Pleistocene periglacial zone of southeastern Ohio. [Original: Relict valley assymetry in the Pleistocene periglacial zone of southeastern Ohio]. Ph.D. Thesis, University of Wisconsin, Milwaukee, USA. 195 pp. (in English).
 128. Colvin, D.J. (1978). Seismic waves in permafrost. [Original: Seismic waves in permafrost]. M.Sc. Thesis, University of Calgary, Calgary, Canada. 85 pp. (in English).
 129. Cook, J.D. (1989). Active and relict sorted circles, Jotunheimen, Norway : a study of the altitudinal zonation of periglacial processes. [Original: Active and relict sorted circles, Jotunheimen, Norway : a study of the altitudinal zonation of periglacial processes]. Ph.D. Thesis, The University of Wales College of Cardiff, Cardiff, UK. pp. (in English).
 130. Cook, R.D. (1963). Some Effects of Closed System Freeze-Thaw Cycles on a Compacted, Highly Plastic Clay. [Original: Some Effects of Closed System Freeze-Thaw Cycles on a Compacted, Highly Plastic Clay]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 103 pp. (in English).
 131. Costello, D.P. (2000). Seismic and geomorphic investigations of Galena Creek rock glacier. [Original: Seismic and geomorphic investigations of Galena Creek rock glacier]. M.Sc. Thesis, University of Colorado, Boulder, USA. 102 pp. (in English).
 132. Coté, M.M. (2002). The influence of elevation and aspect on permafrost distribution in the central Yukon Territory. [Original: The influence of elevation and aspect on permafrost distribution in the central Yukon Territory]. Master Thesis, Carleton University, Ottawa, Canada. 148 pp. (in English).
 133. Couch, A.G. (2006). Depositional record of late Wisconsin Glacial Lake Mackenzie, Northwest Territories, Canada: Implications for permafrost degradation in a warming climate. [Original: Depositional record of late Wisconsin Glacial Lake Mackenzie, Northwest Territories, Canada: Implications for permafrost degradation in a warming climate]. M.Sc. Thesis, University of Toronto, Toronto, Canada. 53 pp. (in English).
 134. Couillard, L. (1983). Evolution of the vegetation of a peat bog on a palsa plateau, rivière aux Feuilles, Nouveau-Québec. [Original: Évolution de la végétation d'une tourbière à plateau palsique, rivière aux Feuilles, Nouveau-Québec]. M.Sc. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 64 pp. (in French).
 135. Coultish, T.L. (2002). Long-term development of palsas and other permafrost-cored mounds in mountainous terrain, Wolf Creek, southern Yukon. [Original: Long-term development of palsas and other permafrost-cored mounds in mountainous terrain, Wolf Creek, southern Yukon]. MSc. Thesis, University of Ottawa, Ottawa, Canada. 125 pp. (in English).
 136. Coutts, R.J. (1991). Development of a two-dimensional finite element model to calculate temperatures and stresses in frost susceptible soil around a chilled pipeline. [Original: Development of a two-dimensional finite element model to calculate temperatures and stresses in frost susceptible soil around a chilled pipeline]. M.Sc. Thesis, University of Waterloo, Waterloo, Canada. 124 pp. (in English).
 137. Couture, N. (2000). Sensitivity of permafrost terrain in a high Arctic polar desert: an evaluation of response to disturbance near Eureka, Ellesmere Island, Nunavut. [Original: Sensitivity of permafrost terrain in a high Arctic polar desert: an evaluation of response to disturbance near Eureka, Ellesmere Island, Nunavut]. MSc. Thesis, Geography Department, McGill University, Montréal, Canada. 102 pp. (in English).
 138. Cronce, R.C. (1988). The Genesis of Soils Overlying Dolomite in the Nittany Valley of Central Pennsylvania. [Original: The Genesis of Soils Overlying Dolomite in the Nittany Valley of Central Pennsylvania]. Ph.D. Thesis, Pennsylvania State University, State College, USA. 413 pp. (in English).
 139. Crumrine, P.A. (2005). Peatland decomposition rates; effects of temperature and duration of the ice free season. [Original: Peatland decomposition rates; effects of temperature and duration of the ice free season]. Master's Thesis, Canada. 83 pp. (in English).
 140. Cumberledge, G. (1967). Study of Factors Influencing the Reduction of Highway Subgrade

- Support During the Spring Thaw Period. [Original: Study of Factors Influencing the Reduction of Highway Subgrade Support During the Spring Thaw Period]. M.Sc. Thesis, University of West Virginia, Morgantown, USA. 131 pp. (in English).
141. Cummings, C.E. (1993). A Geocological Investigation of Palsas in the Schefferville Area (Newfoundland). [Original: A Geocological Investigation of Palsas in the Schefferville Area (Newfoundland)]. M.Sc. Thesis, McGill University, Montreal, Canada. 103 pp. (in English).
 142. Cuthbertson-Black, R.S. (2001). The interaction between a flighted steel pipe pile and frozen sand. [Original: The interaction between a flighted steel pipe pile and frozen sand]. M.Sc. Thesis, University of Manitoba, Winnipeg, Canada. 158 pp. (in English).
 143. Daanen, R.P. (1997). A one dimensional model study on the movement of water out of the snowpack into the soil, during winter and spring in Sjökölla, Finland. [Original: A one dimensional model study on the movement of water out of the snowpack into the soil, during winter and spring in Sjökölla, Finland]. MSc Thesis, Sub-department Water Resources, Wageningen University, Wageningen, The Netherlands. 86 pp. (in English).
 144. Daanen, R.P. (2004). Modeling liquid water flow in snow. [Original: Modeling liquid water flow in snow]. PhD Thesis, University of Minnesota, USA. 171 pp. (in English).
 145. Dalen, E.N. (2002). Vehicle tracks in the Spitsbergen terrain, Svalbard. [Original: Kjørespor i utmark på Spitsbergen, Svalbard]. M.Sc. Thesis, University of Oslo, Oslo, Norway. 89 pp. (in Norwegian).
 146. Dallimore, A. (1998). Holocene Environmental History of Thermokarst Lakes on Richards Island, Northwest Territories, Canada: Thecamoebians as Paleolimnological Indicators. [Original: Holocene Environmental History of Thermokarst Lakes on Richards Island, Northwest Territories, Canada: Thecamoebians as Paleolimnological Indicators]. M.Sc. Thesis, Carleton University, Ottawa, Canada. 119 pp. (in English).
 147. Dallimore, S.R. (1985). Observations and predictions of frost heave around a chilled pipeline. [Original: Observations and predictions of frost heave around a chilled pipeline]. M.A. Thesis, Carleton University, Ottawa, Canada. 110 pp. (in English).
 148. Dansart, A.M. (2001). Effects of sand-filled ice-wedge casts on the spatial variability of unsaturated flow and mass transport. [Original: Effects of sand-filled ice-wedge casts on the spatial variability of unsaturated flow and mass transport]. Master Thesis, University of Wisconsin, Madison, USA. 107 pp. (in English).
 149. Davis, W.A. (1998). Responses of tundra vegetation, soil and microclimate to disturbances associated with the 1943 construction of the CANOL No. 1 Pipeline, N.W.T. [Original: Responses of tundra vegetation, soil and microclimate to disturbances associated with the 1943 construction of the CANOL No. 1 Pipeline, N.W.T.]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 145 pp. (in English).
 150. Dazko, P.S. (1986). The transformation of unconsolidated ground during repeated freezing-thawing [Original: Преобразование дисперсных пород при многократном промерзании-оттаивании]. Kandidat geologio-mineralogitsheskikh nauk Thesis, Faculty of Geology, Moscow State University, Moscow, Russia. pp. (in Russian).
 151. De Krom, V. (1964). A geomorphic investigation of retrogressive thaw slumps and active layer slides on Herschel Island, Yukon Territory [Original: A geomorphic investigation of retrogressive thaw slumps and active layer slides on Herschel Island, Yukon Territory]. M.Sc. Thesis, McGill University, Montreal, Canada. 157 pp. (in English).
 152. De Pascale, G.P. (2005). Massive ice in coarse-grained sediments, Western Canadian Arctic. [Original: Massive ice in coarse-grained sediments, Western Canadian Arctic]. MSc Thesis, McGill University, Montreal, Canada. 109 pp. (in English).
 153. de Villiers, S. (2000). The development of a spatial database for research into cryogenic processes and landforms in southern Africa. [Original: M.A. Thesis, University of Pretoria, Pretoria, South Africa. pp. (in
 154. Degenhardt, J.J. (2002). A model for the development of a lobate alpine rock glacier in southwest Colorado, USA: implications for water on Mars. [Original: A model for the

- development of a lobate alpine rock glacier in southwest Colorado, USA: implications for water on Mars]. Ph.D. Thesis, Geography, Texas A&M University, College Station, USA. 187 pp. (in English).
155. Deline, P. (2002). Geomorphological study of interactions between rock- and glacier-falls in high altitude alpine mountains (South-east side of the Mont Blanc massif). [Original: Etude géomorphologique des interactions écoulement rocheux/glaciales dans la haute montagne alpine (versant sud-est du massif Mont Blanc)]. PhD Thesis, Savoie, Savoie, France. pp. (in French).
 156. Dementyev, V.A. (1991). Stochastic computation of icing parameters and icing protection of roads in the cryolithozone. [Original: Вероятностный расчет параметров наледей и противоналедная защита дорожных сооружений в криолитозоне]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 157. Demitroff, M.N. (2007). Pine barrens wetlands: Geographical reflections of south Jersey's periglacial legacy. [Original: Pine barrens wetlands: Geographical reflections of south Jersey's periglacial legacy]. M.Sc. Thesis, University of Delaware, Newark, USA. 244 pp. (in English).
 158. Dennis, J.G. (1969). Growth of tundra vegetation in relation to Arctic microenvironments at Barrow, Alaska. [Original: Growth of tundra vegetation in relation to Arctic microenvironments at Barrow, Alaska]. Ph.D. Thesis, Duke University, Durham, N.C., USA. 305 pp. (in English).
 159. Dicks, W.G. (1991). Factors affecting active layer development and permafrost characteristics, Churchill, Manitoba. [Original: Factors affecting active layer development and permafrost characteristics, Churchill, Manitoba]. B.Sc. Honours Thesis, Dept. of Geography, Trent University, Peterborough, Ont., Canada. pp. (in English).
 160. Dillon, J.S. (2002). Soils and soil-forming processes in a cool-dry environment: The upper Green River Basin, western Wyoming, United States. [Original: Soils and soil-forming processes in a cool-dry environment: The upper Green River Basin, western Wyoming, United States]. Ph.D. Thesis, University of Kansas, Lawrence, USA. 361 pp. (in English).
 161. Dionne, G. (1990). Thaw settlement and consolidation of silty permafrost in Kangiqsualujjuaq. [Original: Tassement et consolidation d'un pergélisol silteux à Kangiqsualujjuaq]. M.Eng. Thesis, Université Laval, Sainte-Foy, Québec, Canada. pp. (in French).
 162. Dionne, S. (1991). Comparative description of two sites subjected to ground ice-melt gully erosion near Salluit in Nunavik. [Original: Description comparative de deux sites affectés par le ravinement thermokarstique près de Salluit (Nunavik)]. B.Sc. Honours Thesis, Dép. de géographie, Université Laval, Sainte-Foy, Québec, Canada. pp. (in French).
 163. Dirksen, C. (1964). Water movement and frost heaving in unsaturated soil without an external source of water. [Original: Water movement and frost heaving in unsaturated soil without an external source of water]. Thesis, Cornell University, Ithaca, USA. 140 pp. (in English).
 164. Djaballah-Masmoudi, N. (1997). Modeling and testing of permeability and transfer mechanisms in porous media during freezing. [Original: Modélisation et expérimentation de la perméabilité et des mécanismes de transfert dans les milieux poreux au cours du gel]. Ph.D. Thesis, Université 6 (Pierre et Marie Curie), Paris, France. 205 pp. (in French).
 165. Doerner, J.P. (1994). The Late Quaternary Environmental History of Mt. Evans: Pollen and Stratigraphic Evidence from Clear Creek, Colorado. [Original: The Late Quaternary Environmental History of Mt. Evans: Pollen and Stratigraphic Evidence from Clear Creek, Colorado]. Ph.D. Thesis, University of Denver, Denver, USA. 233 pp. (in English).
 166. Dongogiin, T. (1990). Seasonal frozen deposits of the central economic region of Mongolia. [Original: Сезонно-многолетнемерзлые породы Центрального экономического района Монгольской Народной Республики]. Kandidat geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 167. Dorren, L.K.A. (2002). Mountain geoecosystems – GIS modeling of rockfall and protection forest structure. [Original: Mountain geoecosystems – GIS modeling of rockfall and protection forest structure]. PhD Thesis, University of Amsterdam, Amsterdam, The Netherlands. pp. (in English).
 168. Dubikov, G.I. (1984). Regularity of formation and cryogenic structure of the sedimentary rocks by

- illustration of West Siberia. [Original: Ph.D. Thesis, Moscow State University, Moscow, Russia. 48 pp. (in Russian).
169. Dubina, M.M. (1991). Thermal-mechanical interaction of permafrost and underground constructions. [Original: Термомеханическое взаимодействие мерзлых пород с подземными сооружениями]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 170. Dufour, S. (1981). Vibratory Pile Driving in Frozen Sand. [Original: Vibratory Pile Driving in Frozen Sand]. M.Sc. Thesis, Dept. of Civil and Environmental Engineering, University of Alberta, Edmonton, Canada. pp. (in English).
 171. Dunning Hotopp, J.C. (2002). Characterization of the substrate specificity of 2,4-dichlorophenoxyacetic acid/alpha-ketoglutarate-dependent dioxygenase. [Original: Characterization of the substrate specificity of 2,4-dichlorophenoxyacetic acid/alpha-ketoglutarate-dependent dioxygenase]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 00132 pp. (in English).
 172. Ednie, M. (2003). Evaluation of the basal temperature of snow (BTS) method to map permafrost in complex mountainous terrain, Wolf Creek, Y.T. [Original: Evaluation of the basal temperature of snow (BTS) method to map permafrost in complex mountainous terrain, Wolf Creek, Y.T.]. M.Sc. Thesis, University of Ottawa, Ottawa, Canada. 88 pp. (in English).
 173. Edwards, T.W.D. (1980). Aspects of sedimentation and postglacial diatom stratigraphy in Arctic lakes, District of Keewatin, Northwest Territories. [Original: Aspects of sedimentation and postglacial diatom stratigraphy in Arctic lakes, District of Keewatin, Northwest Territories]. M.Sc. Thesis, Queen's University, Kingston, Canada. 144 pp. (in English).
 174. Efimov, S.S. (1987). Investigations of the phase composition hydrothermal equilibrium parameters of pore water in materials and development of forecast methods. [Original: Исследование параметров гиротермического равновесия фазового состава паровой влаги материалов и разработка методов их прогнозирования]. Kandidat technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 175. Egginton, P. (1976). Thermokarst and related geomorphic processes, eastern Banks Island, N.W.T. [Original: Thermokarst and related geomorphic processes, eastern Banks Island, N.W.T.]. M.A. Thesis, University of Ottawa, Ottawa, Canada. 115 pp. (in English).
 176. Elkhoraibi, M.C.E. (1975). Volume change of frozen soils. [Original: Volume change of frozen soils]. Ph.D. Thesis, Carleton University, Ottawa, Canada. 72 pp. (in English).
 177. Ellingbø, O. and Finstand, J.-A. (1976). Piles in permafrost. [Original: Peler i permafrost]. Diploma Thesis, Department of Geotechnical Engineering, NTNU, Trondheim, Norway. pp. (in Norwegian).
 178. Engelién, E. (1995). Blockfields and permafrost on Tron in northern Østerdalen, south-central Norway: Formation and preservation of the blockfields. [Original: Blokkmark og permafrost på Tron i Nord-Østerdal, Sør-Norge: dannelse og bevaring av blokkmarka]. M.Sc. Thesis, University of Oslo, Oslo, Norway. 151 s. pp. (in Norwegian).
 179. Engelmarm, H. (1993). Heat and water flows in freezing and thawing soils : numerical modeling, laboratory and field observations. [Original: Heat and water flows in freezing and thawing soils : numerical modeling, laboratory and field observations]. Doctoral Thesis, Division of Water Resources Engineering, Luleå University of Technology Luleå, Sweden. pp. (in English).
 180. Englefield, P.G.C. (1995). Rate of permafrost degradation in peatlands. [Original: Rate of permafrost degradation in peatlands]. M.Sc. Thesis, Dept. of Renewable Resources, University of Alberta, Edmonton, Canada. 33 pp. (in English).
 181. Engstrom, R.N. (2005). Effects of spatial and temporal variability in vegetation, soil moisture, and depth of thaw on modeled evaporation estimates in Arctic coastal plain ecosystems. [Original: Effects of spatial and temporal variability in vegetation, soil moisture, and depth of thaw on modeled evaporation estimates in Arctic coastal plain ecosystems]. Ph.D. Thesis, University of California, Santa Barbara, USA. 196 pp. (in English).
 182. Esdale, J.A. (1999). Geoarchaeological studies at the Dog Creek site, northern Yukon. [Original:

- Geoarchaeological studies at the Dog Creek site, northern Yukon]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 153 pp. (in English).
183. Etzelmüller, B. (1995). Geomorphometrical and geomorphological studies of selected polythermal valley glaciers in a permafrost environment on Spitsbergen, Svalbard. [Original: Geomorphometrical and geomorphological studies of selected polythermal valley glaciers in a permafrost environment on Spitsbergen, Svalbard]. PhD Thesis, Department of Physical Geography, University of Oslo, Oslo, Norway. 158 pp. (in English).
 184. Evans, A.L. (1985). A study of an air convection pile, a thermosyphon permafrost protection device. [Original: A study of an air convection pile, a thermosyphon permafrost protection device]. Ph.D. Thesis, University of Tennessee, Knoxville, USA. 309 pp. (in English).
 185. Færgestad, O.A. and Moen, T.I. (1977). Evaluation of the construction and maintenance of water and outlet pipes in permafrost. [Original: Vurdering av ulike sider ved bygging og drift av vann- og avløpsledninger i permafrost]. Diploma Thesis, Department of Geotechnical Engineering, NTNU, Trondheim, Norway. pp. (in Norwegian).
 186. Fahey, B.D. (1971). A quantitative analysis of freeze-thaw cycles, frost heave cycles, and frost penetration in the Front Range of the Rocky Mountains, Boulder County, Colorado. [Original: A quantitative analysis of freeze-thaw cycles, frost heave cycles, and frost penetration in the Front Range of the Rocky Mountains, Boulder County, Colorado]. Ph.D. Thesis, University of Colorado, Boulder, USA. 320 pp. (in English).
 187. Falls, L.G.C. (1979). Structural and thermal response of insulated pavements on discontinuous permafrost. [Original: Structural and thermal response of insulated pavements on discontinuous permafrost]. M.Sc. Thesis, University of Waterloo Waterloo Canada. 157 pp. (in English).
 188. Farbrot, H. (2002). Internal structures of a large-strandflat type of rock glacier, Nordenskiöldkysten, Svalbard. [Original: M.Sc. Thesis, University of Oslo, Oslo, Norway. 50 s. pp. (in English)].
 189. Farris, A.M. (1996). Numerical Modeling of Contaminant Transport in Discontinuous Permafrost, Ft. Wainwright, Alaska. [Original: Numerical Modeling of Contaminant Transport in Discontinuous Permafrost: Ft. Wainwright, Alaska]. MSc Thesis, Institute of Northern Engineering, WERC, University of Alaska Fairbanks, Fairbanks, USA. 109 pp. (in English).
 190. Fedorov, A.N. (1990). Permafrost landscapes of Yakutia: Methods of differentiation and mapping issues. [Original: Мерзлотные ландшафты Якутии: методика выделения и вопросы картографирования]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 191. Fedoseeva, V.I. (2000). Physical-chemical principles of the migration of chemical elements in frozen grounds and in snow. [Original: Физико-химические закономерности миграции химических элементов в мерзлых грунтах и снеге]. Doktor khimicheskikh nauk Thesis, Tomsk State University, Tomsk, Russia. pp. (in Russian).
 192. Fei, T. (1991). A theoretical study of the effects of sea level and climactic change on permafrost temperatures and gas hydrates. [Original: A theoretical study of the effects of sea level and climactic change on permafrost temperatures and gas hydrates]. M.Sc. Thesis, College of Natural Sciences, University of Alaska Fairbanks, Fairbanks, USA. 102 pp. (in English).
 193. Fillion, L. (1976). Snow accumulation and melting processes in subarctic ecological environments: Poste-de-la-Baleine, Nouveau-Québec. [Original: Processus d'enneigement et de déneigement et milieux écologiques subarctiques : Poste-de-la-Baleine, Nouveau-Québec]. M.Sc. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 133 pp. (in French).
 194. Finnah, W. (1999). Investigation of potential permafrost distribution in Jörital/Klostern (Switzerland) under special consideration of climatic influences. [Original: Untersuchung der potentiellen Permafrostverbreitung im Jörital/Klostern (Schweiz) unter besonderer Berücksichtigung klimatischer Einflüsse]. MSc Thesis, Fachbereich VI - Physische Geographie/Geowissenschaften, Universität Trier, Trier, Germany. 86 pp. (in German).
 195. Finsel, E. (2006). Methane oxidizing bacteria and mechanisms of adaptation to fluctuating temperatures and salt concentrations in permafrost soils of the Lena Delta, Siberia. [Original:

- Anpassungsmechanismen methanoxidierender Bakterien an wechselnde Temperaturen und Salzgehalte in Permafrostböden des Lena-Delta, Sibirien]. Diploma Thesis, Free University Berlin, Berlin, Germany. 216 pp. (in German).
196. Fischer, L. (2004). Monte Rosa Eastern Wall - Geology, glaciation, permafrost and rock fall events at a high alpine steep rock face. [Original: Monte Rosa Ostwand - Geologie, Vergletscherung, Permafrost und Sturzereignisse in einer hochalpinen Steilwand]. MSc Thesis, Department of Geography (UoZ), Department of Earth Sciences (ETH Zurich), University of Zurich / ETH Zurich, Zurich, Switzerland. pp. (in German).
 197. Fishback, L.E. (2002). Establishing the provenance of catchment-derived pond sediments : Truelove Lowland, Devon Island. [Original: Establishing the provenance of catchment-derived pond sediments : Truelove Lowland, Devon Island]. Ph.D. Thesis, University of Western Ontario, London, Ont., Canada. 342 pp. (in English).
 198. Fiszkal, B. (1999). The Holocene development of the Alas landscape in Central Yakutia. [Original: Die holozäne Entwicklung der Alaslandschaft Zentral-Jakutiens]. Diploma Thesis, University of Potsdam, Potsdam, Germany. pp. (in German).
 199. Flerchinger, G.N. (1988). Simultaneous heat and water model of a snow-residue-soil system. [Original: Simultaneous heat and water model of a snow-residue-soil system]. Ph.D. Thesis, Washington State University, Pullman, USA. 161 pp. (in English).
 200. Foriero, A. (1991). Conception of laterally-charged piles in permafrost. [Original: Conception de pieux établis dans le pergélisol chargé latéralement]. Ph.D. Thesis, Ecole Polytechnique, Montreal, Montreal, Canada. 818 pp. (in French).
 201. Forsström, A. (2002). Use of thermosyphons in a subarctic climate. [Original: Use of thermosyphons in a subarctic climate]. Licentiate Thesis, Civil and Mining Engineering / Soil Mechanics and Foundation Engineering, Luleå University of Technology, Luleå, Sweden. pp. (in English).
 202. Fortier, D. (2005). Holocene Geomorphological Evolution of Ice-wedge polygons, Valley of Glacier C-79, Bylot Island, Canadian Arctic Archipelago. [Original: Évolution géomorphologique holocène des polygones à coins de glace de la vallée du glacier C-79, Ile Bylot, archipel arctique canadien]. Ph.D. Thesis, Geography, Centre d'étude nordiques, Laval University, Quebec, Canada. 183 pp. (in English/French).
 203. Fortier, R. (1991). Geophysical diagraphs of permafrost in Umiujaq, Nunavik. [Original: Diagraphies géophysiques du pergélisol à Umiujaq, Nunavik]. M.Sc. Thesis, Dép. de géologie, Université Laval, Sainte-Foy, Québec, Canada. pp. (in French).
 204. Fortier, R. (1994). Permafrost studies in Kangiqsualujuaqa with the help of geotechnical surveys and geophysical diagraphies. [Original: Étude d'un pergélisol à Kangiqsualujuaqa à l'aide d'essais géotechniques et de diagraphies géophysiques]. Ph.D. Thesis, École Polytechnique de Montréal, Montreal, Canada. 682 pp. (in French).
 205. Fourie, W. (2005). The formation of pore ice in coarse grained soils [Original: The formation of pore ice in coarse grained soils]. M.Sc. Thesis, Dept. of Civil and Environmental Engineering, University of Alaska Fairbanks, Fairbanks, USA. 40 pp. (in English).
 206. Fournier, A. (1987). The periglacial erosion processes of rocky cliffs in the median estuary of the George, Nordic Québec. [Original: Les processus d'érosion périglaciaire des estrans rocheux de l'estuaire médian du George, Québec nordique]. M.Sc. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 193 pp. (in French).
 207. Fox, C.A. (1979). The soil micromorphology and genesis of the turbic cryosols from the Mackenzie River Valley and Yukon coastal plain. [Original: The soil micromorphology and genesis of the turbic cryosols from the Mackenzie River Valley and Yukon coastal plain]. Ph.D. Thesis, University of Guelph, Guelph, Ont., Canada. 196 pp. (in English).
 208. Fraser, K. (1991). Hydrochemistry of a small High Arctic wetland basin during spring snowmelt. [Original: Hydrochemistry of a small High Arctic wetland basin during spring snowmelt]. B.Sc. Honours Thesis, Dept. of Geography, Trent University, Peterborough, Canada. pp. (in English).
 209. Fraser, T.A. (1995). On the nature and origin of muck deposits, Klondike District, Yukon

- Territory. [Original: On the nature and origin of muck deposits, Klondike District, Yukon Territory]. M.A. Thesis, Carleton University, Ottawa, Canada. 224 pp. (in English).
210. Frauenfelder, R. (1997). Permafrost investigations using GIS - A study of the Fletschhorn area. [Original: Permafrostuntersuchungen mit GIS – Eine Studie im Fletschhorngebiet]. MSc Thesis, Geographisches Institut, University of Zürich, Zürich, Switzerland. 77 pp. (in German).
 211. Frauenfelder, R. (2004). Regional-scale modelling of the occurrence and dynamics of rockglaciers and the distribution of paleopermafrost. [Original: Regional-scale modelling of the occurrence and dynamics of rockglaciers and the distribution of paleopermafrost]. PhD Thesis, Department of Geography, University of Zürich, Zürich, Switzerland. 70 pp. (in English).
 212. Frauenknecht, A. and Schlatter, A. (1990). Rock glacier Val Muragl. [Original: Blockgletscher Val Muragl]. MSc Thesis, Ingenieurschule beider Basel, Basel, Switzerland. pp. (in German).
 213. Fraver, M. (2003). Hydrology of thermokasrt ponds near Council, Alaska. [Original: Hydrology of Thermokasrt Ponds Near Council, Alaska]. MSc. Thesis, Institute of Northern Engineering, WERC, University of Alaska Fairbanks, Fairbanks, USA. 106 pp. (in English).
 214. Frey, K.E. (2005). Establishing a baseline for West Siberia in scenarios of global change; climate, land cover and stream biogeochemistry. [Original: Establishing a baseline for West Siberia in scenarios of global change; climate, land cover and stream biogeochemistry]. Ph.D. Thesis, USA. 237 pp. (in English).
 215. Friedl, M.A. (1985). Rainfall streamflow relations in a small Subarctic catchment. [Original: Rainfall streamflow relations in a small Subarctic catchment]. B.A. Honours Thesis, McGill University, Montreal, Canada. pp. (in English).
 216. Friedrich, K. (2000). Energy and water budget of a tundra site in the Lena Delta. [Original: Energie- und Wasserhaushalt eines Tundrenstandorts im Lena-Delta]. Diploma Thesis, Technical University Dresden, Dresden, Germany. 74 pp. (in German).
 217. Froese, D.G. (1997). Sedimentology and paleomagnetism of Plio-Pleistocene lower Klondike valley terraces, Yukon Territory. [Original: Sedimentology and paleomagnetism of Plio-Pleistocene lower Klondike valley terraces, Yukon Territory]. M.Sc. Thesis, Dept. of Geography, University of Calgary, Calgary, Canada. 153 pp. (in English).
 218. Froese, D.G. (2002). Eastern Beringian paleoclimate from fluvial and eolian deposits, Plio-Pleistocene middle Yukon River, central Yukon and Alaska. [Original: Eastern Beringian paleoclimate from fluvial and eolian deposits, Plio-Pleistocene middle Yukon River, central Yukon and Alaska]. Ph.D. Thesis, University of Calgary, Calgary, Canada. 134 pp. (in English).
 219. Furrer, B. and Hutter, J. (1994). Vegetation in the Corvatsch region and relations to permafrost distribution. [Original: Die Vegetation im Corvatsch-Gebiet und ihre Beziehung zum Permafrost]. MSc Thesis, Abteilung für Umweltnaturwissenschaften (XB), ETH Zürich, Zürich, Switzerland. 99 pp. (in German).
 220. Furuberg, T. (1981). Mechanical properties of warm permafrost. [Original: Mekaniske eigenskapar av "varm permafrost"]. Diploma Thesis, Department of Geotechnical Engineering, NTNU, Trondheim, Norway. pp. (in Norwegian).
 221. Gagnon, A.S. (2004). Recent trends and scenarios of climate change in Hudson Bay and surrounding seas. [Original: Recent trends and scenarios of climate change in Hudson Bay and surrounding seas]. Ph.D. Thesis, University of Toronto, Toronto, Canada. 149 pp. (in English).
 222. Galinato, G.J., Jr. (1988). Soil moisture and nitrate movement under freezing conditions. [Original: Soil moisture and nitrate movement under freezing conditions]. Ph.D. Thesis, Iowa State University, Ames, USA. 255 pp. (in English).
 223. Gall, V. (2004). Capacity of frozen soil for shallow tunnel pre-support underneath a building founded on wooden piles. [Original: Capacity of frozen soil for shallow tunnel pre-support underneath a building founded on wooden piles]. Ph.D. Thesis, 238 pp. (in English).
 224. Gallinger, B.J. (1991). Permafrost degradation and thermokarst processes associated with human-induced disturbances, Fort Norman, N.W.T. [Original: Permafrost degradation and thermokarst processes associated with human-induced disturbances, Fort Norman, N.W.T.]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 228 pp. (in English).

225. Ganzert, L. (2005). Biodiversity of methanogenic Archaea in Arctic soils of the Lena Delta, Siberia. [Original: Biodiversität methanogener Archaeen in arktischen Böden des Lena-Delta / Sibirien]. Diploma Thesis, University of Potsdam, Potsdam, Germany. 89 pp. (in German).
226. Garbeil, H.M. (1983). Temperature effects upon the closure of a gravel room in permafrost. [Original: Temperature effects upon the closure of a gravel room in permafrost]. M.Sc. Thesis, School of Mineral Engineering., University of Alaska Fairbanks, Fairbanks, USA. 134 pp. (in English).
227. Gardaz, J.-M. (1998). Permafrost prospecting, periglacial and rock glacier hydrology in mountain areas. Case studies in the Valais Alps, Switzerland. [Original: Permafrost prospecting, periglacial and rock glacier hydrology in mountain areas. Case studies in the Valais Alps, Switzerland]. PhD Thesis, Institute of Geography, University of Fribourg, Fribourg, Switzerland. 184 pp. (in English).
228. Gasanov, S.S. (1979). The most specific features of lithogenesis in the cryogenic zone (cryolithogenesis). [Original: Главнейшие особенности литогенеза в криогенной зоне (криолитогенез)]. Doktor geographicheskikh nauk Thesis, Faculty of Geography, Moscow State University, Moscow, Russia. pp. (in Russian).
229. Gasselt, S.v. (2007). Cold-Climate Landforms on Mars. [Original: Cold-Climate Landforms on Mars]. Ph.D. Thesis, Geosciences, Free University Berlin, Berlin, Germany. 292 pp. (in English).
230. Gavrilyev, P.P. (1992). Geocryological fundamentals for melioration and effective land use in Yakutia. [Original: Геокриологические основы мелиорации и рационального использования земель Якутии]. Doktor geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
231. Gavrilyev, R.I. (1999). Thermophysical properties of rocks and surface covers in the cryolithozone. [Original: Теплофизические свойства горных пород и напочвенных покровов криолитозоны]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
232. Gell, A.W. (1973). Ice petrofabrics, Tuktoyaktuk, N.W.T., Canada. [Original: Ice petrofabrics, Tuktoyaktuk, N.W.T., Canada]. MSc Thesis, University of British Columbia, Vancouver, B.C., Canada. 167 pp. (in English).
233. Gell, W.A. (1976). Underground ice in permafrost, Mackenzie Delta-Tuktoyaktuk Peninsula, N.W.T. [Original: Underground ice in permafrost, Mackenzie Delta-Tuktoyaktuk Peninsula, N.W.T.]. Ph.D. Thesis, University of British Columbia, Vancouver, Canada. 260 pp. (in English).
234. Geng, G.Q. (1994). Simulation study of soil erosion by snowmelt and spring rainfall. [Original: Simulation study of soil erosion by snowmelt and spring rainfall]. Ph.D. Thesis, McGill University, Montreal, Canada. 227 pp. (in English).
235. Gerber, E. (1994). Geomorphology and geomorphodynamics in the Lona-Sasseneire region (Wallis, Swiss Alps): Special considerations regarding unconsolidated sediments with permafrost. [Original: Geomorphologie und Geomorphodynamik der Region Lona-Sasseneire (Wallis, Schweizer Alpen): Unter besonderer Berücksichtigung von Lockersedimenten mit Permafrost]. PhD Thesis, Geographisches Institut, Universität Freiburg, Freiburg, Germany. 330 pp. (in German).
236. Ghobrial, N. (1990). Analysis and design for frost effect in soil-steel structures. [Original: Analysis and design for frost effect in soil-steel structures]. M.Sc. Thesis, University of Windsor, Windsor, Canada. 117 pp. (in English).
237. Giardino, J. (1979). Rock glacier mechanics and chronologies, Mount Mestas, Colorado. [Original: Rock glacier mechanics and chronologies, Mount Mestas, Colorado]. Ph.D. Thesis, University of Nebraska, Lincoln, USA. 244 pp. (in English).
238. Gibson, J.J. (1991). Isotope Hydrology and Water Balance Investigations in the Manners Creek Watershed, District of Mackenzie, Northwest Territories. [Original: Isotope Hydrology and Water Balance Investigations in the Manners Creek Watershed, District of Mackenzie, Northwest Territories]. M.Sc. Thesis, Dept. of Earth Sciences, University of Waterloo, Waterloo, Canada. 235 pp. (in English).

239. Gilbert, H. (1979). Ecology of green alder (*Alnus crispa* (Ait.) Pursh) populations at the tree limit, rivière aux Feuilles, Nouveau-Québec. [Original: *Écologie des populations d'aulne vert (Alnus crispa* (Ait.) Pursh) à la limite des forêts, rivière aux Feuilles, Nouveau-Québec]. M.Sc. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 73 pp. (in French).
240. Glushkov, I.P. (1997). Developing effective ways of weakening and loosening frozen grounds (case studies in Transbaikalia). [Original: *Razrabotka effektivnykh sposobov razuprochneniia rykhleniia merzlykh gruntov (na primere Zabaikal'ia)*]. Master's Thesis, Vserossiiskii Nauchno-Tekhnicheskii Informatsionnyi Tsent, Moscow, Russia. 146 pp. (in Russian).
241. Gobelman, S. (1985). Sublimation from reconstituted frozen silt. [Original: *Sublimation from reconstituted frozen silt*]. M.Sc. Thesis, School of Mineral Engineering, University of Alaska Fairbanks, Fairbanks, USA. 106 pp. (in English).
242. Goeller, N. (2005). Measurement of selected thermal and physical properties of organic soil by direct and indirect methods. [Original: *Measurement of selected thermal and physical properties of organic soil by direct and indirect methods*]. M.Sc. Thesis, Simon Fraser University, Canada. 00124 pp. (in English).
243. Goit, J.B. (1977). Development of a dual energy gamma system to study soil freezing. [Original: *Development of a dual energy gamma system to study soil freezing*]. M.Sc. Thesis, University of Guelph, Guelph, Ont., Canada. 143 pp. (in English).
244. Goncharov, Y.M. (1989). Development and improvement of effective methods for foundation construction on frozen soil. [Original: *Разработка и совершенствование эффективных методов фундаментостроения на многолетнемерзлых грунтах*]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
245. Goodwin, C.W. (1972). An annual active-layer simulator for permafrost regions. [Original: *An annual active-layer simulator for permafrost regions*]. M.Sc. Thesis, University of Michigan, Ann Arbor, USA. 71 pp. (in English).
246. Gopal, R.K. (1986). Endochronic constitutive modeling of marine fiber reinforced concrete and frozen soil. [Original: *Endochronic constitutive modeling of marine fiber reinforced concrete and frozen soil*]. Ph.D. Thesis, University of Florida, Gainesville, USA. 155 pp. (in English).
247. Gotovzev, S.P. (1993). Characteristics of permafrost temperature formation in the Yakutian diamond province. [Original: *Особенности формирования температуры мерзлых пород Якутской алмазной провинции*]. Kandidat geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
248. Goughnour, R.R. (1968). Soil-ice system and the shear strength of frozen soils. [Original: *Soil-ice system and the shear strength of frozen soils*]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 153 pp. (in English).
249. Graf, K.J. (1981). Solifluction in the Bundner Alps (Switzerland) and in the Peruvian and Bolivian Andes. [Original: *Solifluction in the Bundner Alps (Switzerland) and in the Peruvian and Bolivian Andes*]. Ph.D. Thesis, University of Zurich, Zurich, Switzerland. pp. (in English).
250. Graham, P.C. (1986). The hydrology of a ground ice slump, Banks Island, N.W.T., Canada. [Original: *The hydrology of a ground ice slump, Banks Island, N.W.T., Canada*]. B.Sc. Thesis, Dept. of Geography, Erindale College, University of Toronto, Toronto, Canada. 47 pp. (in English).
251. Greene, D.F. (1983). Permafrost, fire, and the regeneration of white spruce at Arctic treeline near Inuvik, Northwest Territories, Canada. [Original: *Permafrost, fire, and the regeneration of white spruce at Arctic treeline near Inuvik, Northwest Territories, Canada*]. M.Sc. Thesis, Dept. of Geography, University of Calgary, Calgary, Canada. 138 pp. (in English).
252. Greenstein, L. (1983). Alpine permafrost on Niwot Ridge based on indirect locational techniques. [Original: *Alpine permafrost on Niwot Ridge based on indirect locational techniques*]. M.Sc. Thesis, University of Colorado, Boulder, USA. 103 pp. (in English).
253. Grip, N. (1997). Dimensional analysis and numerical solution of the rigid ice model of frost heave with hints on how to implement the solution in Matlab. [Original: *Dimensional analysis and numerical solution of the rigid ice model of frost heave with hints on how to implement the*

- solution in Matlab]. Master's Thesis, Department of Mathematics, Lulea University of Technology, Lulea, Sweden. 147 pp. (in English).
254. Grosse, G. (2000). Mapping of Late Quaternary sedimentary permafrost deposits on Bol'shoy Lyakhovsky Island, New Siberian Island. [Original: Kartierung quartärer Sedimentablagerungen im Permafrost auf Bol'shoy Lyakhovsky, Neusibirische Inseln]. Diploma Mapping Thesis, Institute for Geology, Technical University and Mining Academy Freiberg / Alfred Wegener Institute for Polar and Marine Research, Freiberg, Germany. 79 pp. (in German).
 255. Grosse, G. (2001). Geochronology of Late Quaternary deposits at the Laptev Sea coast, North Siberian Arctic, using Infrared Optical Stimulated Luminescence. [Original: Geochronologie mit Infrarot Optisch Stimulierter Lumineszenz an spätquartären Sedimenten der Laptevsee-Küste, nordsibirische Arktis]. Diploma Thesis, Institute for Geology, Technical University and Mining Academy Freiberg / Alfred Wegener Institute for Polar and Marine Research, Freiberg, Germany. 91 pp. (in German).
 256. Grosse, G. (2005). Characterisation and evolution of periglacial landscapes in Northern Siberia during the Late Quaternary - Remote sensing and GIS studies. [Original: Characterisation and evolution of periglacial landscapes in Northern Siberia during the Late Quaternary - Remote sensing and GIS studies]. Ph.D. Thesis, Faculty of Mathematics and Natural Sciences, University of Potsdam, Potsdam, Germany. 126 pp. (in English).
 257. Gruber, S. (2000). Slope Instability and Permafrost – A spatial analysis in the Matter Valley, Switzerland. [Original: Slope Instability and Permafrost – A spatial analysis in the Matter Valley, Switzerland]. Master Thesis, Institute for Geography, Justus-Liebig-University of Giessen, Giessen, Germany. 66 pp. (in English).
 258. Gruber, S. (2005). Mountain permafrost: transient spatial modelling, model verification and the use of remote sensing. [Original: Mountain permafrost: transient spatial modelling, model verification and the use of remote sensing]. Ph.D. Thesis, Department of Geography, University of Zurich, Zurich, Switzerland. 123 pp. (in English).
 259. Gude, M. (2003). Events and trends as factors of periglacial geosystem dynamics [Original: Ereignisse und Trends als Faktoren der Dynamik in periglazialen Geosystemen]. Habilitation Thesis, University of Jena, Jena, Germany. 2003 pp. (in German).
 260. Gudevang, E. (1999). The relationship of permafrost with climate and topography - studies from Jotunheimen and Dovrefjell, Norway. [Original: Permafrostens avhengighet av klima og topografi – undersøkelser i Jotunheimen og på Dovrefjell]. MSc Thesis, Department of Physical Geography, University of Oslo, Oslo, Norway. 78 pp. (in Norwegian).
 261. Guluy, S.A. (2001). Basics of the application of thermal pumps in the cryolithozone. [Original: Основы применения тепловых насосов в геотехнике криолитозоны]. Kandidat technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 262. Guoyu, L. (2007). Study on cooling mechanisms and design principles for a new embankment structure in warm permafrost regions. [Original: PhD Thesis, State Key Laboratory of Frozen Soil Engineering, Lanzhou, China. 151 pp. (in Chinese).
 263. Gurevich, V.M. (1992). Characteristics of andesite and dolerite transformation due to cryogenic weathering processes. [Original: Особенности преобразования андезитов и долеритов в процессе криогенного выветривания]. Kandidat geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 264. Gurvin, P.E. (1968). Investigation of the Parameters Influencing the Loads on Underground Structures Located in a Frozen Soil Medium Subjected to a Nuclear-Blast Loaded Environment. [Original: Investigation of the Parameters Influencing the Loads on Underground Structures Located in a Frozen Soil Medium Subjected to a Nuclear-Blast Loaded Environment]. M.Sc. Thesis, School of Engineering and Applied Science, George Washington University, Washington, USA. 87 pp. (in English).
 265. Gustafson, C.A. (1986). Debris flows along the Slims River valley, Kluane National Park, Yukon Territory. [Original: Debris flows along the Slims River valley, Kluane National Park, Yukon Territory]. M.Sc. Thesis, Dept. of Geography, University of Calgary, Calgary, Canada. 158 pp. (in English).

266. Guthrie, R.S. (1990). The geology and distribution of oriented landforms and associated features in northeastern Nebraska. [Original: The geology and distribution of oriented landforms and associated features in northeastern Nebraska]. Ph.D. Thesis, University of Nebraska, Lincoln, USA. 00143 pp. (in English).
267. Haagensen, S.T. (2001). Cartography and fuzzy logic related to permafrost and geomorphological mapping. [Original: Kartografi og fuzzy logic knyttet til permafrost og geomorfologisk kartlegging]. M.Sc. Thesis, University of Oslo, Oslo, Norway. pp. (in Norwegian).
268. Haarstad, K. (1989). Hydrogeological and Thermal Conditions for Utilization of Low-Temperature Geothermal Energy. [Original: Hydrogeologiske Og Termiske Forutsetninger for Utnyttelse Av Lavtemperatur Geotermisk Energi]. Dr.ing. Thesis, University of Trondheim, Trondheim, Norway. 130 pp. (in Norwegian).
269. Hackney, D.A. (1978). Identification of and significant parameters of mining properties located in Arctic and Subarctic areas of North America. [Original: Identification of and significant parameters of mining properties located in Arctic and Subarctic areas of North America]. M.Sc. Thesis, Mineral Industry Research Laboratory, University of Alaska Fairbanks, Fairbanks, USA. 223 pp. (in English).
270. Haeberli, W. (1975). Investigation of permafrost distribution between Fluelapass and Piz Grialetsch (Graubunden). [Original: Untersuchungen zur Verbreitung von Permafrost zwischen Flüelapass und Piz Grialetsch (Graubünden)]. PhD Thesis, Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie, ETH Zürich, Zürich, Switzerland. 221 pp. (in German).
271. Haest, R.A. (1986). The influence of the Weichselian glaciation on the geomorphology of the Noorderkempen. [Original: Invloed Van Het Weichsel-Glaciaal Op De Geomorfologie Van De Noorderkempen]. Dr.sc. Thesis, Katholieke Universiteit Leuven, Leuven, Belgium. 00292 pp. (in Dutch).
272. Halliwell, D.H. (1990). A numerical model of the surface energy balance and ground thermal regime in organic permafrost terrain. [Original: A numerical model of the surface energy balance and ground thermal regime in organic permafrost terrain]. Ph.D. Thesis, McMaster University, Hamilton, Canada. pp. (in English).
273. Hamann, H.B. (2002). The ionic pulse, snowmelt flowpaths, and surface water chemistry in two alpine basins, Colorado Rocky Mountains, U.S.A. [Original: The ionic pulse, snowmelt flowpaths, and surface water chemistry in two alpine basins, Colorado Rocky Mountains, U.S.A.]. Ph.D. Thesis, 135 pp. (in English).
274. Hammamji, Y. (1969). Some Factors Affecting Heaving Pressures of Frozen Soils. [Original: Some Factors Affecting Heaving Pressures of Frozen Soils]. M.Eng. Thesis, McGill University, Montreal, Canada. 94 pp. (in English).
275. Hampton, C.N. (1988). Strength and creep testing for artificial ground freezing. [Original: Strength and creep testing for artificial ground freezing]. Ph.D. Thesis, University of Nottingham, Nottingham, USA. 242 pp. (in English).
276. Han, S. (2006). Modeling the mechanics of freezing clay. [Original: Modeling the mechanics of freezing clay]. Ph.D. Thesis, 187 pp. (in English).
277. Han, Y.C. (1995). Dynamic behaviour of pile foundations with soil-pile interaction. [Original: Dynamic behaviour of pile foundations with soil-pile interaction]. Ph.D. Thesis, Memorial University of Newfoundland, St. John's, Canada. 236 pp. (in English).
278. Hare, M. (1985). Conditions associated with frost action in rocks : a field and laboratory investigation. [Original: Conditions associated with frost action in rocks : a field and laboratory investigation]. M.A. Thesis, Carleton University, Ottawa, Canada. pp. (in English).
279. Harper, J.R. (1978). The physical processes affecting the stability of tundra cliff coasts. [Original: The physical processes affecting the stability of tundra cliff coasts]. Ph.D. Thesis, Louisiana State University, Baton Rouge, USA. 212 pp. (in English).
280. Harris, H.J.H. (1981). Hydrology and hydrogeochemistry of the south fork, Wright Valley, southern Victoria Land, Antarctica. [Original: Hydrology and hydrogeochemistry of the south fork, Wright Valley, southern Victoria Land, Antarctica]. Ph.D. Thesis, University of Illinois, Urbana-

- Champaign, USA. 341 pp. (in English).
281. Harry, D.G. (1982). Aspects of the permafrost geomorphology of south west Banks Island, Western Canadian Arctic. [Original: Aspects of the permafrost geomorphology of south west Banks Island, Western Canadian Arctic]. Ph.D. Thesis, Dept. of Geography, University of Ottawa, Ottawa, Canada. 230 pp. (in English).
 282. Hastings, R.I. (1983). Soil, vegetation relationships on an involuted hill, Pleistocene Mackenzie Delta area, N.W.T. [Original: Soil, vegetation relationships on an involuted hill, Pleistocene Mackenzie Delta area, N.W.T.]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 100 pp. (in English).
 283. Hauck, C. (2001). Geophysical methods for detecting permafrost in high mountains. [Original: Geophysical methods for detecting permafrost in high mountains]. Ph.D. Thesis, Department of Earth Sciences, ETH Zürich / Laboratory for Hydraulics, Hydrology and Glaciology (VAW), Zürich, Switzerland. 204 pp. (in English).
 284. Haugland, J.E. (2003). Soil development and vegetation establishment within patterned ground on recently deglaciated terrain; Jotunheimen, Norway. [Original: Soil development and vegetation establishment within patterned ground on recently deglaciated terrain; Jotunheimen, Norway]. Ph.D. Thesis, 182 pp. (in English).
 285. Hecquet, J.-C. (1995). Microbiological characterisation and measurement of microbial activity of northern tundra soils. [Original: Caractérisation microbiologique et mesure de l'activité microbienne de sols de toundra nordique]. Ph.D. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 110 pp. (in French).
 286. Heggem, E.S.F. (1999). Adaptation, sensitivity tests and application of a spatially distributed radiation balance model (SRAD). [Original: Tilrettelegging, sensitivitetstesting og anvendelse av en romlig fordelt strålingsbalansemodell (SRAD)]. MSc Thesis, Department of Physical Geography, University of Oslo, Oslo, Norway. 76 pp. (in Norwegian).
 287. Heggem, E.S.F. (2005). Mountain permafrost distribution and ground surface temperature variability in Southern Norway and Northern Mongolia: spatial modelling and validation. [Original: Mountain permafrost distribution and ground surface temperature variability in Southern Norway and Northern Mongolia: spatial modelling and validation]. Ph.D. Thesis, Department of Geosciences, University of Oslo, Oslo, Norway. pp. (in English).
 288. Heinzl, J. (2003). Stratigraphy and composition and of the upper permafrost layer in glaciofluvial and glacial deposits of Spitsbergen - Basic investigations with Ground Penetrating Radar. [Original: Aufbau und Zusammensetzung der oberen Permafrostschicht in glazifluvialen und glazimarinen Ablagerungen Spitzbergens – Grundlagen zur Erklärung von Georadarsignalen]. Diploma Thesis, Johannes Gutenberg University Mainz, Mainz, Germany. 100 pp. (in German).
 289. Heldmann, J.L. (2003). An investigation of recent water in the cold climates of Earth and Mars. [Original: An investigation of recent water in the cold climates of Earth and Mars]. Ph.D. Thesis, University of Colorado, Boulder, USA. 180 pp. (in English).
 290. Henry, K.A. (1999). Modeling Canadian permafrost under projected climate change scenarios. [Original: Modeling Canadian permafrost under projected climate change scenarios]. M.A. Thesis, Carleton University, Ottawa, Canada. 119 pp. (in English).
 291. Henry, K.S. (1987). A laboratory investigation of the use of geotextiles to mitigate frost heave and a case study of potential causes of frost heave. [Original: A laboratory investigation of the use of geotextiles to mitigate frost heave and a case study of potential causes of frost heave]. Master's Thesis, 155 pp. (in English).
 292. Henry, K.S. (1998). Use of geosynthetics to mitigate frost heave in soils. [Original: Use of geosynthetics to mitigate frost heave in soils]. Ph.D. Thesis, University of Washington, Seattle, USA. 333 pp. (in English).
 293. Hermanson, M.H. (1985). Ice and sediment factors in the selection of Inuit water supplies from lentic sources. [Original: Ice and sediment factors in the selection of Inuit water supplies from lentic sources]. Ph.D. Thesis, University of Wisconsin, Milwaukee, USA. 222 pp. (in English).

294. Hermansson, A. (2002). Modeling of frost heave and surface temperatures in roads. [Original: Modeling of frost heave and surface temperatures in roads]. Doctoral Thesis, Department of Civil and Mining Engineering, Lulea University of Technology, Lulea, Sweden. pp. (in English).
295. Hernandez, H. (1972). Surficial disturbance and natural plant recolonization in the Tuktoyaktuk Peninsula region, N.W.T. [Original: Surficial disturbance and natural plant recolonization in the Tuktoyaktuk Peninsula region, N.W.T.]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 99 pp. (in English).
296. Herz, T. (2006). The microclimate of coarse debris covers in the periglacial belt of high mountains and its effects on the energy exchange between atmosphere and lithosphere. [Original: Das Mikroklima grobblockiger Schutthalden der alpinen Periglazialstufe und seine Auswirkungen auf Energieaustauschprozesse zwischen Atmosphäre und Lithosphäre]. Ph.D. Thesis, Institute for Geography, Justus-Liebig-Universität Giessen, Giessen, Germany. pp. (in German).
297. Hildebrand, E.E. (1985). Prediction of thaw settlement and surface roughness for highways in permafrost areas. [Original: Prediction of thaw settlement and surface roughness for highways in permafrost areas]. Ph.D. Thesis, University of Waterloo, Waterloo, Canada. pp. (in English).
298. Hill, D.W. (1977). The influence of temperature and load on moisture transfer in freezing soils. [Original: The influence of temperature and load on moisture transfer in freezing soils]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 137 pp. (in English).
299. Hilton, M.R. (2002). Evaluating site formation processes at a higher resolution: an archaeological case study in Alaska using micromorphology and experimental techniques. [Original: Evaluating site formation processes at a higher resolution: an archaeological case study in Alaska using micromorphology and experimental techniques]. Ph.D. Thesis, UCLA, Los Angeles, USA. 381 pp. (in English).
300. Hinkel, K.M. (1986). Palsa formation in north-central Alaska. [Original: Palsa formation in north-central Alaska]. Ph.D. Thesis, University of Michigan, Ann Arbor, USA. 200 pp. (in English).
301. Hinzman, L.D. (1990). The interdependence of the thermal and hydrologic processes of an Arctic watershed and their response to climatic change. [Original: The interdependence of the thermal and hydrologic processes of an Arctic watershed and their response to climatic change]. Ph.D. Thesis, University of Alaska Fairbanks, Fairbanks, USA. 425 pp. (in English).
302. Hivon, E.G. (1991). Behaviour of saline frozen soils. [Original: Behaviour of saline frozen soils]. Ph.D. Thesis, Dept. of Civil and Environmental Engineering, University of Alberta, Edmonton, Canada. 435 pp. (in English).
303. Hjort, J. (2006). Environmental factors affecting the occurrence of periglacial landforms in Finnish Lapland: a numerical approach. [Original: Environmental factors affecting the occurrence of periglacial landforms in Finnish Lapland: a numerical approach]. Ph.D. Thesis, Department of Geography, University of Helsinki, Helsinki, Finland. 162 pp. (in English).
304. Hoelzle, M. (1989). Investigation of permafrost distribution in the Oberengadin. [Original: Untersuchungen zur Permafrostverbreitung im Oberengadin]. MSc Thesis, VAW-ETH Zürich, Abteilung für Naturwissenschaften, ETH Zürich, Zürich, Switzerland. 79 pp. (in German).
305. Hoelzle, M. (1994). Permafrost and glaciers in the Upper Engadin. Fundamentals and examples of automated estimation procedures [Original: Permafrost und Gletscher im Oberengadin. Grundlagen und Anwendungsbeispiele für automatisierte Schätzverfahren]. PhD Thesis, Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie der ETH Zürich, ETH Zürich, Zürich, Switzerland. 119 pp. (in German).
306. Hof, R. Climate change documentation and natural hazard prevention using long-term monitoring of permafrost-related data - Examples from the Alps. [Original: Climate-Change-Dokumentation und Naturgefahren-Prävention mittels Langzeitmonitoring von permafrostbezogenen Daten - Beispiele aus dem Alpenraum]. Diploma Thesis, Germany. pp. (in German).
307. Hofmann, L.L. (1990). Freezing effects on water and solute redistribution in unsaturated soils. [Original: Freezing effects on water and solute redistribution in unsaturated soils]. M.Sc. Thesis,

- North Dakota State University, Fargo, USA. 104 pp. (in English).
308. Hohl, A.H. (1970). Periglacial features and related surficial deposits of Bull Creek Basin, Henry Mountains, Utah [Original: Periglacial features and related surficial deposits of Bull Creek Basin, Henry Mountains, Utah]. Ph.D. Thesis, Johns Hopkins University, Baltimore, USA. 234 pp. (in English).
 309. Holden, J.B. (1999). A permafrost-based water balance model. [Original: A permafrost-based water balance model]. Master Thesis, 45 pp. (in English).
 310. Holt, E.J. (2001). Building science : an interdisciplinary tool for building analysis. [Original: Building science : an interdisciplinary tool for building analysis]. M.E.Des. Thesis, University of Calgary, Calgary, Canada. 160 pp. (in English).
 311. Hons, D.B. (1975). Thermophysical characterization of the surface tier of an organic soil at sub-zero temperatures. [Original: Thermophysical characterization of the surface tier of an organic soil at sub-zero temperatures]. M.Sc. Thesis, University of Guelph, Guelph, Ont., Canada. 150 pp. (in English).
 312. Horiguchi, K. (1979). Studies on the behavior of unfrozen interlamellar water in frozen soil. [Original: Studies on the behavior of unfrozen interlamellar water in frozen soil]. Ph.D. Thesis, Institute of Low Temperature Science, Hokkaido University, Sapporo, Japan. 78 pp. (in English).
 313. Horvath, C.L. (1998). An evaluation of ground penetrating radar for investigations of palsa evolution, Macmillan Pass, Northwest Territories. [Original: An evaluation of ground penetrating radar for investigations of palsa evolution, Macmillan Pass, Northwest Territories]. M.Sc. Thesis, Department of Earth and Atmospheric Sciences, University of Alberta, Edmonton, Canada. 207 pp. (in English).
 314. Horwath, J.L. (2007). Quantification and spatial assessment of high Arctic soil organic carbon storage in northwest Greenland. [Original: Quantification and spatial assessment of high Arctic soil organic carbon storage in northwest Greenland]. Ph.D. Thesis, University of Washington, Seattle, USA. pp. (in English).
 315. Howes, J.E. (2000). Regolithic fine-fraction weathering patterns in the northwest Ruby Range of the Yukon Territory, Canada. [Original: Regolithic fine-fraction weathering patterns in the northwest Ruby Range of the Yukon Territory, Canada]. Ph.D. Thesis, Carleton University, Ottawa, Canada. pp. (in English).
 316. Hromadka, T.V., II. (1980). Mathematical model of frost heave in freezing soils. [Original: Mathematical model of frost heave in freezing soils]. Ph.D. Thesis, University of California, Irvine, USA. 178 pp. (in English).
 317. Hu, J. (1996). Frost-heave induced interaction between buried pipelines and soils. [Original: Frost-heave induced interaction between buried pipelines and soils]. Ph.D. Thesis, McGill University, Montreal, Canada. 176 pp. (in English).
 318. Hu, Q. (2006). Winter and spring thaw nitrous oxide emissions linked to nitrous oxide production in the soil profile. [Original: Winter and spring thaw nitrous oxide emissions linked to nitrous oxide production in the soil profile]. Ph.D. Thesis, 174 pp. (in English).
 319. Hu, X. (1997). A hydrological analysis of icing formation. [Original: A hydrological analysis of icing formation]. Ph.D. Thesis, 152 pp. (in English).
 320. Hugenholtz, C.H. (2002). Morphometry and biophysical characteristics of turf-banked lobes and terraces, Kluane Lake, Yukon Territory. [Original: Morphometry and biophysical characteristics of turf-banked lobes and terraces, Kluane Lake, Yukon Territory]. M.Sc. Thesis, University of Ottawa, Ottawa, Canada. 179 pp. (in English).
 321. Huggel, C. (1998). Analysis of periglacial lakes from aerial and satellite imagery. [Original: Periglaziale Seen im Luft- und Satellitenbild]. MSc Thesis, Department of Geography, University of Zurich, Zurich, Switzerland. pp. (in German).
 322. Huggel, C. (2004). Assessment of glacial and periglacial hazards by remote sensing and GIS. [Original: Assessment of glacial and periglacial hazards by remote sensing and GIS]. Ph.D. Thesis, University of Zurich, Zurich, Switzerland. pp. (in English).
 323. Huisman, L.M. (2002). Development of compression wood in trees of the "Drunken Forest",

- central Yukon Territory. [Original: Development of compression wood in trees of the "Drunken Forest", central Yukon Territory]. M.A. Thesis, Carleton University, Ottawa, Canada. 107 pp. (in English).
324. Hürlimann, M. (1994). Potential mud flow zones in the periglacial of the Upper Engadine. [Original: Potentielle Murganganrisszonen im Periglazial des Oberengadins]. MSc Thesis, Abteilung für Naturwissenschaften, EZH Zürich, Zürich, Switzerland. 61 pp. (in German).
325. Hurych, U. (1987). Investigations on frost weathering - Field studies at the Gornergrat and experimental studies. [Original: Untersuchungen zur Frostverwitterung – Geländeaufnahmen am Gornergrat und experimentelle Untersuchungen]. Master Thesis, Institute for Geography, JLU Giessen, Giessen, Germany. 231 pp. (in German).
326. Hutchinson, D.J. (1989). Model Pile Load Tests in Frozen Saline Silty Sand. [Original: Model Pile Load Tests in Frozen Saline Silty Sand]. M.Sc. Thesis, Dept. of Civil and Environmental Engineering, University of Alberta, Edmonton, Canada. pp. (in English).
327. Hyatt, J.A. (1993). Permafrost conditions near two water storage facilities on Baffin Island, Northwest Territories. [Original: Permafrost conditions near two water storage facilities on Baffin Island, Northwest Territories]. Ph.D. Thesis, Queen's University, Kingston, Canada. 294 pp. (in English).
328. Ikeda, A. (2004). Rock glacier dynamics near the lower limit of mountain permafrost in the Swiss Alps. [Original: Rock glacier dynamics near the lower limit of mountain permafrost in the Swiss Alps]. PhD Thesis, Institute of Geoscience, University of Tsukuba, Tsukuba, Japan. 107 pp. (in English).
329. Imhof, M. (1994). The distribution of permafrost in the Bern Alps. [Original: Die Verbreitung von Permafrost in den Berner Alpen]. MSc Thesis, Geographisches Institut, Universität Bern, Bern, Switzerland. 212 pp. (in German).
330. Ippisch, O. (2001). Coupled transport in natural porous media. [Original: Coupled transport in natural porous media]. Ph.D. Thesis, University of Heidelberg, Heidelberg, Germany. pp. (in English).
331. Irving, D.H.B. (2000). The application of geotechnical centrifuge modelling to the deformation of permafrost. [Original: The application of geotechnical centrifuge modelling to the deformation of permafrost]. PhD Thesis, Department of Earth Science, University of Cardiff, Cardiff, UK. pp. (in English).
332. Isaksen, K. (1998). Three rock glaciers near Longyearbyen, Svalbard - surface velocities and inner structures. [Original: Tre steinbreer i området ved Longyearbyen, Svalbard - bevegelse og indre struktur]. MSc Thesis, Department of Geosciences, University of Oslo, Oslo, Norway. 70 pp. (in Norwegian).
333. Isaksen, K. (2001). Past and present ground thermal regime, distribution and creep of permafrost – case studies in Svalbard, Sweden and Norway. [Original: Past and present ground thermal regime, distribution and creep of permafrost – case studies in Svalbard, Sweden and Norway]. Ph.D. Thesis, Department of Geosciences, University of Oslo, Oslo, Norway. 48 + Annex (5 Papers) pp. (in English).
334. Ito, Y. (1993). Evaluation and application of ice segregation parameters for frost heave prediction. [Original: Evaluation and application of ice segregation parameters for frost heave prediction]. Ph.D. Thesis, Oregon State University, Corvallis, USA. 193 pp. (in English).
335. Iudin, M.M. (2002). Thermo-mechanical processes in the massifs of frozen ground due to construction and exploitation of vertical shafts in kimberlite mines at the North. [Original: Термомеханические процессы в массиве многолетнемерзлых пород при строительстве и эксплуатации вертикальных стволов на кимберлитовых рудниках Севера]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
336. Ivanova, L.G. (1997). Influence of salinity and peat cover on deformational properties of frozen grounds. [Original: Vliianie zasolennosti i zatorfovannosti na deformatsionnye svoistva merzlykh gruntov]. Master's Thesis, Vserossiiskii Nauchno-Tekhnicheskii Informatsionnyy Tsentr, Moscow, Russia. 152 pp. (in Russian).

337. Iyer, R.B. (1989). Evaluation and modeling of the diggability characteristics of frozen ground. [Original: Evaluation and modeling of the diggability characteristics of frozen ground]. M.Sc. Thesis, School of Mineral Engineering, University of Alaska Fairbanks, Fairbanks, USA. 209 pp. (in English).
338. Jackson, J.K. (1975). Geophysical study of permafrost drill core from Ross Island and Victoria Valley, Antarctica. [Original: Geophysical study of permafrost drill core from Ross Island and Victoria Valley, Antarctica]. M.Sc. Thesis, Northern Illinois University, DeKalb, USA. 60 pp. (in English).
339. Jaiswal, N.J. (2004). Measurement of gas-water relative permeabilities in hydrate systems. [Original: Measurement of gas-water relative permeabilities in hydrate systems]. M.Sc. Thesis, Dept. of Petroleum Engineering, University of Alaska Fairbanks, Fairbanks, USA. 100 pp. (in English).
340. Jame, Y.W. (1978). Heat and mass transfer in freezing unsaturated soil. [Original: Heat and mass transfer in freezing unsaturated soil]. Ph.D. Thesis, University of Saskatchewan, Saskatoon, Canada. pp. (in English).
341. Janiga, P.V. (1970). In-situ frost heaving. [Original: In-situ frost heaving]. M.Eng. Thesis, McGill University, Montreal, Canada. 138 pp. (in English).
342. Janke, J.R. (2004). Rock glaciers in the Front Range: an analysis of distribution, topoclimatic variables, permafrost, and flow. [Original: Rock glaciers in the Front Range: an analysis of distribution, topoclimatic variables, permafrost, and flow]. Ph.D. Thesis, University of Colorado, Boulder, USA. 167 pp. (in English).
343. Janssen, H. (1994). Enrichment, isolation and characterization of nitrifying and methylotrophic bacteria from permafrost soils. [Original: Anreicherung, Isolierung und Charakterisierung nitrifizierender und methylotropher Bakterien aus Permafrostböden]. Diploma Thesis, University of Hamburg, Hamburg, Germany. pp. (in German).
344. Janz, A.J. (1974). Topographic and site influences on vegetation, soil and their nutrients east of the Mackenzie Delta. [Original: Topographic and site influences on vegetation, soil and their nutrients east of the Mackenzie Delta]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 68 pp. (in English).
345. Jenner, K.-A. (1989). Modern deltaic sedimentation in an Arctic setting : Olivier Islands, Mackenzie Delta, Northwest Territories. [Original: Modern deltaic sedimentation in an Arctic setting : Olivier Islands, Mackenzie Delta, Northwest Territories]. M.Sc. Thesis, Dalhousie University, Halifax, Canada. 119 pp. (in English).
346. Jensen, T.E. (1971). Electrical resistivity investigations in Wright and Taylor Valleys, Antarctica. [Original: Electrical resistivity investigations in Wright and Taylor Valleys, Antarctica]. Master Thesis, Northern Illinois University, DeKalb, USA. 83 pp. (in English).
347. Jetchick, E. (1988). The ice-wedge polygons of the Lake Minto region, North Québec. [Original: Les polygones à coins de sol dans la région du lac Minto, Québec nordique]. M.Sc. Thesis, Université Laval, Sainte-Foy, Québec, Canada. pp. (in French).
348. Jetchick, E. (1998). Stress, deformation and micromorphological aspects of soil freezing under laboratory conditions. [Original: Stress, deformation and micromorphological aspects of soil freezing under laboratory conditions]. Ph.D. Thesis, Carleton University, Ottawa, Canada. 221 pp. (in English).
349. Ji, Z.L. (1996). Effective stress creep model for frozen sand. [Original: Effective stress creep model for frozen sand]. Ph.D. Thesis, University of Manitoba, Winnipeg, Canada. 236 pp. (in English).
350. Johansen, K.V. (1994). Investigating and Mapping Alpine Permafrost in Selected Areas of Southern Norway. [Original: Undersøkelser og kartlegging av alpin permafrost i utvalgte områder i Sør-Norge]. M.Sc. Thesis, University of Oslo, Oslo, Norway. pp. (in Norwegian).
351. Johansen, O. (1975). Thermal conductivity of soils. [Original: PhD Thesis, Trondheim, Norway. pp. (in Norwegian)].
352. Johnston, A.G. (1998). Support of guyed transmission tower - using self-adjusting sprung guy

- wires. [Original: Support of guyed transmission tower - using self-adjusting sprung guy wires]. M.Sc. Thesis, University of Manitoba, Winnipeg, Canada. 93 pp. (in English).
353. Jonasson, C. (1991). Holocene slope processes of periglacial mountain areas in Scandinavia and Poland. [Original: Holocene slope processes of periglacial mountain areas in Scandinavia and Poland]. Ph.D. Thesis, Uppsala University, Uppsala, Sweden. 162 pp. (in English).
354. Jones, B.M. (2006). Spatiotemporal Analysis of Thaw Lakes and Basins, Barrow Peninsula, Arctic Coastal Plain of Northern Alaska. [Original: Spatiotemporal Analysis of Thaw Lakes and Basins, Barrow Peninsula, Arctic Coastal Plain of Northern Alaska]. M.A. Thesis, Department of Geography, University of Cincinnati, Cincinnati, USA. 105 pp. (in English).
355. Jones, I.G. (1976). An attempt to quantify permafrost distribution near Schefferville, Québec. [Original: An attempt to quantify permafrost distribution near Schefferville, Québec]. M.Sc. Thesis, McGill University, Montreal, Canada. 165 pp. (in English).
356. Josefsson, M. (1990). The geoecology of subalpine heaths in the Abisko Valley, northern Sweden; a study of periglacial conditions. [Original: The geoecology of subalpine heaths in the Abisko Valley, northern Sweden; a study of periglacial conditions]. Ph.D. Thesis, Dep. Physical Geography, Uppsala University, Uppsala, Sweden. 187 pp. (in English).
357. Joynt, M.I. (1973). Near surface ground heat flows during the winter at Ottawa, Guelph, and Harrow, Ontario, and Charlottetown, Prince Edward Island. [Original: Near surface ground heat flows during the winter at Ottawa, Guelph, and Harrow, Ontario, and Charlottetown, Prince Edward Island]. M.A. Thesis, Carleton University, Ottawa, Canada. 142 pp. (in English).
358. Juel, E.A. (1989). Moisture-temperature relationships in a sand due to outward, radial freezing. [Original: Moisture-temperature relationships in a sand due to outward, radial freezing]. M.Sc. Thesis, University of Alaska Fairbanks, Fairbanks, USA. 162 pp. (in English).
359. Juliussen, H. (2003). Mapping of permafrost and periglacial features on Sølen and Elgåhogna, central-eastern Norway. [Original: Kartlegging av permafrost og periglasiale former på Sølen og Elgåhogna, Øst-Norge]. M.Sc. Thesis, University of Oslo, Oslo, Norway. 119 pp. (in Norwegian).
360. Juliussen, H. (2007). Near-surface ground thermal regime in permafrost areas of Norway and Svalbard: Processes and geomorphic implications. [Original: Near-surface ground thermal regime in permafrost areas of Norway and Svalbard: Processes and geomorphic implications]. Ph.D. Thesis, Institute of Geosciences, University of Oslo, Oslo, Norway. 88 pp. (in English).
361. Kääh, A. (1996). Photogrammetric analyses for early detection of natural hazards related to glaciers and permafrost in high alpine mountains. [Original: Photogrammetrische Analysen zur Früherkennung gletscher- und permafrostbedingter Naturgefahren im Hochgebirge]. PhD Thesis, Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie der ETH Zürich, ETH Zürich, Zürich, Switzerland. 119 pp. (in German).
362. Kääh, A. (2005). Remote sensing of mountain glaciers and permafrost creep. [Original: Remote sensing of mountain glaciers and permafrost creep]. Habilitation Thesis, Universität Zürich, Zürich, Switzerland. 264 pp. (in English).
363. Kade, A.N. (2006). Biocomplexity of nonsorted circles in the low Arctic Alaska. [Original: Biocomplexity of nonsorted circles in the low Arctic Alaska]. Ph.D. Thesis, USA. 245 pp. (in English).
364. Kälin, M. (1971). The active push moraine of the Thompson Glacier, Axel Heiberg Island, Canadian Arctic Archipelago, Canada. [Original: The active push moraine of the Thompson Glacier, Axel Heiberg Island, Canadian Arctic Archipelago, Canada]. PhD Thesis, Swiss Federal Institute of Technology, ETH Zurich, Zurich, Switzerland. 61 pp. (in English).
365. Kalisch, A. (1997). Permafrost distribution in the Zermatt region - Model calculations and evaluation of results based on field studies. [Original: Permafrostverbreitung im Raum Zermatt – Modellrechnung und Überprüfung der Ergebnisse anhand eigener Geländeuntersuchungen]. Master Thesis, Institute for Geography, JLU Giessen, Giessen, Germany. 116 pp. (in German).
366. Kamenskii, R.M. (1988). Experimental and theoretical basics in forecasting the thermal regime in hydrotechnical constructions and gas pipelines in the cryolithozone. [Original: Экспериментально-теоретические основы прогноза термического режима

- гидротехнических сооружений и газопроводов в криолитозоне]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
367. Kaplina, T.N. (1987). Principles of cryolithogenesis development during late Cenozoic on accumulation plains of north-eastern Asia. [Original: Закономерности развития криолитогеоза в позднем кайнозое на аккумулятивных равнинах Северо-Восточной Азии]. Doktor geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
368. Karpov, Y.G. (1984). Ground ice in the Yenisei North. [Original: Подземные льды Енисейского севера]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. 22 pp. (in Russian).
369. Karte, J. (1979). Spatial distribution and regional differentiation of the Periglacial. [Original: Räumliche Abgrenzung und regionale Differenzierung des Periglaziärs]. Ph.D. Thesis, University of Bochum, Bochum, Germany. 211 pp. (in German).
370. Karunaratne, K.C. (2003). N-factors and the relations between air and surface temperature in discontinuous permafrost near Mayo, Yukon Territory. [Original: N-factors and the relations between air and surface temperature in discontinuous permafrost near Mayo, Yukon Territory]. Master Thesis, Carleton University, Ottawa, Canada. 146 pp. (in English).
371. Kasanskii, O.A. (1990). Relation between permafrost freezing and cryogenic structure of fine-grained ground (case study Kureysko-Khantaysk region). [Original: Взаимосвязь многолетнемерзлого промерзания и криогенного строения тонкодисперсных грунтов (на примере Курейско-Хантайского района)]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
372. Kasper, J.N. (1996). Geomorphic, geophysical and Quaternary studies of ice and soil wedge features in the Foucault River Valley, northern Quebec. [Original: Geomorphic, geophysical and Quaternary studies of ice and soil wedge features in the Foucault River Valley, northern Quebec]. Ph.D. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 339 pp. (in English).
373. Katasonov, E.M. (1954). Lithology of the perennially frozen Quaternary deposits (cryolithology) of the Yana Coastal Lowland. [Original: Литология мерзлых четвертичных отложений (криолитоология) Янской Приморской низменности]. Autoreferat Dissertatsi Kand. Nauk Thesis, Obruchev Permafrost Institute, Moscow, Russia. 25 pp. (in Russian).
374. Kaufman, D.S. (1991). Pliocene-Pleistocene chronostratigraphy, Nome, Alaska. [Original: Pliocene-Pleistocene chronostratigraphy, Nome, Alaska]. Ph.D. Thesis, University of Colorado, Boulder, USA. 297 pp. (in English).
375. Kay, A.E. (1981). The effects of low temperature on the induced polarization response of Mississippi Valley-type ore samples. [Original: The effects of low temperature on the induced polarization response of Mississippi Valley-type ore samples]. M.Sc. Thesis, Dept. of Geology and Geophysics, University of Calgary, Calgary, Canada. 121 pp. (in English).
376. Ke, J. (1997). Water infiltration and its control in arctic underground mines. [Original: Water infiltration and its control in arctic underground mines]. M.Sc. Thesis, School of Mineral Engineering, University of Alaska Fairbanks, Fairbanks, USA. 134 pp. (in English).
377. Keller, F. (1988). Permafrost distribution in the National Park. [Original: Permafrostverbreitung im Nationalpark]. Diploma Thesis, Geographisches Institut, Abteilung für Physische Geographie, Universität Zürich, Zürich, Switzerland. 71 pp. (in German).
378. Keller, F.U. (1993). Interactions of snow and permafrost - An investigation in the Oberengadin. [Original: Interaktionen zwischen Schnee und Permafrost – Eine Grundlagenstudie im Oberengadin]. PhD Thesis, Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie der ETH Zürich, ETH Zürich, Zürich, Switzerland. 145 pp. (in German).
379. Keller, K.A. (2006). Geochemistry of streams, soils, and permafrost and the geochemical effects of climate change in a continuous permafrost region, Arctic Alaska, United States. [Original: Geochemistry of streams, soils, and permafrost and the geochemical effects of climate change in a continuous permafrost region, Arctic Alaska, United States]. Ph.D. Thesis, University of Michigan, Ann Arbor, USA. 180 pp. (in English).

380. Kerfoot, D.E. (1969). The geomorphology and permafrost conditions of Garry Island, N.W.T. [Original: The geomorphology and permafrost conditions of Garry Island, N.W.T.]. Thesis, University of British Columbia, Vancouver, Canada. 308 pp. (in English).
381. Khastou, B. (1970). Study of frost heave in soils. [Original: Etude du gonflement des sols par le gel]. Doctoral Thesis, Université de Paris, Paris, France. 73 pp. (in French).
382. Khilimonyuk, V.E. (1988). Specifics of compressive deformation of unconsolidated ground that thawed under different thermal regimes [Original: Особенности компрессионного деформирования дисперсных пород оттаявших в разных температурных режимах]. Kandidat geologio-mineralogitsheskikh nauk Thesis, Faculty of Geology, Moscow State University, Moscow, Russia. pp. (in Russian).
383. Kholodov, A.L. (1997). Current state and evolution of cryolithozone in Laptev Sea shelf. [Original: Sovremennoe sostoianie i evolyutsiia kriolitozony shel'fa morya Laptevykh]. Master Thesis, Moscow State University, Moscow, Russia. 116 pp. (in Russian).
384. Kholodov, A.L. (2001). Cryolithozone of the Laptev Sea Shelf: modern state and evolution during the Pleistocene and Holocene [Original: PhD Thesis, Geological Department, Moscow State University, Moscow, Russia. pp. (in Russian).
385. Kienast, F. (1998). Paleocarpological studies on Ice Complex deposits from Cape Sabler: A contribution to the reconstruction of Late Quaternary environmental conditions in the Taymyr region. [Original: Paläokarpologische Untersuchungen an Ablagerungen des Eiskomplexes vom Kap Sabler: Ein Beitrag zur Rekonstruktion der spätquartären Umweltbedingungen des Taymyrgebietes]. Diploma Thesis, University of Potsdam, Potsdam, Germany. pp. (in German).
386. Kienast, F. (2002). Reconstruction of the Late Quaternary vegetation and climate history in the Laptev Sea region based on plant macrofossil remains. [Original: Die Rekonstruktion der spätquartären Vegetations- und Klimageschichte der Lapteewsee-Region auf der Basis botanischer Großrestuntersuchungen]. Ph.D. Thesis, University of Potsdam, Potsdam, Germany. pp. (in German).
387. Kim, E.J. (1999). Remote sensing of land surface condition in Arctic tundra regions fro climatological applications using microwave radiometry. [Original: Remote sensing of land surface condition in Arctic tundra regions fro climatological applications using microwave radiometry]. Ph.D. Thesis, University of Michigan, Ann Arbor, USA. 172 pp. (in English).
388. Kim, S. (2002). Coupled heat and moisture flow analysis in unsaturated soil. [Original: Coupled heat and moisture flow analysis in unsaturated soil]. Ph.D. Thesis, 351 pp. (in English).
389. King, L. (1984). Permafrost in Scandinavia. [Original: Permafrost in Skandinavien : Untersuchungsergebnisse aus Lappland, Jotunheimen u. Dovre, Rondane]. Habilitation Thesis, Insitute of Geography, University of Heidelberg, Heidelberg, Germany. 174 pp. (in German).
390. King, R.J. (1983). Corrosion of carbon steel weldments in permafrost. [Original: Corrosion of carbon steel weldments in permafrost]. Ph.D. Thesis, University of Calgary, Calgary, Canada. pp. (in English).
391. Klemets, B.W. (1991). Two dimensional simulation of temperature and moisture distribution in roads during a freeze-thaw cycle. [Original: Two dimensional simulation of temperature and moisture distribution in roads during a freeze-thaw cycle]. M.Sc. Thesis, University of Waterloo, Waterloo, Canada. 122 pp. (in English).
392. Klene, A.E. (1999). The N-Factor in Natural Landscapes: Relations between Air and Soil-Surface Temperatures in the Kuparuk River Basin, Northern Alaska. [Original: The N-Factor in Natural Landscapes: Relations between Air and Soil-Surface Temperatures in the Kuparuk River Basin, Northern Alaska]. M.A. Thesis, State University of New York, Albany, USA. 125 pp. (in English).
393. Klene, A.E. (2005). Urbanization, climate, and frozen ground in Barrow, Alaska. [Original: Urbanization, climate, and frozen ground in Barrow, Alaska]. PhD Thesis, Department of Geography, University of Delaware, Newark, USA. 170 pp. (in English).
394. Kling, J. (1996). Sorted circles and polygons in Northern Sweden: distribution and processes. [Original: Sorted circles and polygons in Northern Sweden: distribution and processes]. Ph.D. Thesis, Department of Physical Geography, Göteborg University, Göteborg, Sweden. pp. (in

- English).
395. Knauf, M.C. (2004). Rock glaciers as contributors to water quality in alpine catchments: Green Lakes Valley, Colorado. [Original: Rock glaciers as contributors to water quality in alpine catchments: Green Lakes Valley, Colorado]. M.A. Thesis, University of Colorado, Boulder, USA. pp. (in English).
 396. Kneisel, C. (1995). Glacier changes and permafrost distribution in two study areas in the Swiss Alps - A study of recent glacier decay and the spatial relationship between mountain glaciers and alpine permafrost. [Original: Gletscherveränderung und Permafrostverbreitung zweier Untersuchungsgebiete der Schweizer Alpen - Eine Untersuchung zum jüngsten Gletscherschwund und dem räumlichen Nebeneinander von Gebirgsgletschern und alpinem Permafrost]. MSc Thesis, Fachbereich VI - Physische Geographie/Geowissenschaften, Universität Trier, Trier, Germany. 115 pp. (in German).
 397. Kneisel, C. (1999). Permafrost in glacier forefields - A comparative study for the Eastern Swiss Alps and North Sweden. [Original: Permafrost in Gletschervorfeldern - Eine vergleichende Untersuchung in den Ostschweizer Alpen und Nordschweden]. Ph.D. Thesis, Germany. 156 pp. (in German).
 398. Kobabe, S. (2001). Comparative investigation of methane fluxes from different arctic habitats in the Lena Delta, Laptev Sea (Siberia). [Original: Vergleichende Untersuchungen zu den Methanflüssen verschiedener arktischer Habitats des Lena Deltas / Laptev See (Sibirien)]. Diploma Thesis, University of Hamburg, Hamburg, Germany. pp. (in German).
 399. Kobabe, S. (2005). Characterization of the microbial community in a Siberian permafrost soil. [Original: Charakterisierung der mikrobiellen Lebensgemeinschaft eines sibirischen Permafrostbodens]. Ph.D. Thesis, University of Potsdam, Potsdam, Germany. 120 pp. (in German).
 400. Koch, R. (2003). Geomorphological mapping in the Bernina area and GIS-based visualization and analysis of the geomorphology in the Upper Engadine region (GR). [Original: Geomorphologische Kartierung im Berninagebiet sowie GIS-basierte Darstellung und Analyse der Geomorphologie im Gebiet Oberengadin (GR)]. MSc Thesis, Geographisches Institut, Universität Zürich, Zürich, Switzerland. 90 pp. (in German).
 401. Kodakova, O.A. (1984). Compressive deformation of frozen ground. [Original: Компрессионное деформирование мерзлых грунтов]. Kandidat geologio-mineralogitsheskikh nauk Thesis, Faculty of Geology, Moscow State University, Moscow, Russia. pp. (in Russian).
 402. Kodial, P. (2005). Thermokarst evolution and sediment transport study in the Caribou-Poker Creeks Research Watershed, Alaska. [Original: Thermokarst evolution and sediment transport study in the Caribou-Poker Creeks Research Watershed, Alaska]. M.S. Thesis, Department of Civil and Environmental Engineering, University of Alaska Fairbanks, Fairbanks, USA. 86 pp. (in English).
 403. Kokelj, S.V. (1998). The effect of detachment sliding on surface wash erosion in the continuous permafrost zone, Hot Weather Creek, Fosheim Peninsula, Ellesmere Island, N.W.T. [Original: The effect of detachment sliding on surface wash erosion in the continuous permafrost zone, Hot Weather Creek, Fosheim Peninsula, Ellesmere Island, N.W.T.]. M.A. Thesis, University of Ottawa, Ottawa, Canada. 212 pp. (in English).
 404. Kokelj, S.V. (2003). Near-surface ground ice in sediments of the Mackenzie Delta region, Northwest Territories. [Original: Near-surface ground ice in sediments of the Mackenzie Delta region, Northwest Territories]. Ph.D. Thesis, Carleton University, Ottawa, Canada. 198 pp. (in English).
 405. Kolesnikov, S.F. (1982). The role of cryogenesis for the formation of composition of Cenozoic deposits of the coastal lowlands in the north-eastern SSSR [Original: Роль криогенеза в формировании состава кайнозойских отложений приморских низменностей Северо-Востока СССР]. Kandidat geographicheskikh nauk Thesis, Faculty of Geography, Moscow State University, Moscow, Russia. pp. (in Russian).
 406. Konishchev, V.N. (1978). Cryogenic weathering as formation factor for loess-like deposits of northern Eurasian [Original: Криогенное выветривание как фактор формирования

- лесовидных образований северной Евразии]. Doktor geographicheskikh nauk Thesis, Faculty of Geography, Moscow State University, Moscow, Russia. pp. (in Russian).
407. Konovalov, A.A. (1988). Fundamentals of thermal state management for frozen foundations for the purpose of increasing strength. [Original: Основы управления температурным режимом вечномёрзлых оснований для повышения их прочности]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
408. Konrad, J.M. (1980). Frost heave mechanics. [Original: Frost heave mechanics]. Ph.D. Thesis, Dept. of Civil and Environmental Engineering, University of Alberta, Edmonton, Canada. 472 pp. (in English).
409. Konstantinov, P.Y. (1993). Ground temperature regime of wetlands in the Vilyui plateau. [Original: Температурный режим грунтов маревых ландшафтов Вилюйского плато]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
410. Korsen, O.M. (1991). Drainage study of a subpolar glacier, Austre Brøggerbre, Svalbard. [Original: Dreneringsstudie av en subpolar bre, Austre Brøggerbre, Svalbard]. M.Sc. Thesis, University of Oslo, Oslo, Norway. pp. (in Norwegian).
411. Kotler, E. (1998). The cryostratigraphic and isotopic characteristics of "muck" deposits, Klondike area, Yukon Territory. [Original: The cryostratigraphic and isotopic characteristics of "muck" deposits, Klondike area, Yukon Territory]. M.Sc. Thesis, Carleton University, Ottawa, Canada. 115 pp. (in English).
412. Koziar, A. (1976). Applications of audio frequency magnetotellurics to permafrost, crustal sounding and mineral exploration. [Original: Applications of audio frequency magnetotellurics to permafrost, crustal sounding and mineral exploration]. Ph.D. Thesis, University of Toronto, Toronto, Canada. 288 pp. (in English).
413. Krabisch, M. (2006). Dendrogeomorphological investigations of the spatial-temporal evolution of thermokarst in West Siberia. [Original: Dendrogeomorphologische Untersuchungen zur raumzeitlichen Entwicklung von Thermokarsthohlförmern in Westsibirien]. Ph.D. Thesis, Geography, University of Regensburg, Regensburg, Germany. 214 pp. (in German).
414. Krause, W.K.E. (1999). Infrared optical stimulated luminescence as a method for dating Quaternary periglacial sediments from the Schirmacher Oasis (East Antarctica). [Original: Die infrarot optisch stimulierte Lumineszenz (IR-OSL) als Methode zur Datierung quartärer, periglazialer Sedimente der Schirmacher-Oase (Ostantarktika)]. Ph.D. Thesis, University of Potsdam, Potsdam, Germany. 110 pp. (in German).
415. Krbetschek, M.R. (1995). Luminescence dating of Quaternary sediments from central, eastern, and northern Germany. [Original: Lumineszenz-Datierung quartärer Sedimente Mittel-, Ost-, und Norddeutschlands]. Ph.D. Thesis, Technical University and Mining Academy Freiberg, Freiberg, Germany. 122 pp. (in German).
416. Krumbach, A.W., Jr. (1961). Effect of freezing and thawing on soil moisture, bulk density, and shear strength under open and forest conditions. [Original: Effect of freezing and thawing on soil moisture, bulk density, and shear strength under open and forest conditions]. Ph.D. Thesis, USA. 185 pp. (in English).
417. Kuchukov, E.Z. (1975). Ice sublimation in loose rocks of different composition, structure and characteristics. [Original: Сублимация льда в дисперсных породах различного состава, строения и свойств]. Kandidat geologio-mineralogitsheskikh nauk Thesis, Faculty of Geology, Moscow State University, Moscow, Russia. pp. (in Russian).
418. Kuhn, D. (1997). Genesis, ecology and sociology of a soil community in a periglacial area of King-George Island (Western Antarctica). [Original: Genese, Ökologie und Soziologie einer Bodengesellschaft in einem Periglazialgebiet der King-George-Insel (West-Antarktis)]. Ph.D. Thesis, Institut für Pflanzenernährung und Bodenkunde, University of Kiel, Kiel, Germany. 174 pp. (in German).
419. Kultti, S. (2004). Holocene changes in treelines and climate from Ural Mountains to Finnish Lapland. [Original: Holocene changes in treelines and climate from Ural Mountains to Finnish

- Lapland]. Ph.D. Thesis, Department of Geology, University of Helsinki, Helsinki, Finland. 33 pp. (in English).
420. Kumar, P. (1994). Numerical modeling of natural convection in a porous roadway embankment. [Original: Numerical modeling of natural convection in a porous roadway embankment]. M.Sc. Thesis, School of Engineering, University of Alaska Fairbanks, Fairbanks, USA. 171 pp. (in English).
421. Kunitsky, V.V. (1987). Role of glaciers and snow patches for the formation of cryolithogenetic deposits of the lower Lena. [Original: Роль ледников и снежников в формировании криолитогенных отложений низовья Лены]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
422. Kunitsky, V.V. (2007). Nival lithogenesis and Ice Complex on the territory of Yakutia. [Original: Нивальный литогенез и ледовый комплекс на территории Якутии]. Doktor geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. 46 pp. (in Russian).
423. Kurchatova, A.N. (1999). Icing formation in areas intended for building in the cryolithozone of Yakutsk. [Original: Наледообразование на селитебных территориях криолитозоны (на примере г. Якутска)]. Kandidat geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
424. Kutzbach, L. (2000). The impact of vegetation and soil parameters for methane fluxes in permafrost soils. [Original: Die Bedeutung der Vegetation und bodeneigener Parameter für die Methanflüsse in Permafrostböden]. Diploma Thesis, University of Hamburg, Hamburg, Germany. 105 pp. (in German).
425. Kutzbach, L. (2005). The exchange of energy, water and carbon dioxide between wet arctic tundra and the atmosphere at the Lena River Delta, Northern Siberia. [Original: The exchange of energy, water and carbon dioxide between wet arctic tundra and the atmosphere at the Lena River Delta, Northern Siberia]. Ph.D. Thesis, University of Hamburg, Hamburg, Germany. 165 pp. (in English).
426. Kuzmin, G.P. (1999). Development of effective methods for construction and exploitation of underground reservoirs in the cryolithozone. [Original: Разработка эффективных методов создания и эксплуатации подземных резервуаров в криолитозоне]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
427. Lacelle, D. (2002). Ground ice investigation in the far northwest of Canada. [Original: Ground ice investigation in the far northwest of Canada]. M.Sc. Thesis, University of Ottawa, Ottawa, Canada. 101 pp. (in English).
428. Lachenbruch, A.H. (1958). Problems in the interpretation of thermal data in permafrost. [Original: Problems in the interpretation of thermal data in permafrost]. Ph.D. Thesis, Harvard University, Cambridge, USA. 224 pp. (in English).
429. Lack, M. (2002). Design and development of a geoinformation system for the visualization and analysis of Arctic coastal dynamics. [Original: Konzeption und Entwicklung eines Fachinformationssystems für die Visualisierung und Analyse der Dynamik arktischer Küsten]. Diploma Thesis, University of Potsdam, Potsdam, Germany. 59 pp. (in German).
430. Ladstädter, R. (1999). Automated surveying of elevation models and flow vectors from digital, multi-temporal ortho images - A new approach for rock glacier monitoring. [Original: Automatisierte Messung von Geländemodellen und Fliessvektoren aus digitalen, multitemporalen Orthophotos - ein neuer Ansatz für das Blockgletscher-Monitoring]. MSc Thesis, Technical University of Graz, Graz, Austria. pp. (in German).
431. Lagarec, D. (1980). Geomorphological study of palsas and other frost mounds in the Hudson Bay Area (Nouveau-Québec). [Original: Étude geomorphologique de palses et autres buttes cryogènes en Hudsonie (Nouveau-Quebec)]. Ph.D. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 110 pp. (in French).
432. Lajeunesse, P. (2000). Geomorphology and geology of Nastapolka River quaternary history, east coast of the Hudson Bay, Québec. [Original: Géomorphologie et géologie du Quaternaire

- de la région de la rivière Nastapoka, côte est de la baie d'Hudson, Québec]. Ph.D. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 239 pp. (in English and French).
433. Lambiel, C. (2006). Permafrost in steep sedimentary terrain: distribution, thermal regime and instabilities. [Original: Le pergélisol dans les terrains sédimentaires à forte déclivité: distribution, régime thermique et instabilités]. Ph.D. Thesis, Institut de Géographie, Faculté des Géosciences et de l'Environnement, Université de Lausanne, Lausanne, Switzerland. 260 pp. (in French).
434. Lambrugh, A. (2001). Thermal distribution around a thermosyphon installation. [Original: Thermal distribution around a thermosyphon installation]. M.Sc. Thesis, Civil and Mining Engineering / Soil Mechanics and Foundation Engineering, Luleå University of Technology Luleå, Sweden. pp. (in English).
435. Lamirande, I. (2001). Weathering of sandstone terrasses of Bug Creek, Northwest Territories, Canada. [Original: La météorisation des grès des terrasses de Bug Creek. Territoires du Nord-Ouest, Canada]. M.Sc. Thesis, University of Ottawa, Ottawa, Canada. xi, 131 p. : ill., maps ; 28 cm. pp. (in French).
436. Lamoureux, S. (1992). Neoglacial evolution of a subarctic snow cirque, Guillaume-Delisle gulf (Québec nordique). [Original: Évolution néoglaciale d'une combe à neige subarctique, golfe de Guillaume-Delisle (Québec nordique)]. M.Sc. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 78 pp. (in French).
437. Landry, B.S. (1973). Numerical simulation of geophysical heat transfer in permafrost areas. [Original: Numerical simulation of geophysical heat transfer in permafrost areas]. Ph.D. Thesis, University of Houston, Houston, USA. pp. (in English).
438. Lange, P. (1993). Fire and climate change on the instability and revegetation of permafrost soils. [Original: Fire and climate change on the instability and revegetation of permafrost soils]. Ph.D. Thesis, University of Tübingen, Tübingen, Germany. 47 pp. (in English).
439. Lantuit, H. (2005). Mapping permafrost and ground ice related coastal erosion on Herschel Island, southern Beaufort Sea, Yukon Territory. [Original: Mapping permafrost and ground ice related coastal erosion on Herschel Island, southern Beaufort Sea, Yukon Territory]. M.Sc. Thesis, Department of Geography, McGill University, Montréal, Canada. 121 pp. (in English).
440. Laplante, P. (1973). On the slope evolution in the Hudson Bay Area. [Original: L'évolution des versants en Hudsonie]. Ph.D. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 86 pp. (in French).
441. Laprise, D. (1986). Recent evolution of permafrost in a peat bog of Richmond gulf (North Québec). [Original: Évolution récente du pergélisol dans une tourbière à pases du golfe de Richmond (Québec nordique)]. M.Sc. Thesis, Dép. de phytologie, Université Laval, Sainte-Foy, Québec, Canada. 35 pp. (in French).
442. Larsen, C.K. (1999). Digital terrain analysis as a tool for analysing the relationship between periglacial landforms, surficial sediments and topography - examples from Jomfrunut, Finse, southern Norway. [Original: Digital terrenanalyse som verktøy for analyse av relasjoner mellom periglasiale former, overflatemateriale og topografi. Exempel fra Jomfrunut, Finse]. MSc Thesis, Department of Physical Geography, University of Oslo, Oslo, Norway. 109 pp. (in Norwegian).
443. Laustela, M.C. (2003). Survey and analysis of weathering crusts for relative age determination of selected rock glaciers in the Bündener Alps. [Original: Messung und Analyse von Verwitterungsrinden zur relativen Altersdatierung ausgewählter Blockgletscher in den Bündner Alpen]. MSc Thesis, Geographisches Institut, University of Zurich, Zurich, Switzerland. 86 pp. (in German).
444. Law, K.-k.H. (1987). Time-dependent bearing capacity of frozen ground. [Original: Time-dependent bearing capacity of frozen ground]. M.Sc. Thesis, University of Alaska Fairbanks, Fairbanks, USA. 129 pp. (in English).
445. Lawrence, W.T.J. (1983). Soil Temperature Effects on Carbon Exchange in Taiga Species of Interior Alaska. [Original: Soil Temperature Effects on Carbon Exchange in Taiga Species of Interior Alaska]. Ph.D. Thesis, University of California Davis and San Diego State University, USA. 135 pp. (in English).

446. Lebedenko, Y.P. (1989). The physical-chemical character of cryogenic deformation of unconsolidated ground. [Original: Физико-химическая природа криогенного деформирования дисперсных пород]. Doktor geologio-mineralogitsheskikh nauk Thesis, Faculty of Geology, Moscow State University, Moscow, Russia. pp. (in Russian).
447. LeBlanc, A.-M. (2003). Seismic tomography of a permafrost mound in Umiujaq, Nunavik. [Original: Tomographie sismique d'une butte de pergélisol à Umiujaq, Nunavik]. M.Sc. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 167 pp. (in French or English).
448. Lee, H.W. (1983). Determination of infiltration characteristics of a frozen Palouse silt loam soil under simulated rainfall. [Original: Determination of infiltration characteristics of a frozen Palouse silt loam soil under simulated rainfall]. Ph.D. Thesis, University of Idaho, Moscow, USA. 125 pp. (in English).
449. Lee, J.Y. (1994). Performance of landfill cover systems in cold climates. [Original: Performance of landfill cover systems in cold climates]. Ph.D. Thesis, Wayne State University, Detroit, USA. 167 pp. (in English).
450. Lee, W.Y. (1999). A freeze-thaw test on Halton Till treated with cement kiln dust. [Original: A freeze-thaw test on Halton Till treated with cement kiln dust]. Master's Thesis, 66 pp. (in English).
451. Leitch, D.R. (2006). Mercury distribution in water and permafrost of the lower Mackenzie Basin, their contribution to the mercury contamination in the Beaufort Sea marine ecosystem, and potential effects of climate variation. [Original: Mercury distribution in water and permafrost of the lower Mackenzie Basin, their contribution to the mercury contamination in the Beaufort Sea marine ecosystem, and potential effects of climate variation]. M.Sc. Thesis, University of Manitoba, Winnipeg, Canada. 118 pp. (in English).
452. Lerjen, M. (2001). Local permafrost distribution in the Schottensee block fields southwest of the Flüela pass (Bündner Alps). [Original: Lokale Permafrostverbreitung in den Schottensee-Schutthalden südwestlich des Flüelapasses (Bündner Alpen)]. MSc Thesis, Department of Geography, University of Zurich, Zurich, Switzerland. pp. (in German).
453. Leszczynski, D.B. (1977). Nitrate movement in Plano silt loam under freezing and thawing conditions. [Original: Nitrate movement in Plano silt loam under freezing and thawing conditions]. Ph.D. Thesis, University of Wisconsin, Madison, USA. 191 pp. (in English).
454. Lesemann, J.-É. (1998). Microclimate and geomorphic responses to wildfire in a Subarctic upland forest underlain by permafrost. [Original: Microclimate and geomorphic responses to wildfire in a Subarctic upland forest underlain by permafrost]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 136 pp. (in English).
455. Leszkiewicz, C.G. (2001). The effect of freeze/thaw temperature fluctuations on microbial metabolism of petroleum hydrocarbon contaminated Antarctic soil. [Original: The effect of freeze/thaw temperature fluctuations on microbial metabolism of petroleum hydrocarbon contaminated Antarctic soil]. Ph.D. Thesis, 350 pp. (in English).
456. Lévesque, R. (1986). Periglacial geomorphology and computer-assisted cartography of permafrost, Nastapoca and Sheldrake Rivers, Hudson Bay Area. [Original: Géomorphologie périglaciaire et cartographie, assistée par ordinateur, du pergélisol, aux rivières Nastapoca et Sheldrake, Hudsonie]. M.A. Thesis, Dép. de géographie, Université Laval, Sainte-Foy, Québec, Canada. 144 pp. (in French).
457. Lewis, A.R. (2005). Periglacial geomorphology and rates of landscape evolution in the western Dry Valleys region of Antarctica. [Original: Periglacial geomorphology and rates of landscape evolution in the western Dry Valleys region of Antarctica]. Ph.D. Thesis, Boston University, Boston, USA. 254 pp. (in English).
458. Lewis, G.C. (1993). A predictive model for differential frost heave and its application to patterned ground formation. [Original: A predictive model for differential frost heave and its application to patterned ground formation]. M.Sc. Thesis, University of Colorado, Boulder, USA. 196 pp. (in English).
459. Lewis, J.S. (1977). Active layer depths and suprapermafrost groundwater in a small subarctic

- catchment, Schefferville, Quebec. [Original: Active layer depths and suprapermafrost groundwater in a small subarctic catchment, Schefferville, Quebec]. M.Sc. Thesis, McGill University, Montreal, Canada. 167 pp. (in English).
460. Lewkowicz, A. (1981). A study of slopewash processes in the continuous permafrost zone, Banks Island, Western Canadian Arctic. [Original: A study of slopewash processes in the continuous permafrost zone, Banks Island, Western Canadian Arctic]. Ph.D. Thesis, University of Ottawa, Ottawa, Canada. 269 pp. (in English).
461. Lewkowicz, A.G. (1977). Slopewash processes in an arctic tundra environment, Banks Island, Northwest Territories (Northwest Territories). [Original: Slopewash processes in an arctic tundra environment, Banks Island, Northwest Territories (Northwest Territories)]. M.A. Thesis, University of Ottawa, Ottawa, Canada. 135 pp. (in English).
462. Li, J.C.C. (1979). Dynamic properties of frozen granular soils. [Original: Dynamic properties of frozen granular soils]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 335 pp. (in English).
463. Liblik, L.K. (1996). Peatland methane emissions and influencing environmental factors in the southern fringe of the discontinuous permafrost zone, Fort Simpson, Northwest Territories. [Original: Peatland methane emissions and influencing environmental factors in the southern fringe of the discontinuous permafrost zone, Fort Simpson, Northwest Territories]. M.Sc. Thesis, McGill University, Montreal, Canada. 123 pp. (in English).
464. Lie, K. (1996). Palsa studies in southern Norway. [Original: Palsstudier i Sør-Norge]. M.Sc. Thesis, University of Oslo, Oslo, Norway. 70 pp. (in Norwegian).
465. Liebner, S. (2003). Distribution and activity of methanotrophic microflora in the Arctic soils of the Lena Delta, Siberia. [Original: Verbreitung und Aktivität der methanotrophen Mikroflora in arktischen Böden des Lena-Deltas, Sibirien]. Diploma Thesis, University of Potsdam, Potsdam, Germany. 106 pp. (in German).
466. Liebner, S. (2008). Adaptation, spatial variability, and phylogenetic characterization of methanotrophic communities in permafrost soils of the Lena Delta, Siberia. [Original: Adaptation, spatial variability, and phylogenetic characterization of methanotrophic communities in permafrost soils of the Lena Delta, Siberia]. Ph.D. Thesis, University of Bremen, Bremen, Germany. 108 pp. (in English).
467. Lilly, M.R. (1995). The distribution of fluids and ice in frozen, saturated porous media. [Original: The distribution of fluids and ice in frozen, saturated porous media]. MSc. Thesis, Dept. of Geology and Geophysics, University of Alaska Fairbanks, Fairbanks, USA. 61 pp. (in English).
468. Lin, Q. (2003). Laboratory studies of gas permeability of frozen soil. [Original: Laboratory studies of gas permeability of frozen soil]. M.Sc. Thesis, School of Mineral Engineering, University of Alaska Fairbanks, Fairbanks, USA. 93 pp. (in English).
469. Lingnau, B.E. (1985). Observation of the design and performance of the Dempster Highway. [Original: Observation of the design and performance of the Dempster Highway]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 144 pp. (in English).
470. Linkletter, G.O. (1971). Weathering and soil formation in Antarctic Dry Valleys. [Original: Weathering and soil formation in Antarctic Dry Valleys]. Ph.D. Thesis, University of Washington, Seattle, USA. 122 pp. (in English).
471. Liou, Y.A. (1996). Land surface process/radiobrightness models for northern prairie. [Original: Land surface process/radiobrightness models for northern prairie]. Ph.D. Thesis, University of Michigan, Ann Arbor, USA. 249 pp. (in English).
472. Little, J.D. (2006). Frost heave and thaw settlement in tundra environments; applications of differential global positioning system technology. [Original: Frost heave and thaw settlement in tundra environments; applications of differential global positioning system technology]. M.Sc. Thesis, Department of Geography, University of Delaware, Newark, USA. 160 pp. (in English).
473. Loch, J.P.G. (1975). Secondary heaving: experiments and analysis of frost heaving pressure in soils. [Original: Secondary heaving: experiments and analysis of frost heaving pressure in soils]. Ph.D. Thesis, Cornell University, Ithaca, USA. 113 pp. (in English).

474. Loloaev, A.B. (1998). Basic principles and modern methods of forecasting changes in engineering-geocryological conditions due to development in the cryolithozone (on the example of Norilsk industrial district). [Original: Основные принципы оценки и современные методы прогноза изменений инженерно-геокриологических условий при освоении криолитозоны (на примере Норильского промышленного района)]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
475. Loon, W.v. (1991). Heat and mass transfer in frozen porous media. [Original: Heat and mass transfer in frozen porous media]. Doctoral Thesis, Landbouwniversiteit te Wageningen, Wageningen, The Netherlands. 204 pp. (in English).
476. Lougeay, R.L. (1971). Infrared radiant temperatures in the alpine/periglacial environment as related to thermal remote sensing. [Original: Infrared radiant temperatures in the alpine/periglacial environment as related to thermal remote sensing]. Ph.D. Thesis, University of Michigan, Ann Arbor, USA. 116 pp. (in English).
477. Lovell, C.W. (1957). Certain characteristics of partially frozen soil. [Original: Certain characteristics of partially frozen soil]. Ph.D. Thesis, Purdue University, West Lafayette, USA. 166 pp. (in English).
478. Lovick, J.T. (2003). Interpretation of radarsat SAR scenes of Sagwon Alaska, to establish temporal, spatial and physical active layer behavior. [Original: Interpretation of radarsat SAR scenes of Sagwon Alaska, to establish temporal, spatial and physical active layer behavior]. M.Sc. Thesis, Dept. of Geology and Geophysics, University of Alaska Fairbanks, Fairbanks, USA. 88 pp. (in English).
479. Ludwig, F. (2003). Variable surface conditions as a driver of subsurface temperature distribution in alpine permafrost regions. [Original: Variable Oberflächenbedingungen als Ursache der Temperaturverteilung im Untergrund alpiner Permafrostgebiete]. MSc Thesis, Institute for Geography, JLU Giessen, Giessen, Germany. 62 pp. (in German).
480. Luff, D.O. (1978). Palsas in Baker Creek Basin N.W.T.: an ecosystematic study. [Original: Palsas in Baker Creek Basin N.W.T.: an ecosystematic study]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 59 pp. (in English).
481. Lusch, D.P. (1983). The Origin and Morphogenetic Significance of Patterned Ground in the Saginaw Lowland of Michigan. [Original: The Origin and Morphogenetic Significance of Patterned Ground in the Saginaw Lowland of Michigan]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 167 pp. (in English).
482. Lütschg, M. (2005). A model and field analysis of the interaction between snow cover and alpine permafrost. [Original: A model and field analysis of the interaction between snow cover and alpine permafrost]. Ph.D. Thesis, Geographisches Institut der Universität Zürich, Zürich, Switzerland. 205 pp. (in English).
483. Lyle, R.R. (2006). Landslide susceptibility mapping in discontinuous permafrost: Little Salmon Lake, central Yukon. [Original: Landslide susceptibility mapping in discontinuous permafrost: Little Salmon Lake, central Yukon]. M.Sc. (Eng) Thesis, Queen's University, Kingston, Canada. 351 pp. (in English).
484. Lyubomirov, A.S. (1987). Mechanisms of the formation and evolution of lakes in the cryolithozone of the Anadyr lowland. [Original: Закономерности формирования и развития озер криолитозоны Анадырской низменности]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
485. MacDonald, A.R. (1993). An evaluation of alternative technologies for the management of industrial wastes at Nalluk Base, Tuktoyaktuk, Northwest Territories. [Original: An evaluation of alternative technologies for the management of industrial wastes at Nalluk Base, Tuktoyaktuk, Northwest Territories]. M.E.Des. Thesis, Faculty of Environmental Design, University of Calgary, Calgary, Canada. 238 pp. (in English).
486. MacLean, R. (1997). The effect of permafrost on the biogeochemistry of two subarctic streams. [Original: The effect of permafrost on the biogeochemistry of two subarctic streams]. MSc. Thesis, College of Science, Engineering & Mathematics, University of Alaska Fairbanks, Fairbanks, USA. 69 pp. (in English).

487. Madden, D.W. (1987). Rayleigh convection in permafrost: Laboratory formation of sorted stone polygons. [Original: Rayleigh convection in permafrost: Laboratory formation of sorted stone polygons]. M.Sc. Thesis, University of Wyoming, Laramie, USA. 80 pp. (in English).
488. Madden, J.M. (1976). Taxonomic study of unique Antarctic spore-forming bacilli. [Original: Taxonomic study of unique Antarctic spore-forming bacilli]. Ph.D. Thesis, Arizona State University, Tempe, USA. 200 pp. (in English).
489. Mageau, D.W. (1978). Moisture Migration in Frozen Soil. [Original: Moisture Migration in Frozen Soil]. M.Sc. Thesis, Dept. of Civil and Environmental Engineering, University of Alberta, Edmonton, Canada. 160 pp. (in English).
490. Magens, D. (2005). Late Quaternary climate and environmental history of the Siberian Arctic - Permafrost Records from Cape Mamontovy Klyk, Laptev Sea. [Original: Late Quaternary climate and environmental history of the Siberian Arctic - Permafrost Records from Cape Mamontovy Klyk, Laptev Sea]. Diploma Thesis, University of Kiel, Kiel, Germany. 130 pp. (in English).
491. Makarov, V.N. (1990). Geochemical fields in areas of the cryolithozone and mineral resources exploration. [Original: Геохимические поля в районах криолитозоны и поиски месторождений полезных ископаемых]. Doktor geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
492. Maksimov, G.N. (1989). Development and investigation of the sharply decreasing temperature method for construction of foundations in permafrost regions. [Original: Разработка и исследование методов радикального понижения температур оснований зданий и сооружений в районах распространения вечномёрзлых грунтов]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
493. Maloof, A.C. (2004). Thermal contraction cracks, polar wandering, and global carbon cycling: non-uniformitarian changes that shaped the Neoproterozoic and Early Cambrian Earth. [Original: Thermal contraction cracks, polar wandering, and global carbon cycling: non-uniformitarian changes that shaped the Neoproterozoic and Early Cambrian Earth]. PhD Thesis, Harvard University, Cambridge, USA. pp. (in English).
494. Mancilla Escobar, G.A. (2004). Critical shear stress and rill sediment transport capacity of Palouse soil. [Original: Critical shear stress and rill sediment transport capacity of Palouse soil]. Ph.D. Thesis, 146 pp. (in English).
495. Marion, J. (1994). Holocene and recent evolution of a slope at Lake Eau Claire, subarctic Québec. [Original: Évolution holocène et récente d'un versant au lac à l'Eau Claire, Québec subarctique]. M.Sc. Thesis, Dép. de géographie, Université Laval, Sainte-Foy, Québec, Canada. 67 pp. (in French).
496. Markos, G. (1977). Geochemical alteration of plagioclase and biotite in glacial and periglacial deposits. [Original: Geochemical alteration of plagioclase and biotite in glacial and periglacial deposits]. Ph.D. Thesis, University of Colorado, Boulder, USA. 280 pp. (in English).
497. Marlin, C. (1991). Solution transport and water-rock interactions in the unsaturated zone under periglacial climate conditions, Brogger Peninsula (79 degrees N), Svalbard. [Original: Etude du transfert des solutions et des interactions eaux-roches en zone non saturée sous climat periglaciaire, presqu'île de Broegger (79 degrees N), Svalbard.]. Ph.D. Thesis, Université de Paris XI, Orsay, Paris, France. 284 pp. (in French).
498. Martin, N. (1993). Geomorphology and dynamics of the Foucault River, North Québec. [Original: Géomorphologie et dynamique de la rivière Foucault, Québec nordique]. M.Sc. Thesis, Dép. de géographie, Université Laval, Sainte-Foy, Québec, Canada. 132 pp. (in French).
499. Masengo, E. (1999). Interpretation model for tapered truncated cone penetration test applied to an anisotropic material. [Original: Ph.D. Thesis, 258 pp. (in English)].
500. Matava, T. (1986). Settlement of thawing subsea permafrost at Prudhoe Bay, Alaska. [Original: Settlement of thawing subsea permafrost at Prudhoe Bay, Alaska]. M.Sc. Thesis, College of Natural Sciences, University of Alaska Fairbanks, Fairbanks, USA. 115 pp. (in English).
501. Maxwell, M. (1979). The role of catastrophic processes in the evolution of talus derived rock glaciers. [Original: The role of catastrophic processes in the evolution of talus derived rock

- glaciers]. Master Thesis, Dept. of Geography, University of Ottawa, Ottawa, Canada. pp. (in English).
502. Mayer, T. (2004). Periglacial geomorphological and pedological studies in the taiga of the Lower Yenisey (North Siberia). [Original: Periglazialmorphologische und bodenkundliche Studien in der Taiga am Unteren Jenissej (Nordsibirien)]. Ph.D. Thesis, University of Munich, Munich, Germany. pp. (in German).
503. Mays, R.H. (1986). The use of calcium chloride in alleviating frost heave of Alaskan granular soils. [Original: The use of calcium chloride in alleviating frost heave of Alaskan granular soils]. M.Sc. Thesis, School of Mineral Engineering, University of Alaska Fairbanks, Fairbanks, USA. 169 pp. (in English).
504. Mazur, I.I. Scientific basics of engineering-ecological investigations for oil and gas construction in the North. [Original: Научные основы инженерно-экологического обеспечения нефтегазового строительства на Крайнем Севере]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
505. McCauley, C.A. (2000). Fuel penetration rates in frozen and unfrozen soils: Bethel, Alaska. [Original: Fuel penetration rates in frozen and unfrozen soils: Bethel, Alaska]. MSc Thesis, Dept. of Civil and Environmental Engineering, University of Alaska Fairbanks, Fairbanks, USA. 233 pp. (in English).
506. McCuaig, R.E.D. (1972). Multispectral evaluation of terrain sensitivity in the western Arctic. [Original: Multispectral evaluation of terrain sensitivity in the western Arctic]. M.Ap.Sc. Thesis, University of Toronto, Toronto, Canada. 236 pp. (in English).
507. McLaren, P. (1977). The coasts of eastern Melville and western Byam Martin islands : coastal processes and related geology of a High Arctic environment. [Original: The coasts of eastern Melville and western Byam Martin islands : coastal processes and related geology of a High Arctic environment]. Ph.D. Thesis, University of South Carolina., Columbia, USA. pp. (in English).
508. McNamara, J.P. (1997). A nested watershed study in the Kuparuk River basin, Arctic Alaska: Streamflow, scaling and drainage basin structure. [Original: A nested watershed study in the Kuparuk River basin, Arctic Alaska: Streamflow, scaling and drainage basin structure]. Ph.D. Thesis, University of Alaska Fairbanks, Fairbanks, USA. 260 pp. (in English).
509. McRoberts, E.C. (1973). Stability of slopes in permafrost. [Original: Stability of slopes in permafrost]. Ph.D. Thesis, Dept. of Civil Engineering, University of Alberta, Edmonton, Canada. 370 pp. (in English).
510. Meeking, D.N. (1974). An investigation of the permafrozen peat in palsas of the Hudson Bay lowlands of Canada. [Original: An investigation of the permafrozen peat in palsas of the Hudson Bay lowlands of Canada]. M.Sc. Thesis, University of New Brunswick, 76 pp. (in English).
511. Meldrum, J.L. (1998). Determination of the sulphide oxidation potential of mine tailings from Rankin Inlet, Nunavut, at sub-zero temperatures. [Original: Determination of the sulphide oxidation potential of mine tailings from Rankin Inlet, Nunavut, at sub-zero temperatures]. M.Sc. Thesis, Queen's University, Kingston, Canada. 185 p. pp. (in English).
512. Mellon, M.T. (1994). Ground ice on Mars: A theoretical examination of its distribution. [Original: Ground ice on Mars: A theoretical examination of its distribution]. Ph.D. Thesis, University of Colorado, Boulder, USA. 230 pp. (in English).
513. Metcalfe, R.A. (2000). Water balance dynamics and runoff processes in a northern boreal forest basin. [Original: Water balance dynamics and runoff processes in a northern boreal forest basin]. Ph.D. Thesis, Queen's University, Kingston, Canada. 168 pp. (in English).
514. Metje, M. (2006). Terminal processes of anaerobic degradation in peatlands of the Subarctic and the Southern Boreal. [Original: Terminale Prozesse des anaeroben Abbaus in sauren Torfmooren der Subarktis und des südlichen Boreals]. Ph.D. Thesis, Department of Biology, University of Marburg, Marburg, Germany. 185 pp. (in German).
515. Meyer, H. (2001). Late Quaternary climate history of Northern Siberia - Evidence from ground ice. [Original: Late Quaternary climate history of Northern Siberia - evidence from ground ice].

- Ph.D. Thesis, Faculty of Mathematics and Natural Sciences, University of Potsdam, Potsdam, Germany. 91 pp. (in English).
516. Michalek, D.D. (1969). Fanlike features and related periglacial phenomena of the southern Blue Ridge. [Original: Fanlike features and related periglacial phenomena of the southern Blue Ridge]. Ph.D. Thesis, University of North Carolina, Chapel Hill, USA. 215 pp. (in English).
517. Michaud, Y. (1985). Evolution of rocky slopes, Guillaume-Delisle gulf, Hudson Bay Area. [Original: Évolution de versants rocheux au golfe de Guillaume-Delisle, Hudsonie]. M.Sc. Thesis, Dép. de géographie, Université Laval, Sainte-Foy, Québec, Canada. pp. (in French).
518. Michaud, Y. (1986). Bedrock Weathering and the Role of Frost-Heaving in Block Field Formation, Hudson Bay Area. [Original: Altération des substrats rocheux et rôle du soulèvement gélocal dans la formation de champs de blocaille, en Hudsonie]. Ph.D. Thesis, Université Laval, Sainte-Foy, Québec, Canada. pp. (in French).
519. Michaud, Y. (1991). The mechanics of bedrock frost heaving in permafrost regions. [Original: The mechanics of bedrock frost heaving in permafrost regions]. Ph.D. Thesis, Queen's University, Kingston, Canada. 143 pp. (in English).
520. Michel, F.A. (1982). Isotope investigations of permafrost waters in northern Canada. [Original: Isotope investigations of permafrost waters in northern Canada]. Ph.D. Thesis, Department of Earth Sciences, University of Waterloo, Waterloo, Canada. 424 pp. (in English).
521. Mickleborough, B.W. (1970). Experimental study of the effects of freezing on clay subgrades. [Original: Experimental study of the effects of freezing on clay subgrades]. M.Sc. Thesis, University of Saskatchewan, Saskatoon, Canada. 219 pp. (in English).
522. Middlekauff, B.D. (1987). Relict periglacial morphosequences in the northern Blue Ridge. [Original: Relict periglacial morphosequences in the northern Blue Ridge]. Ph.D. Thesis, University of Michigan, Ann Arbor, USA. 183 pp. (in English).
523. Mietchen, D. (2006). 3D Magnetic Resonance Microscopy of Dehydrated Biological Specimens. [Original: 3D Magnetic Resonance Microscopy of Dehydrated Biological Specimens]. Ph.D. Thesis, Department of Physics, University of the Saarland, Fraunhofer Institute for Biomedical Engineering, Saarbruecken, Germany. 132 pp. (in English).
524. Mikhailov, V.M. (1993). Interrelation between the thermal regime of taliks in river valleys and open water streams. [Original: Взаимосвязь термического режима таликов речных долин и открытых водотоков]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
525. Millar, S.W.S. (1995). Clast fabric in periglacial mass-movement deposits. [Original: Clast fabric in periglacial mass-movement deposits]. Ph.D. Thesis, State University of New Jersey Rutgers, New Brunswick, USA. 158 pp. (in English).
526. Miller, D.D. (2005). The Physical and Chemical Effects of Mid-winter Pumping of Tundra Lakes on the North Slope, Alaska. [Original: The Physical and Chemical Effects of Mid-winter Pumping of Tundra Lakes on the North Slope, Alaska]. Master Thesis, Institute of Northern Engineering, WERC, University of Alaska Fairbanks, Fairbanks, USA. pp. (in English).
527. Miller, J.K. (1978). Geochemical dispersion over massive sulphides within the zone of continuous permafrost, Bathurst Norsemines, District of Mackenzie, N.W.T. [Original: Geochemical dispersion over massive sulphides within the zone of continuous permafrost, Bathurst Norsemines, District of Mackenzie, N.W.T.]. M.Sc. Thesis, University of British Columbia, Vancouver, Canada. 372 pp. (in English).
528. Mindock, C.A. (1998). General Principles of Membrane Functions in Adaptation and Adaptability of Bacteria to Extreme Environments (Sarcina Ventriculi, Fatty Acids, Temperature Extremes). [Original: General Principles of Membrane Functions in Adaptation and Adaptability of Bacteria to Extreme Environments (Sarcina Ventriculi, Fatty Acids, Temperature Extremes)]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 195 pp. (in English).
529. Minty, E.J. (1990). Late pleistocene geocryology of the Bogong High Plains. [Original: Late pleistocene geocryology of the Bogong High Plains]. M.Sc. Thesis, University of Sydney, Sydney, Australia. 423-429 pp. (in English).

530. Mittaz, C. (1998). Energy balance above alpine permafrost. [Original: Energiebilanz über alpinem Permafrost]. MSc Thesis, Mathematisch-Naturwissenschaftliche Fakultät. Geographisches Institut, University of Zurich, Zurich, Switzerland. 65 pp. (in German).
531. Moffet, R. (1987). On coastal dynamics in discontinuous permafrost areas, Manitousuk Strait, Nouveau-Québec. [Original: La dynamique littorale en milieu de pergélisol discontinu, détroit de Manitousuk, Nouveau-Québec]. M.Sc. Thesis, Dép. de géographie, Université Laval, Sainte-Foy, Québec, Canada. 139 pp. (in French).
532. Mohan, A. (1973). Finite element analysis of heat flow around buried pipes. [Original: Finite element analysis of heat flow around buried pipes]. Ph.D. Thesis, Purdue University, Lafayette, USA. 242 pp. (in English).
533. Moisan, Y. (1988). Study of three ice-wedge polygon sites in the Salluit region, arctic Québec. [Original: Étude de trois sites de polygones à coins de glace dans la région de Salluit, Québec arctique]. B.Sc. Thesis, Dép. de géographie, Université Laval, Sainte-Foy, Québec, Canada. pp. (in French).
534. Møllmann, T. (1991). Concrete piles in frozen soil (permafrost). [Original: Plasstøpte betongpeler i frossen jord (permafrost)]. Diploma Thesis, Department of Geotechnical Engineering, NTNU, Trondheim, Norway. pp. (in Norwegian).
535. Molochushkin, E.N. (1970). Thermal regime of deposits in the southeastern Laptev Sea. [Original: Teplovoe rezhim gornyykh porod v yugo-vostochnoy chasti morya Laptevykh]. Avtoreferat kandidatskoy dissertatsii Thesis, Moscow State University, Moscow, Russia. 20 pp. (in Russian).
536. Moore, D.G. (1973). Nitrate movement in freezing or frozen soils. [Original: Nitrate movement in freezing or frozen soils]. Ph.D. Thesis, South Dakota State University, Vermillion, USA. 86 pp. (in English).
537. Moore, E.J. (2002). Age, origin, and paleoclimatic significance of buried ice in upper Beacon Valley, Antarctica. [Original: Age, origin, and paleoclimatic significance of buried ice in upper Beacon Valley, Antarctica]. M.A. Thesis, Boston University, Boston, USA. 166 pp. (in English).
538. Moorhead, D.L. (1985). Development and application of an upland boreal forest succession model. [Original: Development and application of an upland boreal forest succession model]. Ph.D. Thesis, University of Tennessee, Knoxville, USA. 170 pp. (in English).
539. Moorman, B.J. (1998). The development and preservation of tabular massive ground ice in permafrost regions. [Original: The development and preservation of tabular massive ground ice in permafrost regions]. Ph.D. Thesis, Carleton University, Ottawa, Canada. 308 pp. (in English).
540. Moran, J.M. (1972). An analysis of periglacial climatic indicators of late glacial time in North America. [Original: An analysis of periglacial climatic indicators of late glacial time in North America]. Ph.D. Thesis, University of Wisconsin, Madison, USA. 174 pp. (in English).
541. Morgenstern, A. (2005). GIS-based analysis of the morphometry and spatial distribution of lakes in the Lena Delta, NE Siberia. [Original: GIS-basierte Analyse der Morphometrie und räumlichen Verteilung von Seen im Lena-Delta, NO-Sibirien]. Diploma Thesis, Faculty of Mathematics and Natural Sciences, Institute of Geocology, University of Potsdam, Potsdam, Germany. 84 pp. (in German).
542. Morozova, D. (2007). Tolerance limits and survival potential of methanogenic archaea from Siberian permafrost under extreme living conditions. [Original: Toleranzgrenzen und Überlebensstrategien von methanogenen Archaeen aus sibirischen Permafrost habitaten unter Extrembedingungen]. Ph.D. Thesis, University of Potsdam, Potsdam, Germany. 100 pp. (in English).
543. Moskalenko, M.Y. (1986). Cryogenic transformation of minerals in rocks of glacier beds (under conditions of modern glaciation in Spitsbergen and the South Shetland Islands). [Original: Криогенное преобразование минерального вещества горных пород на ледниковой ложе (в условиях современного оледенения Шпицбергена и Южных Шетландских островов)]. Kandidat geographicheskikh nauk Thesis, Faculty of Geography, Moscow State University, Moscow, Russia. pp. (in Russian).

544. Mossa, J. (1983). Interpretation of the ice-wedge polygons of the Colville Delta, Alaska, using aerial photography and Landsat digital data. [Original: Interpretation of the ice-wedge polygons of the Colville Delta, Alaska, using aerial photography and Landsat digital data]. M.Sc. Thesis, Louisiana State University, Baton Rouge, USA. 114 pp. (in English).
545. Mottaghy, D.C. (2007). Heat transfer processes in the upper crust: influence of structure, fluid flow, and palaeoclimate. [Original: Wärmetransportprozesse in der Oberkruste : strukturelle, advective und paläoklimatische Einflüsse]. Ph.D. Thesis, RWTH, Aachen, Germany. 107 pp. (in English).
546. Mu, S. (1991). Mathematical modelling and application of coupled processes in freezing soil. [Original: Mathematical modelling and application of coupled processes in freezing soil]. Ph.D. Thesis, Ecole Polytechnique, Montreal, Montreal, Canada. 209 pp. (in English).
547. Müller, S. (2004). Late Pleistocene and early Holocene vegetation history of the Verkhojansk Mountains (Central Yakutia) - A reconstruction based on pollen data. [Original: Spätpleistozäne und Frühholozäne Vegetationsentwicklung im Verkhojansker Gebirge (Zentral Yakutien) - Eine Rekonstruktion anhand von Pollendaten]. Diploma Thesis, Department of Biology, University of Potsdam, Potsdam, Germany. 63 pp. (in German).
548. Müller-Lupp, T. (1997). Investigations on the spatial distribution and formation of patterned ground in the North Siberian Arctic. [Original: Untersuchungen zur Verbreitung und Ausbildung von Frostmusterböden in der nordsibirischen Arktis]. Diploma Thesis, Universität Hamburg, Hamburg, Germany. 108 pp. (in German).
549. Müller-Lupp, W. (2001). Freeze and thaw processes in Siberian permafrost soils: study methods and ecological relevance. [Original: Gefrier- und Tauprozesse im sibirischen Permafrost: Untersuchungsmethoden und ökologische Bedeutung]. Ph.D. Thesis, Christian Albrechts University, Kiel, Germany. 130 pp. (in German).
550. Murton, J.B. (1993). Thermokarst sedimentology of the Tuktoyaktuk Coastlands, Northwest Territories. [Original: Thermokarst sedimentology of the Tuktoyaktuk Coastlands, Northwest Territories]. Ph.D. Thesis, University of Ottawa, Ottawa, Canada. 193 pp. (in English).
551. Musil, M. (2002). Inverting seismic and georadar data with applications to the Muragl rock glacier. [Original: Inverting seismic and georadar data with applications to the Muragl rock glacier]. Ph.D. Thesis, ETH Zürich, Zürich, Switzerland. 192 pp. (in English).
552. Musorin, A.V. (1998). Methods of computing shallow foundations under deep seasonal freezing conditions. [Original: Метод расчета малозаглубленных фундаментов в условиях глубокого сезонного промерзания]. Kandidat technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
553. Mustafa, O. (2002). Permafrost distribution at the Zugspitze. Modelling and field observations. [Original: Permafrostverbreitung an der Zugspitze. Modellierung und Geländebefunde]. MSc Thesis, Geographisches Institut, Universität Jena, Jena, Germany. 90 pp. (in German).
554. Myers-Smith, I.H. (2005). Carbon exchange and permafrost collapse: implications for a changing climate. [Original: Carbon exchange and permafrost collapse: implications for a changing climate]. M.S. Thesis, Department of Biology and Wildlife, University of Alaska Fairbanks, Fairbanks, USA. 67 pp. (in English).
555. Naguel, C. (1998). Permafrost occurrence in the frontal part of rock glaciers and spatial and temporal representativeness of BTS measurements: Investigations of two rock glaciers in the Upper Engadine. [Original: Permafrostvorkommen in der Frontpartie und räumliche und zeitliche Repräsentativität von BTS-Messungen : Untersuchungen an zwei Blockgletschern im Oberengadin]. MSc Thesis, Mathematisch-Naturwissenschaftliche Fakultät. Geographisches Institut, Universität Zürich, Zürich, Switzerland. 129 pp. (in German).
556. Naldrett, D.L. (1981). Aspects of the surficial geology and permafrost conditions, Klondike goldfields and Dawson City, Yukon Territory. [Original: Aspects of the surficial geology and permafrost conditions, Klondike goldfields and Dawson City, Yukon Territory]. M.Sc. Thesis, Dept. of Geology, University of Ottawa, Ottawa, Canada. pp. (in English).
557. Nel, W. (2002). A spatial inventory of glacial, periglacial and rapid mass movement forms on part

- of Marion Island: implications for Quaternary environmental change. [Original: M.Sc. Thesis, University of Pretoria, Pretoria, South Africa. pp. (in English).
558. Nelson, F.E. (1979). Patterned Ground in the Juneau Icefield Region, Alaska-British Columbia. [Original: Patterned Ground in the Juneau Icefield Region, Alaska-British Columbia]. M.S. Thesis, Department of Geography, Michigan State University, East Lansing, USA. 135 pp. (in English).
559. Nelson, F.E. (1982). Spatial Properties of Cryoplanation Terraces and Associated Deposits in Northwestern North America. [Original: Spatial Properties of Cryoplanation Terraces and Associated Deposits in Northwestern North America]. Ph.D. Thesis, Department of Geography, University of Michigan, Ann Arbor, USA. 297 pp. (in English).
560. Nguyen, T. (2007). Vegetation mapping and estimation of the extent of near-surface permafrost in the Mackenzie Delta, Northwest Territories, Canada. [Original: Vegetation mapping and estimation of the extent of near-surface permafrost in the Mackenzie Delta, Northwest Territories, Canada]. M.Sc. Thesis, Department of Geography and Environmental Studies, Carleton University, Ottawa, Canada. 146 pp. (in English).
561. Nienow, J.A. (1987). The cryptoendolithic microbial environment in the Ross Desert of Antarctica: An analysis of the temperature and light regimes. [Original: The cryptoendolithic microbial environment in the Ross Desert of Antarctica: An analysis of the temperature and light regimes]. Ph.D. Thesis, Florida State University, Tallahassee, USA. 165 pp. (in English).
562. Nieto, C. (2005). Multicomponent seismic exploration and ground-penetrating radar surveying in the Canadian Arctic. [Original: Multicomponent seismic exploration and ground-penetrating radar surveying in the Canadian Arctic]. M.Sc. Thesis, University of Calgary, Calgary, Canada. 120 pp. (in English).
563. Nikolaeva, G.V. (1986). Character and principles of thermal deformation of frozen loos rocks. [Original: Природа и закономерности температурного деформирования мерзлых дисперсных пород]. Kandidat geologio-mineralogitsheskikh nauk Thesis, Faculty of Geology, Moscow State University, Moscow, Russia. pp. (in Russian).
564. Nissen, T.C. (1985). Field and laboratory studies of selected periglacial wedge-polygons in southern Wyoming. [Original: Field and laboratory studies of selected periglacial wedge-polygons in southern Wyoming]. M.Sc. Thesis, University of Wyoming, Laramie, USA. 165 pp. (in English).
565. Nixon, J.F. (1973). Consolidation of thawing soils. [Original: Consolidation of thawing soils]. Ph.D. Thesis, University of Alberta, Edmonton, Canada. 300 pp. (in English).
566. Noetzli, J. (2003). Rock falls from permafrost above glaciers - Approaches for GIS-based modeling. [Original: Felsstürze aus Permafrost über Gletscher - Ansätze zur GIS-basierten Modellierung]. MSc Thesis, Geographisches Institut, University of Zürich, Zürich, Switzerland. 122 pp. (in German).
567. Norrman, J. (2000). Road climatological studies with emphasis on winter road slipperiness. [Original: Road climatological studies with emphasis on winter road slipperiness]. Ph.D. Thesis, Department of Earth Sciences Goteborg University, Goteborg, Sweden. pp. (in English).
568. Nöthen, T. (1996). Organic surface layers of permafrost soils in the North Siberian lowland. [Original: Organische Auflagen von Permafrostböden im nordsibirischen Tiefland]. Diploma Thesis, Institute of Soil Sciences, University of Hamburg, Hamburg, Germany. pp. (in German).
569. Nussbaumer, M.F. (1972). Pore water pressure in soils below the freezing front in a closed system. [Original: Pore water pressure in soils below the freezing front in a closed system]. M.Sc. Thesis, Massachusetts Institute of Technology, Cambridge, USA. 184 pp. (in English).
570. Nyenhuis, M. (2005). Permafrost and sediment budget in an alpine geosystem. [Original: Permafrost und Sedimenthaushalt in einem alpinen Geosystem]. Ph.D. Thesis, University of Bonn, Bonn, Germany. pp. (in German).
571. Oberman, N.G. (1992). Cryolithozone and ground water in the Pechora-Ural region. [Original: Криолитозона и подземные воды Печоро-Уральского региона]. Doktor geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in

- Russian).
572. Obradovic, M.M. (1986). An isotopic and geochemical study of runoff in the Apex River watershed, Baffin Island, N.W.T. [Original: An isotopic and geochemical study of runoff in the Apex River watershed, Baffin Island, N.W.T.]. M.Sc. Thesis, University of Windsor, Windsor, Ont., Canada. pp. (in English).
 573. Ødegård, R. (1986). Periglacial features and permafrost at Juvvasshytta in Jotunheimen. [Original: Periglasiale former og permafrost ved Juvvasshytta i Jotunheimen]. M.Sc. Thesis, University of Oslo, Oslo, Norway. 89 pp. (in Norwegian).
 574. Ødegård, R. (1993). Ground and glacier thermal regimes related to periglacial and glacial processes: Case studies from Svalbard and southern Norway. [Original: Ground and glacier thermal regimes related to periglacial and glacial processes: Case studies from Svalbard and southern Norway]. PhD Thesis, Department of Geography, University of Oslo, Oslo, Norway. 44 pp. (in English).
 575. Odell, W.J. (1997). Post-Pinedale glacial and periglacial deposits of the Lake Agnes cirque, Never Summer Mountains, Colorado. [Original: Post-Pinedale glacial and periglacial deposits of the Lake Agnes cirque, Never Summer Mountains, Colorado]. M.A. Thesis, University of Northern Colorado, Greeley, USA. 96 pp. (in English).
 576. O'Donnell, J.A. (2005). Nitrogen retention in the riparian zone of watersheds underlain by discontinuous permafrost. [Original: Nitrogen retention in the riparian zone of watersheds underlain by discontinuous permafrost]. MSc. Thesis, University of Alaska Fairbanks, Fairbanks, USA. pp. (in English).
 577. Oksanen, P.O. (2002). Holocene permafrost dynamics in tundra and peat plateau mires of continental Europe. [Original: Holocene permafrost dynamics in tundra and peat plateau mires of continental Europe]. Licentiate Thesis, Department of Biology, University of Oulu, Oulu, Finland. 30 pp. (in English).
 578. Olhoeff, G.R. (1975). The electrical properties of permafrost. [Original: The electrical properties of permafrost]. Ph.D. Thesis, University of Toronto, Toronto, Canada. 172 pp. (in English).
 579. Olovin, B.A. (1990). Filtration permeability of permafrost deposits. [Original: Фильтрационная проницаемость многолетнемерзлых пород]. Doktor geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 580. Omelyanenko, A.V. (2001). Scientific and methodological basics of ground penetrating radar for investigations in frozen ground. [Original: Научно-методические основы георадиолокации мерзлых горных пород]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 581. Osby, D.R. (1977). Paleohydrology of Taylor Valley, Antarctica ; inferred from pore ice in permafrost core. [Original: Paleohydrology of Taylor Valley, Antarctica ; inferred from pore ice in permafrost core]. M.Sc. Thesis, Northern Illinois University, DeKalb, USA. 89 pp. (in English).
 582. Oswald, M. (2004). Air circulation in the active layer of the rock glacier Chastelets. [Original: Luftzirkulation in der Auftauschicht des Blockgletschers Chastelets]. MSc Thesis, Mathematisch-Naturwissenschaftliche Fakultät, Geographisches Institut, Universität Zürich, Zürich, Switzerland. 64 pp. (in German).
 583. Oswald, S. (2001). Mapping and modeling of periglacial rock flows. [Original: Kartierung und Modellierung von periglazialen Murgängen]. MSc Thesis, Department of Earth Sciences (ETH Zurich), Department of Geography (University of Zurich), ETH Zurich, University of Zurich, Zurich, Switzerland. pp. (in German).
 584. Oswald, W.W. (2002). Holocene vegetational history of the central Arctic Foothills, northern Alaska: Pollen representation of tundra and edaphic controls on the response of tundra to climate change. [Original: Holocene vegetational history of the central Arctic Foothills, northern Alaska: Pollen representation of tundra and edaphic controls on the response of tundra to climate change]. Ph.D. Thesis, University of Washington, Seattle, USA. 152 pp. (in English).
 585. Otto, J.-C. (2006). Paraglacial sediment storage quantification the Turtmann Valley, Swiss Alps [Original: Paraglacial sediment storage quantification the Turtmann Valley, Swiss Alps]. PhD

- Thesis, Department of Geography, University of Bonn, Bonn, Germany. 162 pp. (in English).
586. Ouellon, M.-P. (1997). Morphology and stratigraphy of Holocene coastal deposits of the Manitounuk Strait, North Québec. [Original: Morphologie et stratigraphie des dépôts littoraux holocènes du détroit de Manitounuk, Québec nordique]. M.A. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 110 pp. (in French).
587. Outcalt, S.I. (1970). Study of needle ice events at Vancouver, Canada, 1961-1968. [Original: Study of needle ice events at Vancouver, Canada, 1961-1968]. Ph.D. Thesis, University of British Columbia, Vancouver, Canada. 135 pp. (in English).
588. Ovenden, L. (1981). Vegetation history of a polygonal peatland, Old Crow Flats, northern Yukon. [Original: Vegetation history of a polygonal peatland, Old Crow Flats, northern Yukon]. MSc Thesis, Department of Botany, University of Toronto, Toronto, Canada. pp. (in English).
589. Overduin, P.P. (1998). Soil moisture and soil water solutes during freeze-back at Lake Levinson-Lessing, Taymyr Peninsula, Siberia. [Original: Soil moisture and soil water solutes during freeze-back at Lake Levinson-Lessing, Taymyr Peninsula, Siberia]. M.Sc. Thesis, York University, Toronto, Canada. 113 pp. (in English).
590. Overduin, P.P. (2005). The physical dynamics of patterned ground in the northern foothills of the Brooks Range, Alaska. [Original: The physical dynamics of patterned ground in the northern foothills of the Brooks Range, Alaska]. Ph.D. Thesis, Dept. of Civil and Environmental Engineering, University of Alaska Fairbanks, Fairbanks, USA. 182 pp. (in English).
591. Pabst, A.F. (1974). Forecasting snowmelt runoff in the Upper Midwest. [Original: Forecasting snowmelt runoff in the Upper Midwest]. Ph.D. Thesis, University of Minnesota, Minneapolis, USA. 166 pp. (in English).
592. Page, F.W. (1978). Geochemistry of subsea permafrost at Prudhoe Bay, Alaska. [Original: Geochemistry of subsea permafrost at Prudhoe Bay, Alaska]. M.A. Thesis, Dartmouth College, Hanover, USA. 110 pp. (in English).
593. Pallás, R. (1996). Geology of Livingston Island (South Shetland, Antarctica): From the Mesozoic to present. [Original: Geología de la Illa Livingston (Shetland del Sur, Antártica). Del Mesozoic al Present]. Ph.D. Thesis, Universitat de Barcelona, Barcelona, Spain. 265 pp. (in Spanish).
594. Palmer, C. (1996). Rock glacier dynamics: with reference to the glacier ice core model of formation (Iceland, France). [Original: Rock glacier dynamics: with reference to the glacier ice core model of formation (Iceland, France)]. Ph.D. Thesis, Queen's University of Belfast, Belfast, Ireland. 312 pp. (in English).
595. Panday, S.M. (1990). Soil and groundwater contamination by petroleum in frozen soils. [Original: Soil and groundwater contamination by petroleum in frozen soils]. Ph.D. Thesis, Washington State University, Pullman, USA. 268 pp. (in English).
596. Pannatier, E.G. (1997). Sediment accumulation and historical deposition of trace metals and trace organic compounds in the Mackenzie Delta (Northwest Territories, Canada). [Original: Sediment accumulation and historical deposition of trace metals and trace organic compounds in the Mackenzie Delta (Northwest Territories, Canada)]. Ph.D. Thesis, Université de Genève, Geneva, Switzerland. 222 pp. (in English).
597. Pastukhov, A. (1980). About soil classification of the European North-East. [Original: O klassifikazii potchv evropeiskovo severo-vostoka]. Ph.D. Thesis, Department of Soil Science, Institute of Biology Komi SC UD RAS, Syktyvkar, Russia. pp. (in Russian).
598. Patel, H.C. (1980). Temperature distribution of pipeline buried in permafrost. [Original: Temperature distribution of pipeline buried in permafrost]. M.Sc. Thesis, University of Lowell, Lowell, USA. 171 pp. (in English).
599. Patterson, A.E. (2003). GIS-based analysis of rock flows in the Upper Engadine region. [Original: GIS-basierte Analysen von Murgängen im Gebiet Oberengadin]. MSc Thesis, Mathematisch-Naturwissenschaftliche Fakultät, Geographisches Institut, Universität Zürich, Zürich, Switzerland. 99 pp. (in German).
600. Paul, F. (2003). The new Swiss Glacier Inventory 2000. Application of Remote Sensing and GIS. [Original: The new Swiss Glacier Inventory 2000. Application of Remote Sensing and GIS]. PhD

- Thesis, Department of Geography, University of Zürich, Zürich, Switzerland. 192 pp. (in English).
601. Pavlova, N.A. (2002). Formation conditions and regime of technogenic cryopegs in the Tuimaada valley. [Original: Условия формирования и режим техногенных криопеггов в долине Туймаада]. Kandidat geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 602. Peddle, D.R. (1991). Evidential Classification of Land Cover and Permafrost from Multisource Remote Sensing Imagery in Mountainous Terrain, Yukon. [Original: Evidential Classification of Land Cover and Permafrost from Multisource Remote Sensing Imagery in Mountainous Terrain, Yukon]. MSc. Thesis, Department of Geography, University of Calgary, Calgary, Canada. 178 pp. (in English).
 603. Pederson, J.H. (1995). Microclimatological impacts of Subarctic fens. [Original: Microclimatological impacts of Subarctic fens]. M.Sc. Thesis, Dept. of Geography, University of Calgary, Calgary, Canada. 194 pp. (in English).
 604. Pengelly, K. (2002). Imaging of permafrost through ray tracing and finite difference modeling. [Original: Imaging of permafrost through ray tracing and finite difference modeling]. Bachelor Thesis, University of Calgary, Calgary, Canada. pp. (in English).
 605. Perfect, E. (1980). Temperature-induced water migration in saturated frozen soils. [Original: Temperature-induced water migration in saturated frozen soils]. M.A. Thesis, Carleton University, Ottawa, Canada. 81 pp. (in English).
 606. Peter, M. (2003). Investigation of rock temperatures in alpine permafrost. [Original: Untersuchung von Felstemperaturen im alpinen Permafrost]. MSc Thesis, Mathematisch-Naturwissenschaftliche Fakultät, Geographisches Institut, Universität Zürich, Zürich, Switzerland. 71 pp. (in German).
 607. Petersen, J.K. (1985). Quantitative nuclear well logging in permafrost for geotechnical purposes. [Original: Quantitative nuclear well logging in permafrost for geotechnical purposes]. M.Sc. Thesis, College of Natural Sciences, University of Alaska Fairbanks, Fairbanks, USA. 173 pp. (in English).
 608. Peterson, K.M. (1979). Vegetational successions and other ecosystemic changes in two Arctic tundras. [Original: Vegetational successions and other ecosystemic changes in two Arctic tundras]. Ph.D. Thesis, Durham, Duke University, USA. 305 pp. (in English).
 609. Peterson, R.A. (1999). Differential frost heave manifest as patterned ground - modeling, laboratory and field studies. [Original: Differential frost heave manifest as patterned ground - modeling, laboratory and field studies]. Ph.D. Thesis, University of Colorado, Boulder, USA. 195 pp. (in English).
 610. Petrone, K.C. (2005). Export of Carbon, Nitrogen, and Major Solutes from a Boreal Forest Watershed: The Influence of Fire and Permafrost. [Original: Export of Carbon, Nitrogen, and Major Solutes from a Boreal Forest Watershed: The Influence of Fire and Permafrost]. Ph.D. Thesis, Dept. of Biology and Wildlife, University of Alaska Fairbanks, Fairbanks, USA. 145 pp. (in English).
 611. Péwé, T.L. (1952). Geomorphology of the Fairbanks area. [Original: Geomorphology of the Fairbanks area]. Ph.D. Thesis, Stanford University, Palo Alto, USA. 220 pp. (in English).
 612. Philippin, M. (1996). Thermal study of permafrost of the Sheldrake River region (Hudson Bay area, Québec). [Original: Étude thermique du pergélisol de la région de la rivière Sheldrake (Hudsonie, Québec)]. Thesis, Université Laval, Québec, Canada. 49 pp. (in French).
 613. Phillips, V.D., III. . (1982). Responses by alpine plants and soils to microtopography within sorted polygons. [Original: Responses by alpine plants and soils to microtopography within sorted polygons]. Ph.D. Thesis, University of Colorado, Boulder, USA. 208 pp. (in English).
 614. Pilon, J.A. (1982). Study of the active layer and permafrost in the Baie aux Feuilles region, Ungava. [Original: Étude de la couche active et du pergélisol dans la région de la baie aux Feuilles, Ungava]. Ph.D. Thesis, Dép. de géographie, Université de Montréal, Montréal, Canada. 270 pp. (in French).
 615. Piper, D. (1988). Mathematical model of frost heave in granular materials. [Original:

- Mathematical model of frost heave in granular materials]. Ph.D. Thesis, University of Nottingham, Nottingham, USA. 248 pp. (in English).
616. Plug, L.J. (2000). Ice-wedge networks and "whale-hole" ponds in frozen ground. [Original: Ice-wedge networks and "whale-hole" ponds in frozen ground]. Ph.D. Thesis, University of Alaska Fairbanks, Fairbanks, USA. 162 pp. (in English).
617. Poitevin, J. (1983). Processes of heat transfer and propagation during freezing in soils of the southern sector of the Grande Rivière, James Bay area, Québec. [Original: Mécanisme de transfert de chaleur et propagation de gel à l'intérieur des différents sols, secteur sud de la Grande Rivière, Jamésie, Québec]. M.Sc. Thesis, Université de Montréal, Montréal, Canada. pp. (in French).
618. Pokrovsky, S.I. (2003). Modeling of permafrost and gas hydrate stability zone within Alaskan Arctic shelves and continental margins. [Original: Modeling of permafrost and gas hydrate stability zone within Alaskan Arctic shelves and continental margins]. M.Sc. Thesis, Dept. of Geology and Geophysics, University of Alaska Fairbanks, Fairbanks, USA. 125 pp. (in English).
619. Poley, D.F. (1987). Acquisition and processing of high resolution reflection seismic data from permafrost affected areas of the Beaufort Sea continental shelf. [Original: Acquisition and processing of high resolution reflection seismic data from permafrost affected areas of the Beaufort Sea continental shelf]. Ph.D. Thesis, Dept. of Geology and Geophysics, University of Calgary, Calgary, Canada. 261 pp. (in English).
620. Ponder, M.A. (2005). Characterization of physiological and transcriptome changes in the ancient Siberian permafrost bacterium *Psychrobacter arcticum* 273-4 with low temperature and increased osmotica. [Original: Characterization of physiological and transcriptome changes in the ancient Siberian permafrost bacterium *Psychrobacter arcticum* 273-4 with low temperature and increased osmotica]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 215 pp. (in English).
621. Popp, S. (2006). Late Quaternary Environment of Central Yakutia (NE' Siberia): Signals in Frozen Ground and Terrestrial Sediments. [Original: Late Quaternary Environment of Central Yakutia (NE' Siberia): Signals in Frozen Ground and Terrestrial Sediments]. Ph.D. Thesis, Faculty of Mathematics and Natural Sciences, University of Potsdam, Potsdam, Germany. 94 pp. (in English).
622. Powell, B.W. (1978). Radiohm mapping of permafrost. [Original: Radiohm mapping of permafrost]. M.Sc. Thesis, McGill University, Montreal, Canada. 161 pp. (in English).
623. Pozdnyakov, I.V. (1990). Mechanisms of the formation and evolution of permafrost in the Northern Amur River region. [Original: Закономерности формироавния и распространение мерзлых пород в Северном Приамурье]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
624. Pradeep, P. (1994). Modeling of the Thermal Processes in the Arctic Tundra. [Original: Modeling of the Thermal Processes in the Arctic Tundra]. MSc. Thesis, Institute of Northern Engineering, WERC, University of Alaska Fairbanks, Fairbanks, USA. 95 pp. (in English).
625. Pressnail, K.D. (1991). Investigation of the effects of thermal gradients on the attenuating creep behaviour of model piles in frozen sand. [Original: Investigation of the effects of thermal gradients on the attenuating creep behaviour of model piles in frozen sand]. Ph.D. Thesis, University of Toronto, Toronto, Canada. 259 pp. (in English).
626. Pringle, D.J. (2004). Thermal Conductivity in Sea Ice and Antarctic Permafrost. [Original: Thermal Conductivity in Sea Ice and Antarctic Permafrost]. Ph.D. Thesis, School of Chemical and Physical Sciences, Victoria University of Wellington, Wellington, New Zealand. 216 pp. (in English).
627. Pufahl, D.E. (1976). The behavior of thawing slopes in permafrost. [Original: The behavior of thawing slopes in permafrost]. Ph.D. Thesis, Dept. of Civil and Environmental Engineering, University of Alberta, Edmonton, Canada. 323 pp. (in English).
628. Pullman, E.R. (2000). Carbon cycle dynamics in a taiga peatland (Alaska). [Original: Carbon cycle dynamics in a taiga peatland]. Ph.D. Thesis, Clemson University, Clemson, USA. 150 pp.

- (in English).
629. Puswewala, U.G.A. (1991). Computational modelling of structure-frozen soil/ice interaction. [Original: Computational modelling of structure-frozen soil/ice interaction]. Ph.D. Thesis, University of Manitoba, Winnipeg, Canada. 273 pp. (in English).
 630. Putkonen, J.K. (1997). Climatic control of the thermal regime of permafrost, northwest Spitsbergen. [Original: Climatic control of the thermal regime of permafrost, northwest Spitsbergen]. Ph.D. Thesis, University of Washington, Seattle, USA. 121 pp. (in English).
 631. Quinton, W.L. (1997). Runoff from hummock-covered Arctic tundra hillslopes in the continuous permafrost zone. [Original: Runoff from hummock-covered Arctic tundra hillslopes in the continuous permafrost zone]. Ph.D. Thesis, Department of Geography, University of Saskatchewan, Saskatoon, Canada. 277 pp. (in English).
 632. Rachold, V. (2002). Sediment Pathways and Budgets of the Laptev Sea Region, Siberian Arctic - Implications for Arctic Land-Ocean Interactions. [Original: Sediment Pathways and Budgets of the Laptev Sea Region, Siberian Arctic - Implications for Arctic Land-Ocean Interactions]. Habilitation Thesis, University of Potsdam, Potsdam, Germany. 229 pp. (in German).
 633. Raiskii, O.A. (1990). Investigation and development of constructional and technological solutions for oil and gas infrastructure foundations on frozen soils (a case study from the Messoyakha-Norilsk gas pipeline). [Original: Исследование и разработка конструктивных и технологических решений фундаментов нефтегазовых объектов на вечномёрзлых грунтах (на примере газопровода Мессояха-Норильск)]. Kandidat technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 634. Rajani, B.B. (1992). Deformations of pipelines embedded in frozen soil. [Original: Deformations of pipelines embedded in frozen soil]. Ph.D. Thesis, Dept. of Civil and Environmental Engineering, University of Alberta, Edmonton, Canada. 226 pp. (in English).
 635. Rajesh, J. (1994). Modeling of phase change using homographic and exponential functions. [Original: Modeling of phase change using homographic and exponential functions]. M.Sc. Thesis, School of Engineering, University of Alaska Fairbanks, Fairbanks, USA. 145 pp. (in English).
 636. Rao, R.N.S. (1967). Experimental Study of Subpressure in a Freezing Soil System. [Original: Experimental Study of Subpressure in a Freezing Soil System]. Ph.D. Thesis, USA. pp. (in English).
 637. Rasstegaev, I.K. (1987). Exploitation of frozen ground using percussion drilling and static tillage. [Original: Разработка вечномёрзлых грунтов ударным бурением и статическим рыхлением]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 638. Raymond, M.J. (2001). Analysis of near-surface temperatures in high mountain permafrost environment, Study at Murtèl-Corvatsch, Swiss Alps. [Original: Analysis of near-surface temperatures in high mountain permafrost environment, Study at Murtèl-Corvatsch, Swiss Alps]. MSc Thesis, ETH, Zurich, Switzerland. 65 pp. (in English).
 639. Razumov, S.O. (1996). Dynamics of coastal thermoabrasion in relation to peculiarities of periglacial conditions (a case study from the Kolyma Bay, East Siberian Sea). [Original: Динамика морских термоабразионных берегов в связи с особенностями мерзлотно-климатических условий (на примере Колымского залива Восточно-Сибирского моря)]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. 24 pp. (in Russian).
 640. Razumov, S.O. (2007). Modeling and prediction of the dynamics of ice-rich coasts of the Russia eastern arctic seas. [Original: Моделирование и прогноз динамики льдистых берегов восточно-арктических морей России]. Doktor geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 641. Reed, M.A. (1977). Frost heaving rate of silty soils as a function of pore size distribution. [Original: Frost heaving rate of silty soils as a function of pore size distribution]. M.Sc. Thesis, Purdue University, Lafayette, USA. 116 pp. (in English).

642. Reger, R.D. (1975). Cryoplanation terraces of interior and western Alaska. [Original: Cryoplanation terraces of interior and western Alaska]. Ph.D. Thesis, Arizona State University, Tempe, USA. 465 pp. (in English).
643. Ricard, J. (1989). Paleogeographical reconstruction in the Deception River region, Ungava Peninsula, Québec. [Original: Reconstitution paléogéographique dans la région de la rivière Deception, péninsule d'Ungava, Québec]. M.Sc. Thesis, Université de Montréal, Montréal, Canada. pp. (in French).
644. Richter, D.M. (1973). Periglacial features in the central Great Smoky Mountains. [Original: Periglacial features in the central Great Smoky Mountains]. Ph.D. Thesis, University of Georgia, Athens, USA. 156 pp. (in English).
645. Ricker, K.E. (1959). Quaternary geology in the southern Ogilvie ranges, Yukon Territory and an investigation of morphological, periglacial, pedological and botanical criterion for possible use in the chronology ... [Original: Quaternary geology in the southern Ogilvie ranges, Yukon Territory and an investigation of morphological, periglacial, pedological and botanical criterion for possible use in the chronology ...]. M.Sc. Thesis, University of British Columbia, Vancouver, Canada. 211 pp. (in English).
646. Riddoch, R.G. (1979). Cratering and ditching in frozen soils. [Original: Cratering and ditching in frozen soils]. M.E. Thesis, Royal Military College of Canada, Kingston, Canada. 213 pp. (in English).
647. Riopel, S. (1999). The use of RADARSAT-1 imagery for lithological and structural mapping in the Canadian High Arctic. [Original: The use of RADARSAT-1 imagery for lithological and structural mapping in the Canadian High Arctic]. M.Sc. Thesis, University of Ottawa, Ottawa, Canada. 80 pp. (in English).
648. Riordan, B.A. (2005). Using remote sensing to examine changes of closed-basin surface water area in interior Alaska from 1950-2002. [Original: Using remote sensing to examine changes of closed-basin surface water area in interior Alaska from 1950-2002]. MSc. Thesis, University of Alaska Fairbanks, Fairbanks, USA. pp. (in English).
649. Riseborough, D.W. (1985). Modelling climatic influences on permafrost at a boreal forest site. [Original: Modelling climatic influences on permafrost at a boreal forest site]. M.A. Thesis, Carleton University, Ottawa, Canada. 172 pp. (in English).
650. Riseborough, D.W. (2004). Exploring the parameters of a simple model of the permafrost-climate relationship. [Original: Exploring the parameters of a simple model of the permafrost-climate relationship]. PhD Thesis, Carleton University, Ottawa, Canada. 328 pp. (in English).
651. Rix, H.H. (1959). Detailed studies of frost action in soils. [Original: Detailed studies of frost action in soils]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 178 pp. (in English).
652. Robinson, S.D. (1993). Geophysical and Geomorphological investigations of massive ground ice on the Fosheim Peninsula, Ellesmere Island. [Original: Geophysical and Geomorphological investigations of massive ground ice on the Fosheim Peninsula, Ellesmere Island]. M.Sc. Thesis, Queen's University, Kingston, Canada. 171 pp. (in English).
653. Robinson, S.D. (2000). Carbon accumulation in discontinuously frozen peatlands, southwestern Northwest Territories, Canada. [Original: Carbon accumulation in discontinuously frozen peatlands, southwestern Northwest Territories, Canada]. Ph.D. Thesis, McGill University, Montreal, Canada. 158 pp. (in English).
654. Roche, Y. (1994). Snow cover variations and permafrost dynamics in the Manitounuk Strait, Hudson Bay. [Original: Variations du couvert nival et dynamique du pergélisol au Détroit de Manitounuk, Hudsonie]. Ph.D. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 213 pp. (in French).
655. Rodgers, D.G. (2002). Validating Canadian Land Surface Scheme heat fluxes under Subarctic tundra conditions. [Original: Validating Canadian Land Surface Scheme heat fluxes under Subarctic tundra conditions]. M.Sc. Thesis, McGill University, Montreal, Canada. 76 pp. (in English).
656. Roer, I. (2001). Bioindication of rockglacier systems in a high mountain valley (Turtmanntal,

- Valais, Switzerland). [Original: Bioindikation von Blockgletschersystemen in einem hochalpinen Tal (Turtmanntal, Wallis, Schweiz)]. MSc Thesis, Geographisches Institut, Rheinische Friedrich-Wilhelms-Universität Bonn, Bonn, Germany. 114 pp. (in German).
657. Roer, I. (2005). Rockglacier kinematics in a high mountain geosystem. [Original: Rockglacier kinematics in a high mountain geosystem]. Ph.D. Thesis, Department of Geography, University of Bonn, Bonn, Germany. 217 pp. (in English).
658. Roggensack, W.D. (1977). Geotechnical properties of fine-grained permafrost soils. [Original: Geotechnical properties of fine-grained permafrost soils]. Ph.D. Thesis, Dept. of Civil and Environmental Engineering, University of Alberta, Edmonton, Canada. 449 pp. (in English).
659. Rogov, V.V. (1989). The microstructure of frozen ground. [Original: Микростроение мерзлых грунтов]. Doktor geographicheskikh nauk Thesis, Faculty of Geography, Moscow State University, Moscow, Russia. pp. (in Russian).
660. Röhr, C. (2001). GIS-based geomorphological assessment of the Lena Delta (Russian Arctic) - The composition of landscape complexes. [Original: GIS-basierte, geomorphologische Bewertung des Lena-Deltas (Russische Arktis) – Die Beschaffenheit von Landschaftskomplexen]. Diploma Thesis, Institute for Geology, Technical University and Mining Academy Freiberg, Freiberg, Germany. 95 pp. (in German).
661. Röhr, C. (2001). The production of a digital atlas of the Arctic Lena Delta (North Yakutia). [Original: Die Erstellung eines digitalen Atlas der arktischen Region Lena Delta (Nordjakutien)]. Diploma Mapping Thesis, Institute for Geology, Technical University and Mining Academy Freiberg, Freiberg, Germany. 49 pp. (in German).
662. Romanov, V.P. (1979). Study of electric surface characteristics of few-moistened and cryogenic disperse systems [Original: Изучение электроповерхностных свойств малоувлажненных и криогенных дисперсных систем]. Kandidat khimitsheskikh nauk Thesis, Faculty of Chemistry, Leningrad State University, Leningrad, Russia. pp. (in Russian).
663. Romanovskii, N.N. (1959). Quaternary deposits on Bolshoy Lyakhovsky Island and in the Northern Yana-Indigirka lowland (Stratigraphy and cryo-facies analysis). [Original: Avtoreferat Dissertatii cand. Nauk Thesis, Faculty of Geology, Moscow State University, Moscow, Russia. 23 pp. (in Russian).
664. Romanovsky, V.E. (1982). The Application of Geophysical Methods to Solving Permafrost - Hydrogeology and Engineering Geology Problems in the Baikal - Amur Railway Region. [Original: Ph.D. Thesis, Moscow State University, Moscow, Russia. pp. (in Russian).
665. Romanovsky, V.E. (1985). The Numerical Modeling of the Heat and Mass Exchange Processes Within Saturated Soils. [Original: MSc. Thesis, Moscow State University, Moscow, Russia. pp. (in Russian).
666. Romanovsky, V.E. (1996). Effects of climatic variability on the active layer and permafrost. [Original: Effects of climatic variability on the active layer and permafrost]. Ph.D. Thesis, Geophysical Institute, University of Alaska Fairbanks, Fairbanks, USA. 231 pp. (in English).
667. Rorquist, J.A. (1999). A risk assessment for constructing Arctic and cold region Russian oil pipeline and facilities projects. [Original: A risk assessment for constructing Arctic and cold region Russian oil pipeline and facilities projects]. Master Thesis, Arizona State University, Tempe, USA. 125 pp. (in English).
668. Ross, W.J. (1960). Volume and Strength Changes in Soils Due to Frost Action. [Original: Volume and Strength Changes in Soils Due to Frost Action]. M.Sc. Thesis, Dept. of Civil and Environmental Engineering, University of Alberta, Edmonton, Canada. pp. (in English).
669. Rossiter, J.R. (1977). Interpretation of radio interferometry depth sounding, with emphasis on random scattering from temperate glaciers and the lunar surface. [Original: Interpretation of radio interferometry depth sounding, with emphasis on random scattering from temperate glaciers and the lunar surface]. Ph.D. Thesis, University of Toronto, Toronto, Canada. 186 pp. (in English).
670. Rothenbühler, C. (2000). Geomorphological mapping of the Bernina region using GIS. [Original: Erfassung und Darstellung der Geomorphologie im Gebiet Bernina (GR) mit Hilfe von GIS]. MSc Thesis, Dept. of Geography, University of Zurich, Zürich, Switzerland. 93 pp. (in German).

671. Rothschild, A. (1985). Ground ice petrography, Sand Hills Moraine, southern Banks Island, N.W.T. [Original: Ground ice petrography, Sand Hills Moraine, southern Banks Island, N.W.T.]. M.A. Thesis, Dept. of Geography, University of Ottawa, Ottawa, Canada. 76 pp. (in English).
672. Rousseau, L. (1996). Stratigraphical study of palsas and palsic plateaus, Boniface River, subarctic Québec. [Original: Étude stratigraphique de pases et de plateaux palsiques, rivière Boniface, Québec subarctique]. M.A. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 92 pp. (in French).
673. Rowan, D.E. (1981). Glacial and periglacial geology of Spitsbergen, Svalbard. [Original: Glacial and periglacial geology of Spitsbergen, Svalbard]. M.Sc. Thesis, Arizona State University, Tempe, USA. 115 pp. (in English).
674. Roy, C. (1963). Physical geography of Ferriman in central Québec-Labrador. [Original: Géographie physique de Ferriman dans le Québec-Labrador central]. M.A. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 224 pp. (in French).
675. Ruffet, J. (2001). Vegetation on alpine rock glaciers: A contribution to the abundance and dynamics of extreme high mountain sites. [Original: Vegetation alpinere Blockgletscher: ein Beitrag zu Abundanz und Dynamik extremer Hochgebirgsstandorte]. MSc Thesis, Mathematisch-Naturwissenschaftliche Fakultät, Geographisches Institut, Universität Zürich, Zürich, Switzerland. 126 pp. (in German).
676. Ruhland, K. (2001). Diatom assemblage shifts relative to changes in environmental and climatic conditions in the circumpolar treeline regions of the Canadian and Siberian Arctic (Russia, Northwest Territories, Nunavut). [Original: Diatom assemblage shifts relative to changes in environmental and climatic conditions in the circumpolar treeline regions of the Canadian and Siberian Arctic (Russia, Northwest Territories, Nunavut)]. Ph.D. Thesis, Queen's University, Kingston, Canada. 265 pp. (in English).
677. Russell, P.S. (2005). On the activity of water on Mars; investigations into the groundwater system and the stability of ice in the crater-interior environment. [Original: On the activity of water on Mars; investigations into the groundwater system and the stability of ice in the crater-interior environment]. Ph.D. Thesis, 281 pp. (in English).
678. Rutherford, M.S. (1989). Evaluation of timing and magnitude of spring load restrictions for flexible pavements. [Original: Evaluation of timing and magnitude of spring load restrictions for flexible pavements]. Ph.D. Thesis, University of Washington, Seattle, USA. 476 pp. (in English).
679. Saarelainen, S. (1992). Modelling frost heaving and frost penetration in soils at some observation sites in Finland - The SSR model. [Original: Modelling frost heaving and frost penetration in soils at some observation sites in Finland - The SSR model]. Ph.D. Thesis, Tampere University of Technology, Tampere, Finland. 119 pp. (in English).
680. Sachs, T. (2003). Greenhouse Gas Emissions under two Permafrost Regimes. [Original: Greenhouse Gas Emissions under two Permafrost Regimes]. MSc Thesis, Department of Environmental Science, Alaska Pacific University, Anchorage, USA. 62 pp. (in English).
681. Sætre, S. (1997). Permafrost investigations in the Snøhetta area, Dovrefjell, southern Norway. [Original: Undersøkelser av permafrost i Snøhetta-området, Dovrefjell, Sør-Norge]. M.Sc. Thesis, Institute of Geography, University of Oslo, Oslo, Norway. 64 pp. (in Norwegian).
682. Saha, S.K. (2005). The influence of an improved soil scheme on the arctic climate in an RCM. [Original: The influence of an improved soil scheme on the arctic climate in an RCM]. Ph.D. Thesis, University of Potsdam, Potsdam, Germany. 115 pp. (in English).
683. Salnikov, P.I. (1996). Stability of building foundations on frozen ground in the Southern Baikal region. [Original: Устойчивость фундаментов зданий на мерзлых грунтах в Южном Забайкалье]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
684. Samson, H. (1974). Evolution of permafrost in peat bog environments in relation to vegetation dynamics, Richmond Gulf, Nouveau-Québec. [Original: Évolution du pergélisol en milieu tourbeux en relation avec le dynamisme de la végétation, Golfe de Richmond, Nouveau-Québec]. M.A. Thesis, Dép. de phytologie, Université Laval, Sainte-Foy, Québec Canada. 158

- pp. (in French).
685. Samsonova, V.V. (1999). Cryo-landscape mapping of forested territory on the basis of remote sensing data (case study Yakutia). [Original: Криоландшафтное картографирование лесопокрываемых территорий на основе дистанционных материалов (на примере Якутии)]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 686. Samuyshin, V.K. (1985). Regularities of thermal and mechanical interaction between water flow and frozen fine grained sediments. [Original: Закономерности теплового и механического взаимодействия водных потоков с мерзлыми дисперсными породами]. Kandidat technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 687. Sandbo, H. (1999). Digital analysis and classification of topography as a tool in geomorphological mapping: A methodological study in geomorphometry from Dovrefjell, southern Norway. [Original: Digital analyse og klassifikasjon av topografi som verktøy innen geomorfologisk kartlegging. En metodestudie innen geomorfometri fra Dovrefjell, Sør-Norge]. MSc Thesis, Department of Geography, University of Oslo, Oslo, Norway. 112 pp. (in Norwegian).
 688. Sarrazin, D. (2000). Characterisation of permafrost using geophysical methods near the outlet of the Nastapoka River, Nunavik. [Original: Caractérisation du pergélisol à l'aide d'une méthode géophysique aux abords de l'embouchure de la Nastapoka, Nunavik]. M.A. Thesis, Université Laval, Sainte-Foy, Québec, Canada. 194 pp. (in French).
 689. Saunders, R.J. (1989). Norman Wells Pipeline : relationships between soil parameters and wheel ditch production rates in permafrost. [Original: Norman Wells Pipeline : relationships between soil parameters and wheel ditch production rates in permafrost]. M.Eng. Thesis, University of Alberta, Edmonton, Canada. pp. (in English).
 690. Savigny, K.W. (1980). In situ analysis of naturally occurring creep in ice-rich permafrost soil. [Original: In situ analysis of naturally occurring creep in ice-rich permafrost soil]. Ph.D. Thesis, Dept. of Civil and Environmental Engineering, University of Alberta, Edmonton, Canada. 355 pp. (in English).
 691. Sazonova, T.S. (2003). Permafrost dynamics in the 20th and 21st centuries along the East-Siberian and Alaskan transects. [Original: Permafrost dynamics in the 20th and 21st centuries along the East-Siberian and Alaskan transects]. Ph.D. Thesis, Geophysical Institute, University of Alaska Fairbanks, Fairbanks, USA. 220 pp. (in English).
 692. Schellekens, F.J. (1997). Fundamentals, accuracy and input parameters of frost heave prediction models. [Original: Fundamentals, accuracy and input parameters of frost heave prediction models]. Ph.D. Thesis, Carleton University, Ottawa, Canada. 304 pp. (in English).
 693. Scherler, M. (2006). Observation and modelling of convective heat transfer in the active layer of alpine permafrost. [Original: Messung und Modellierung konvektiver Wärmetransportprozesse in der Auftauschicht von Gebirgs-Permafrost am Beispiel des Schilthorns]. Diploma Thesis, Geographisches Institut, University of Zürich, Zürich, Switzerland. 106 pp. (in German).
 694. Schlachter, I. (2000). Infiltration into partly frozen soil - its dependence on soil tillage treatments. [Original: Infiltration into partly frozen soil - its dependence on soil tillage treatments]. MSc Thesis, Department of Civil, Environmental and Geomatics Engineering, ETH Zürich, Zürich, Switzerland. 35 pp. (in English).
 695. Schlaefli, S. (2005). Interactive GIS-based modeling of rock flows, rock avalanches and ice avalanches. [Original: Interaktive, GIS-basierte Modellierung von Murgängen, Fels- und Eislawinen]. MSc Thesis, Department of Geography, University of Zurich, Zurich, Switzerland. pp. (in German).
 696. Schlerf, M. (1999). GIS-based investigation of slope instability and permafrost in the Gornergrat area, Wallis. [Original: Die GIS-gestützte Untersuchung von Hanginstabilitäten und Permafrost im Gornergratgebiet, Wallis]. MSc Thesis, Institute for Geography, Justus Liebig University Giessen, Giessen, Germany. 92 pp. (in German).
 697. Schlosser, O. (1990). Geomorphological mapping and investigation of glacial geomorphology in

- the Err-Gruppe (Oberhalbstein, Kt. Graubünden). [Original: Geomorphologische Kartierung und glazialmorphologische Untersuchungen in der Err-Gruppe (Oberhalbstein, Kt. Graubünden)]. MSc Thesis, Geographisches Institut, University of Zürich, Zürich, Switzerland. 90 pp. (in German).
698. Schmidig-Riesen, N. (2003). Validation of an energy balance model for determining surface temperatures at the Stockhorn (VS). [Original: Validierung eines Energiebilanzmodells zur Bestimmung von Oberflächentemperaturen am Stockhorn (VS)]. MSc Thesis, Mathematisch-Naturwissenschaftliche Fakultät, Geographisches Institut, Universität Zürich, Zürich, Switzerland. 140 pp. (in German).
699. Schmidt, I.H. (1990). A Study of Peat Plateaux and Peat Mounds in Frances River Valley, SE Yukon Territory (Canada). [Original: A Study of Peat Plateaux and Peat Mounds in Frances River Valley, SE Yukon Territory (Canada)]. M.Sc. Thesis, Dept. of Geography, University of Calgary, Calgary, Canada. 145 pp. (in English).
700. Schmidt, N. (1998). Microbial properties and habitats of permafrost soils on Taimyr Peninsula, central Siberia. [Original: Mikrobiologische Eigenschaften und Habitate in Permafrostböden der Taimyr Halbinsel, Mittelsibirien]. Ph.D. Thesis, Universität Kiel Kiel, Germany. 183 pp. (in German).
701. Schmitz, F. (2007). Analysis of hyperspectral CHRIS Proba satellite data for assessing the morphometry of thermokarst lakes in the western Lena Delta (Siberia). [Original: Analyse hyperspektraler CHRIS-Proba-Fernerkundungsdaten zur Bestimmung der Morphometrie von Thermokarst-Seen im westlichen Lenadelta (Sibirien)]. Magister Thesis, Institute of Geography, University of Potsdam, Potsdam, Germany. 96 pp. (in German).
702. Schmutz, K. (2005). Aster and SRTM based remote sensing of the Kolka-Karmadon rock/ice avalanche in North Ossetia, Russian Caucasus. [Original: ASTER- und SRTM-basierte Fernerkundung der Kolka-Karmadon Fels-/Eislawine in Nordossetien, Russischer Kaukasus]. MSc Thesis, Department of Geography, University of Zurich, Zurich, Switzerland. pp. (in German).
703. Schneider, B. (1999). Measurements of rock glacier movements in the Outer Hochebenkar (Ötztal Alps, Tirol) since 1938. [Original: Die Bewegungsmessungen am Blockgletscher im Äusseren Hochebenkar (Ötztaler Alpen, Tirol) seit 1938]. MSc Thesis, University of Innsbruck, Innsbruck, Austria. 137 pp. (in German).
704. Schneider, J. (2005). Balance of methane emissions in tundra landscapes in the Lena Delta, NE Siberia, based on remote sensing data and field investigations. [Original: Bilanzierung von Methanemissionen in Tundragebieten am Beispiel des Lena-Deltas, Nordostsibirien, auf der Basis von Fernerkundungsdaten und Geländeuntersuchungen]. Diploma Thesis, Institute of Geography, Technical University Dresden, Dresden, Germany. 125 pp. (in German).
705. Schnelle, M. (2007). Late Quaternary Landscape Dynamics of the Arga-Muore-Sise Island region in the Lena Delta, Northeast Siberia. [Original: Spätquartäre Landschaftsdynamik im Umfeld der Insel Arga Muora Sise im Lena-Delta, Nordost-Sibirien]. Diploma Thesis, Institute of Geography, University of Leipzig, Leipzig, Germany. pp. (in German).
706. Schramm, I. (2005). Hydrologic modeling of an arctic watershed, Alaska. [Original: Hydrologic modeling of an arctic watershed, Alaska]. Diploma Thesis, University of Potsdam, Potsdam, Germany. pp. (in English).
707. Schrott, L. (1994). Solar insolation as controlling factor in the subtropical semi-arid geosystem of the High Andes (Agua Negra, San Juan, Argentina). [Original: Die Solarstrahlung als steuernder Faktor im Geosystem der sub-tropischen semiariden Hochanden (Agua Negra, San Juan, Argentinien)]. PhD Thesis, Geographisches Institut, Universität Heidelberg, Heidelberg, Germany. 199 pp. (in German).
708. Schudel, L. (2003). Permafrost monitoring on the Schilthorn with geophysical methods and meteorological data. [Original: Permafrost monitoring auf dem Schilthorn mit geophysikalischen Methoden und meteorologischen Daten]. MSc Thesis, Mathematisch-Naturwissenschaftliche Fakultät, Geographisches Institut, Universität Zürich, Zürich, Switzerland. 82 pp. (in German).
709. Schulz, B. (1999). Soil microbiological investigations of a low center polygon in the Lena Delta

- (Siberia). [Original: Bodenmikrobiologische Untersuchungen an einem Low-Center-Polygon im Lena-Delta (Sibirien)]. Diploma Thesis, Christian Albrechts University, Kiel, Germany. 59 pp. (in German).
710. Schwamborn, G. (2001). Late Quaternary Sedimentation History of the Lena Delta. [Original: Late Quaternary Sedimentation History of the Lena Delta]. Ph.D. Thesis, Faculty of Mathematics and Natural Sciences, University of Potsdam, Potsdam, Germany. 99 pp. (in English).
711. Seburn, D.C. (1993). Ecological Effects of a Crude Oil Spill on a Subarctic Right-of-Way. [Original: Ecological Effects of a Crude Oil Spill on a Subarctic Right-of-Way]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 164 pp. (in English).
712. Sego, D.C.C. (1980). Deformation of ice under low stresses. [Original: Deformation of ice under low stresses]. Ph.D. Eng. Thesis, University of Alberta, Edmonton, Canada. 429 pp. (in English).
713. Selkirk-Bell, J.M. (2000). Geomorphic processes and environmental change on subantarctic Macquarie Island. [Original: Geomorphic processes and environmental change on subantarctic Macquarie Island]. Ph.D. Thesis, 235 pp. (in English).
714. Seppi, R. (2006). Rock glaciers of the Central Alps as environmental indicators (Adamello-Presanella Group and eastern sector of the Ortles-Cevedale Group). [Original: I rock glaciers delle Alpi Centrali come indicatori ambientali (Gruppo Adamello-Presanella e settore orientale del Gruppo Ortles-Cevedale)]. Ph.D. Thesis, Earth Science Department, University of Pavia, Pavia, Italy. 199 pp. (in Italian).
715. Sevon, D.W. (1985). Rayleigh convection in permafrost: The formation of stone polygons. [Original: Rayleigh convection in permafrost: The formation of stone polygons]. M.Sc. Thesis, University of Wyoming, Laramie, USA. 99 pp. (in English).
716. Sharpe, D.R. (1992). Glacial sediments and landforms, southern Victoria Island, N.W.T., Canada. [Original: Glacial sediments and landforms, southern Victoria Island, N.W.T., Canada]. Ph.D. Thesis, University of Ottawa, Ottawa, Canada. 281 pp. (in English).
717. Shen, M. (1991). Mathematical modelling and application of coupled processes in freezing soil [Original: Mathematical modelling and application of coupled processes in freezing soil]. Ph.D. Thesis, École polytechnique de Montréal, Montréal, Canada. 184 pp. (in English).
718. Shender, N.I. (1987). Basic forecast of ground temperature regimes (a case study from the central and eastern parts of the BAM (Baikal-Amur-Railway) territories). [Original: Основы прогноза температурного режима грунтов (на примере территории освоения центрального и восточного участков БАМа)]. Kandidat geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
719. Sheng, D.C. (1994). Thermodynamics of freezing soils: theory and application. [Original: Thermodynamics of freezing soils: theory and application]. Ph.D. Thesis, Luleå University of Technology, Luleå, Sweden. 201 pp. (in English).
720. Sheng, L. (2006). The feasibility of replacing precise levelling with GPS for permafrost deformation monitoring. [Original: The feasibility of replacing precise levelling with GPS for permafrost deformation monitoring]. M.Sc. Thesis, University of Calgary, Calgary, Canada. 129 pp. (in English).
721. Shenker, A.E. (1979). Glacial, periglacial, and cryopedogenic development of arctic-alpine terrains in the C-26 sector of the Juneau Icefield, Atlin Provincial Park, N.W. British Columbia, Canada. [Original: Glacial, periglacial, and cryopedogenic development of arctic-alpine terrains in the C-26 sector of the Juneau Icefield, Atlin Provincial Park, N.W. British Columbia, Canada]. M.Sc. Thesis, University of Idaho, Moscow, USA. 184 pp. (in English).
722. Sheppard, M.I. (1977). Computer simulation of freezing soil; development and validation using experimental data. [Original: Computer simulation of freezing soil; development and validation using experimental data]. Ph.D. Thesis, University of Guelph, Guelph, Canada. 171 pp. (in English).
723. Shesternev, D.M. (2000). Scientific grounds for assessment of cryogenic weathering action on physical engineering properties of rock mass. [Original: Nauchno-metodicheskie osnovy otsenki vozdeistviia kriogennogo vyvetriviianiia na fiziko-tekhnicheskie svoistva massivov gornyxh porod].

- Ph.D. Thesis, Chitinskii Gosudarstvennyy Tekhnicheskii Universitet, Chita, Russia. 301 pp. (in Russian).
724. Shiklomanov, N.I. (2001). Active-layer thickness in the Kuparuk region, north-central Alaska: spatial time series analysis and stochastic modeling. [Original: Active-layer thickness in the Kuparuk region, north-central Alaska: spatial time series analysis and stochastic modeling]. Ph.D. Thesis, University of Delaware, Newark, USA. 180 pp. (in English).
725. Shirazi, T. (2006). Snowmelt and soil thaw energy in sub-alpine tundra, Wolf Creek, Yukon Territory, Canada. [Original: Snowmelt and soil thaw energy in sub-alpine tundra, Wolf Creek, Yukon Territory, Canada]. M.Sc. Thesis, Simon Fraser University, Canada. 189 pp. (in English).
726. Shrestha, B.B. (1971). Frost susceptibility of soils using heave pressure measurements. [Original: Frost susceptibility of soils using heave pressure measurements]. M.Sc. Thesis, Massachusetts Institute of Technology, Cambridge, USA. 142 pp. (in English).
727. Shroba, R.R. (1977). Soil development in Quaternary tills, rockglacier deposits, and taluses, southern and central Rocky Mountains. [Original: Soil development in Quaternary tills, rockglacier deposits, and taluses, southern and central Rocky Mountains]. PhD Thesis, University of Colorado, Boulder, USA. pp. (in English).
728. Shumilov, Y.V. (1985). Principles of continental lithogenesis and formation of placer deposits in the cryolithozone. [Original: Закономерности континентального литогенеза и россыпеобразования в криолитозоне]. Doktor geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
729. Sigleo, W.R. (1975). A study of late Quaternary environment and man from four sites in southeastern Tasmania. [Original: A study of late Quaternary environment and man from four sites in southeastern Tasmania]. Ph.D. Thesis, University of Tasmania, Hobart, Australia. 297 pp. (in English).
730. Simpson, J.K. (1981). Explosive cratering in frozen media. [Original: Explosive cratering in frozen media]. M.Eng. Thesis, Dept. of Civil Engineering, Royal Military College of Canada, Kingston, Canada. 227 pp. (in English).
731. Sims, R.A. (1983). Ground-truth and large-scale 70 mm aerial photographs in the study of reindeer winter rangeland, Tuktoyaktuk Peninsula area, N.W.T. [Original: Ground-truth and large-scale 70 mm aerial photographs in the study of reindeer winter rangeland, Tuktoyaktuk Peninsula area, N.W.T.]. Ph.D. Thesis, Dept. of Forestry/Remote Sensing, University of British Columbia, Vancouver, Canada. 178 pp. (in English).
732. Sinha, A.K. (1987). Slope stability in Arctic coal mines. [Original: Slope stability in Arctic coal mines]. M.Sc. Thesis, University of Alaska Fairbanks, Fairbanks, USA. 88 pp. (in English).
733. Skachkov, I.B. (2001). Thermal stability of upper horizons of cryolithozone in central Yakutia during recent climate warming. [Original: Термическая устойчивость верхних горизонтов криолитозоны Центральной Якутии при современном потеплении климата]. Master Thesis, Permafrost Institute, Russian Academy of Sciences, Siberian Branch, Yakutsk, Russia. 168 pp. (in Russian).
734. Skaret, K.D. (1995). Stratigraphic, microclimatic and thawing attributes associated with palsas located in the alpine tundra environment of the Macmillan Pass-Tsichu River region, Northwest Territories, Canada. [Original: Stratigraphic, microclimatic and thawing attributes associated with palsas located in the alpine tundra environment of the Macmillan Pass-Tsichu River region, Northwest Territories, Canada]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 177 pp. (in English).
735. Skatchkov, Y.B. (2001). Thermal stability of the upper horizon of the cryolithozone in Central Yakutia under the currently warming climate. [Original: Термическая устойчивость верхних горизонтов криолитозоны Центральной Якутии при современном потеплении климата]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
736. Skaug, Ø. (2000). Influence of scale, data structure and type on the quality of terrain parameters used in relief analysis. [Original: Påvirkning fra skala, datastruktur og representasjon på kvalitet av terrengparametre brukt i digital relieffanalyse]. MSc Thesis, Department of Physical

- Geography, University of Oslo, Oslo, Norway. 88 pp. (in Norwegian).
737. Skryabin, P.N. (1987). Mechanisms of thermal exchange between soils and atmosphere in developed regions of northeastern West Siberia. [Original: Закономерности теплообмена грунтов с атмосферой в осваиваемых районах северо-востока Западной Сибири]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
738. Slagoda, E.A. (1993). Genesis and microstructure of cryolithogenic deposits at Bykovsky Peninsula and Muostakh Island. [Original: Генезис и микростроение криолитогенных отложений Быковского полуострова и острова Муостакх]. Kandidat geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. 218 pp. (in Russian).
739. Sloan, V.F. (1998). The distribution, rheology, and origin of rock glaciers, Selwyn Mountains, Canada. [Original: The distribution, rheology, and origin of rock glaciers, Selwyn Mountains, Canada]. Ph.D. Thesis, University of Colorado, Boulder, USA. 194 pp. (in English).
740. Smith, L.B. (1972). Thaw consolidation tests on remoulded clays. [Original: Thaw consolidation tests on remoulded clays]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 157 pp. (in English).
741. Smith, M.W. (1974). Factors affecting the distribution of permafrost Mackenzie Delta, N.W.T. [Original: Factors affecting the distribution of permafrost Mackenzie Delta, N.W.T.]. Ph.D. Thesis, University of British Columbia, Vancouver, Canada. pp. (in English).
742. Smith, S.L. (1992). Ice lens formation and frost heave from a thermodynamic rheologic perspective. [Original: Ice lens formation and frost heave from a thermodynamic rheologic perspective]. Ph.D. Thesis, Carleton University, Ottawa, Canada. 215 pp. (in English).
743. Snegirev, A.M. (1992). Borehole electric in the frozen zone of the lithosphere. [Original: Скважинная электрометрия мерзлой зоны литосферы]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
744. Solomatin, V.I. (1983). Texture-genetic analysis and ground ice classification. [Original: Ph.D. Thesis, Russia. 43 pp. (in Russian)].
745. Solovyeva, L.N. (1988). Morphology of the cryolithozone in the Sayano-Baikal region (mainly Buryat ASSR). [Original: Морфология криолитозоны Саяно-Байкальской области (на примере Бурятской АССР)]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
746. Somr, C.H. (1991). Origin of polygonal peat plateaus under conditions of continuous permafrost, Truelove Lowland, Devon Island, N.W.T. [Original: Origin of polygonal peat plateaus under conditions of continuous permafrost, Truelove Lowland, Devon Island, N.W.T.]. M.Sc. Thesis, Dept. of Geography, University of Western Ontario, London, Ont., Canada. 212 pp. (in English).
747. Song, J.C. (1988). Some stability criteria in fluid and solid mechanics. [Original: Some stability criteria in fluid and solid mechanics]. Ph.D. Thesis, Cornell University, Ithaca, USA. 115 pp. (in English).
748. Soo, S. (1984). Studies of plain and reinforced frozen soil structures. [Original: Studies of plain and reinforced frozen soil structures]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 299 pp. (in English).
749. Sørli, H. (2002). Distribution of rapid mass movements within map sheet 'Galdhøpiggen': An analysis of the distribution of landslides in Jotunheimen, southern Norway. [Original: Fordelingen av hurtige massebevegelser innenfor kartblad Galdhøpiggen: en analyse av fordelingsmønsteret for ras i Jotunheimen, sørlige Norge]. M.Sc. Thesis, University of Oslo, Oslo, Norway. 73 pp. (in Norwegian).
750. Spaans, E.J.A. (1994). Soil freezing characteristic: its measurement and similarity to the soil moisture characteristic. [Original: Soil freezing characteristic: its measurement and similarity to the soil moisture characteristic]. Ph.D. Thesis, University of Minnesota, Minneapolis, USA. 121 pp. (in English).
751. Spackman, L.K. (1982). Genesis and morphology of soils associated with Laramie Basin (mima-like) mounds. [Original: Genesis and morphology of soils associated with Laramie Basin (mima-

- like) mounds]. M.Sc. Thesis, University of Wyoming, Laramie, USA. 83 pp. (in English).
752. Sparling, J.T. (1975). Oil pipeline construction in arctic regions. [Original: Oil pipeline construction in arctic regions]. M.Sc. Thesis, University of British Columbia, Vancouver, Canada. 57 pp. (in English).
753. Speck, C. (1994). Changes in ground water regime under the influence of glaciers and permafrost. [Original: Änderung des Grundwasserregimes unter dem Einfluss von Gletschern und Permafrost]. PhD Thesis, Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie der ETH Zürich, ETH Zürich, Zürich, Switzerland. pp. (in German).
754. Spektor, V.V. (2003). Origin of the cryolithological complex in the elevated plain of the Lena-Amga interfluvium. [Original: Происхождение криолитогенных комплексов высокой равнины Лено-Амгинского междуречья]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
755. Spesivtsev, V.I. (1999). Spread, composition and evolution of cryolithozone in Barents and Kara seas shelf. [Original: Ph.D. Thesis, Moscow State University, Moscow, Russia. 35 pp. (in Russian)].
756. Spivey, D.B. (1990). Climate change and permafrost in the south Mackenzie Valley: a methodological approach. [Original: Climate change and permafrost in the south Mackenzie Valley: a methodological approach]. M.A. Thesis, Carleton University, Ottawa, Canada. 113 pp. (in English).
757. Spott, O. (2003). Patterned ground-related lakes in polygonal tundra and their role as a source of atmospheric methane. [Original: Frostmusterbedingte Seen der Polygonalen Tundra und ihre Funktion als Quellen atmosphärischen Methans]. Diploma Thesis, Institute of Geography, University of Leipzig, Leipzig, Germany. pp. (in German).
758. Stadler, D.C. (1996). Water and solute dynamics in frozen forest soils; measurements and modelling. [Original: Water and solute dynamics in frozen forest soils; measurements and modelling]. Ph.D. Thesis, ETHZ, Zurich, Switzerland. 149 pp. (in English).
759. Stähli, M. (1997). Heat and water transfer in the frozen soil environment. [Original: Heat and water transfer in the frozen soil environment]. PhD Thesis, Department of Soil Sciences, Swedish University of Agricultural Sciences, Uppsala, Sweden. 35 pp. (in English).
760. Starostin, A.G. (1998). Investigations of the latent heat of water crystallization in fine-grained materials. [Original: Исследование теплоты кристаллизации связанной воды в дисперсных средах]. Kandidat technicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
761. Stauch, G. (2006). Late Quaternary landscape development in the Verchoyansk Mountains, NE Siberia. [Original: Jungquartäre Landschaftsentwicklung im Werchojansker Gebirge, Nordost Sibirien]. Ph.D. Thesis, Faculty for Georesources and Material Technics, Rheinisch-Westfälisch Technical University Aachen (RWTH), Aachen, Germany. 197 pp. (in German).
762. Steer, P. (1982). Hydrology of a slope in the High Arctic. [Original: Hydrology of a slope in the High Arctic]. M.Sc. Thesis, McMaster University, Hamilton, Canada. 111 pp. (in English).
763. Stein, J. (1985). An elaboration of two methods to investigate unfrozen water movement in a snow-soil environment. [Original: An elaboration of two methods to investigate unfrozen water movement in a snow-soil environment]. Ph.D. Thesis, Institute of Northern Engineering, WERC, University of Alaska Fairbanks, Fairbanks, USA. pp. (in English).
764. Stelzer, D.L. (1989). Cyclic load effects on model pile behavior in frozen sand. [Original: Cyclic load effects on model pile behavior in frozen sand]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 349 pp. (in English).
765. Stepanov, A.V. (2001). Heat and mass transfer properties of fine grained sediments and materials due to freezing and thawing. [Original: Тепломассообменные свойства дисперсных пород и материалов при промерзании-протаивании]. Doktor technicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
766. Stevens, C.W. (2007). Subsurface investigation of shallow-water permafrost located within the near-shore zone of the Mackenzie Delta, Northwest Territories, Canada. [Original: Subsurface

- investigation of shallow-water permafrost located within the near-shore zone of the Mackenzie Delta, Northwest Territories, Canada]. M.Sc. Thesis, University of Calgary, Calgary, Canada. 143 pp. (in English).
767. Stocker-Mittaz, C. (2002). Permafrost distribution modeling based on energy balance data. [Original: Permafrost distribution modeling based on energy balance data]. PhD Thesis, Department of Geography, University of Zurich, Zurich, Switzerland. 122 pp. (in English).
768. Stokely, J.L. (1980). Watershed modeling in cold regions: an application to the Sleepers River Research Watershed in northeastern Vermont. [Original: Watershed modeling in cold regions: an application to the Sleepers River Research Watershed in northeastern Vermont]. M.Eng. Thesis, Dartmouth College, Hanover, USA. 241 pp. (in English).
769. Stoker, K. (1986). Thermal and geotechnical properties of soils in the Schefferville area. [Original: Thermal and geotechnical properties of soils in the Schefferville area]. B.A. Thesis, Carlton University, Ottawa, Canada. pp. (in English).
770. Stoker, K.J.L. (1989). Active Layer Detachment Slope Failures on Fosheim Peninsula, Ellesmere Island, Northwest Territories. [Original: Active Layer Detachment Slope Failures on Fosheim Peninsula, Ellesmere Island, Northwest Territories]. M.Sc. Thesis, University of Toronto, Toronto, Canada. 287 pp. (in English).
771. Stoop, P. (1989). On the heat balance of an alpine permafrost area. [Original: Ueber den Wärmehaushalt eines alpinen Permafrostgebietes]. MSc Thesis, ETH Zurich, Zurich, Switzerland. pp. (in German).
772. Straub, R. (2002). The implementation of seismic refraction and DC resistivity methods to estimate the limit of permafrost in Southern Norway. [Original: The implementation of seismic refraction and DC resistivity methods to estimate the limit of permafrost in Southern Norway]. MSc Thesis, Departement Erdwissenschaften, ETH Zürich, Zürich, Switzerland. 86 pp. (in English).
773. Streletskiy, D.A. (2005). Spatial and Temporal Regularities of Permafrost Active Layer Formation on the North Slope of Alaska. [Original: M.Sc. Thesis, Moscow State University, Moscow, Russia. 46 pp. (in Russian).
774. Stucki, T. (1995). Permafrost temperatures in the Oberengadin. [Original: Permafrosttemperaturen im Oberengadin]. MSc Thesis, Abteilung Erdwissenschaften, ETH Zürich, Zürich, Switzerland. 110 pp. (in German).
775. Stumm, D. (2001). Identification of geomorphological landforms with the help of GIS and remote sensing. [Original: Erkennung geomorphologischer Formen mit Hilfe von GIS und Fernerkundung]. MSc Thesis, Geographisches Institut, University of Zurich, Zurich, Switzerland. 72 pp. (in German).
776. Sugumaran, V. (1985). High pressure water jet fragmentation of frozen ground. [Original: High pressure water jet fragmentation of frozen ground]. M.Sc. Thesis, School of Mineral Engineering, University of Alaska Fairbanks, Fairbanks, USA. 134 pp. (in English).
777. Sukhodrovsky, V.L. (1975). Recent exogene relief formation in the geocryozone. [Original: Современные экзогенное рельефообразование в геокриозоне]. Doktor geographicheskikh nauk Thesis, Institute of Geology and Geophysics, Sibir. Branch Acad. Sciences SSSR, Novosibirsk, Russia. pp. (in Russian).
778. Sulaiman, F. (1989). Numerical study of an underground heat tube. [Original: Numerical study of an underground heat tube]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 171 pp. (in English).
779. Sumner, P.D. (2003). On the geomorphic evidence for a late Quaternary periglaciation of the main escarpment region of eastern Southern Africa. [Original: On the geomorphic evidence for a late Quaternary periglaciation of the main escarpment region of eastern Southern Africa]. Ph.D. Thesis, University of Pretoria, Pretoria, South Africa. pp. (in English).
780. Sundström, H. (2002). Thermal regime of a tailing deposit in Bjørndalen, Spitsbergen. [Original: Thermal regime of a tailing deposit in Bjørndalen, Spitsbergen]. M.Sc. Thesis, Uppsala University, Uppsala, Sweden. 42 pp. (in English).

781. Sutter, F. (1996). Investigation of ventilation chimneys in the snow cover of the rock glacier Murtèl, Corvatsch. [Original: Untersuchung von Schloten in der Schneedecke des Blockgletschers Murtèl am Corvatsch]. Diploma Thesis, Geographisches Institut, University of Zürich, Zürich, Switzerland. 86 pp. (in German).
782. Syromyatnikov, I. (2001). Texture of ice wedges and the genesis of the Ice Complex in northern Yakutia. [Original: Diploma Thesis, Yakutsk State University, Permafrost Institute Yakutsk, Yakutsk, Russia. 76 pp. (in Russian).
783. Szojkz, S. (1985). Mapping ground ice using electromagnetic induction methods, Victoria Island, N.W.T., Canada. [Original: Mapping ground ice using electromagnetic induction methods, Victoria Island, N.W.T., Canada]. B.Sc. Honours Thesis, Queen's University, Kingston, Canada. pp. (in English).
784. Takasugi, S. (1982). Failure characteristics of frozen soils under a simulated excavation technique. [Original: Failure characteristics of frozen soils under a simulated excavation technique]. M.Sc. Thesis, Geophysical Institute, University of Alaska Fairbanks, Fairbanks, USA. 61 pp. (in English).
785. Tallman, A.M. (1975). The glacial and periglacial geomorphology of the Fourth of July Creek Valley, Atlin Region, Cassiar District, northwestern British Columbia. [Original: The glacial and periglacial geomorphology of the Fourth of July Creek Valley, Atlin Region, Cassiar District, northwestern British Columbia]. Ph.D. Thesis, Michigan State University, East Lansing, USA. 178 pp. (in English).
786. Tapernon, S. (2000). Determination of oxalate and dithionite soluble iron, manganese and aluminium using north Siberian palaeo soils as an example [Original: Bestimmung von oxalatlöslichem und dithionitlöslichem Eisen, Mangan und Aluminium am Beispiel nordsibirischer Paläoböden]. Diploma Thesis, Advanced Technical College Osnabrück, Osnabrück, Germany. 126 pp. (in German).
787. Taylor, K. (1985). Sensitivity of permafrost to vegetation and microclimate factors. [Original: Sensitivity of permafrost to vegetation and microclimate factors]. M.A. Thesis, Carleton University, Ottawa, Canada. pp. (in English).
788. Taylor, R.S. (1956). A study of some high-latitude patterned-ground features. [Original: A study of some high-latitude patterned-ground features]. Ph.D. Thesis, University of Minnesota, USA. 128 pp. (in English).
789. Teare, C.J. (1998). Spatial and temporal patterns of chemical solute signals in sixteen small tundra streams of the Trail Valley Creek watershed in the western Canadian Arctic. [Original: Spatial and temporal patterns of chemical solute signals in sixteen small tundra streams of the Trail Valley Creek watershed in the western Canadian Arctic]. M.Sc. Thesis, Simon Fraser University, Burnaby, B.C., Canada. 196 pp. (in English).
790. Tester, R.E.B. (1990). Aspects of frost susceptibility of granular soils. [Original: Aspects of frost susceptibility of granular soils]. Ph.D. Thesis, Queen's University, Kingston, Canada. 401 pp. (in English).
791. Thimus, J.F. (1989). Physical, mechanical and rheological characteristics of a clay soil during freezing. Application to Boom clay. [Original: Caractéristiques physiques, mécaniques et rhéologiques d'un sol argileux lors de sa congélation. Application à l'argile de Boom]. Ph.D. Thesis, Université Catholique de Louvain, Louvain, Belgium. pp. (in French).
792. Thom, G. (1981). Patterned ground in South Georgia. [Original: Patterned ground in South Georgia]. Ph.D. Thesis, University of Aberdeen, Aberdeen, UK. 178 pp. (in English).
793. Thorn, C.E. (1974). An analysis of nivation processes and their geomorphic significance, Niwot Ridge, Colorado Front Range. [Original: An analysis of nivation processes and their geomorphic significance, Niwot Ridge, Colorado Front Range]. Ph.D. Thesis, University of Colorado, Boulder, USA. 351 pp. (in English).
794. Threlfall, J.L. (1988). Sediment source and discharge variability in a small subarctic nival catchment. [Original: Sediment source and discharge variability in a small subarctic nival catchment]. Ph.D. Thesis, West Yorkshire, UK. 337 pp. (in English).

795. Thurston, T. (1987). The snow cover and hydrology of a wet meadow and willow community in Sverdrup Pass, Ellesmere Island. [Original: The snow cover and hydrology of a wet meadow and willow community in Sverdrup Pass, Ellesmere Island]. B.Sc. Thesis, University of Toronto, Toronto, Canada. pp. (in English).
796. Ting, J.M. (1981). Creep of frozen sands: qualitative and quantitative models. [Original: Creep of frozen sands: qualitative and quantitative models]. Ph.D. Thesis, Department of Civil Engineering, Massachusetts Institute of Technology, Cambridge, USA. pp. (in English).
797. Titkov, S.N. (1987). Rock glaciers of the Tien-Shan. [Original: Каменные глетчеры Тянь-Шаня]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
798. Tonghua, W. (2005). The Response of Permafrost to Global Climate Change on the Qinghai-Tibet Plateau. [Original: Ph.D. Thesis, Chinese Academy of Sciences, Cold and Arid Regions Environmental and Engineering Research Institute, Lanzhou, China. 136 pp. (in Chinese).
799. Torgovkin, Y.I. (2005). Landscape indicators and mapping of permafrost conditions in the Lena river basin. [Original: Ландшафтная индикация и картографирование мерзлотных условий бассейна р.Лены]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
800. Trimble, J.R. (1978). A comparison of the creep deformations of naturally frozen soils under static and repeated loadings. [Original: A comparison of the creep deformations of naturally frozen soils under static and repeated loadings]. M.Sc. Thesis, Queen's University, Kingston, Canada. 139 pp. (in English).
801. Trombotto, D. (1988). Investigations of periglacial forms and periglacial sediments at 'Lagunita del Plata', Mendoza, Argentina. [Original: Untersuchungen zum periglazialen Formenschatz und zu periglazialen Sedimenten in der "Lagunita del Plata", Mendoza, Argentinien]. Ph.D. Thesis, Institute of Geography, University of Heidelberg, Heidelberg, Germany. 260 pp. (in German).
802. Tu, Z. (1996). Effects of an open boundary on winter time free convection in a porous roadway embankment. [Original: Effects of an open boundary on winter time free convection in a porous roadway embankment]. M.Sc. Thesis, School of Engineering, University of Alaska Fairbanks, Fairbanks, USA. 200 pp. (in English).
803. Tumskoy, V.Y. (2002). Thermokarst and its role for the development of the Laptev Sea region during Late Pleistocene and Holocene. [Original: Kandidat geologio-mineralogitshekikh nauk Thesis, Faculty of Geology, Moscow State University, Moscow, Russia. 150 pp. (in Russian).
804. Turcotte, D.S. (2002). Radiation budget, ground thermal regime and hydrological balance of a low Arctic tundra basin, Coppermine River, N.W.T. [Original: Radiation budget, ground thermal regime and hydrological balance of a low Arctic tundra basin, Coppermine River, N.W.T.]. M.E.S. Thesis, Wilfrid Laurier University, Waterloo, Canada. 172 pp. (in English).
805. Turetsky, M.R. (2002). Carbon storage and decay in peatlands under varying permafrost regimes. [Original: Carbon storage and decay in peatlands under varying permafrost regimes]. Ph.D. Thesis, University of Alberta, Edmonton, Canada. 136 pp. (in English).
806. Turner, J. (2004). Investigating the effects of climate change and sea level rise on the coastal processes of the Beaufort Sea, Yukon Territory. [Original: Investigating the effects of climate change and sea level rise on the coastal processes of the Beaufort Sea, Yukon Territory]. M.Sc. Thesis, McGill University, Montréal, Canada. 132 pp. (in English).
807. Ugarov, I.S. (2001). Hydrothermal regime of soils during agricultural development in Central Yakutia. [Original: Гидротермический режим почвогрунтов при сельскохозяйственном освоении в Центральной Якутии]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
808. Ulrich, M. (2006). Characteristics and spectral properties of periglacial landscapes in the Lena Delta, NE Siberia. [Original: Charakteristik und spektrale Eigenschaften periglazialer Landschaften im Lena-Delta, NO-Sibirien]. Diploma Thesis, Faculty of Physics and Geosciences, Institute for Geography, University of Leipzig, Leipzig, Germany. 133 pp. (in German).

809. Usov, V.A. (1967). Cryogenic structure and formation of the perennially frozen marine sediments. [Original: Ph.D. Thesis, Leningrad State University, Leningrad, Russia. pp. (in Russian).
810. Uzman, R.V. (2001). Thermal regime and stability of low-pressure hydrological systems in the cryolithozone. [Original: Температурный режим и устойчивость низконапорных гидроузлов грунтовых каналов в криолитозоне]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
811. Välranta, M. (2005). Plant macrofossil evidence of changes in aquatic and terrestrial environments in north-eastern European Russia and Finnish Lapland since late Weichselian. [Original: Plant macrofossil evidence of changes in aquatic and terrestrial environments in north-eastern European Russia and Finnish Lapland since late Weichselian]. Ph.D. Thesis, Department of Geology, University of Helsinki, Helsinki, Finland. 37 pp. (in English).
812. Van Hoesen, J.G. (2003). Late Quaternary glacial and periglacial environments, Snake Range, Nevada. [Original: Late Quaternary glacial and periglacial environments, Snake Range, Nevada]. Ph.D. Thesis, University of Nevada, Las Vegas, USA. 225 pp. (in English).
813. Van Loon, W.K.P. (1991). Heat and mass transfer in frozen porous media. [Original: Heat and mass transfer in frozen porous media]. Ph.D. Thesis, Wageningen Agricultural University, Wageningen, The Netherlands. 204 pp. (in English).
814. Vannahme, G. (1999). Evaluation of the productivity of Arctic tundra sites exemplified by a North Siberian tundra area on the Taymyr Peninsula. [Original: Bewertung der Produktivität arktischer Standorte am Beispiel eines nordsibirischen Tundrangebietes der Taimyr-Halbinsel]. Ph.D. Thesis, University of Potsdam, Potsdam, Germany. pp. (in German).
815. Vardy, S.R. (1997). Climate change and postglacial environmental history of permafrost peatlands in the Mackenzie Delta area, N.W.T. [Original: Climate change and postglacial environmental history of permafrost peatlands in the Mackenzie Delta area, N.W.T.]. Ph.D. Thesis, University of Waterloo, Waterloo, Ontario, Canada. 157 pp. (in English).
816. Varlamov, S.P. (1999). Temperature regime of permafrost ground in the landscapes of Central Yakutia. [Original: Температурный режим грунтов мерзлых ландшафтов Центральной Якутии]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
817. Vasilchuk, Y.K. (1991). Late Quaternary syncryogenic deposits of northern Eurasia: Structure, oxygen isotope composition and conditions of formation. [Original: Позднечетвертичные синкриогенные толщи севера Евразии: строение, изотопнокислородный состав и условия формирования]. Doktor geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
818. Vasilyev, I.S. (1984). Mechanisms of the seasonal thawing of soils in Eastern Yakutia. [Original: Закономерности сезонного протаивания грунтов в Восточной Якутии]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
819. Vidyapin, I.I. (1999). Mechanism and principles of formation of moisture-conducting properties of a frozen zone in freezing soils. [Original: Mekhanizm i zakonomernosti formirovaniia vlagoprovodnykh svoistv merzloi zony promerzaiushchikh gruntov]. Master Thesis, Moscow State University, Moscow, Russia. 171 pp. (in Russian).
820. Viklander, P. (1997). Compaction and thaw deformation of frozen soil. Permeability and structural effects due to freezing and thawing. [Original: Compaction and thaw deformation of frozen soil. Permeability and structural effects due to freezing and thawing]. Ph.D. Thesis, Dept. of Civil and Mining Engineering, Luleå University of Technology, Luleå, Sweden. 22 pp. (in English).
821. Viljoen, D.W. (1993). Practical Limits to Mapping the Active Layer: a Geostatistical Evaluation of Frost Table Probe and Remote Sensing Data. [Original: Practical Limits to Mapping the Active Layer: a Geostatistical Evaluation of Frost Table Probe and Remote Sensing Data]. M.A. Thesis, Carleton University, Ottawa, Canada. 135 pp. (in English).
822. Vincent, D.G. (1979). Small basin hydrology in the discontinuous permafrost zone. [Original: Small basin hydrology in the discontinuous permafrost zone]. M.A.Sc. Thesis, University of

- British Columbia, Vancouver, Canada. 66 pp. (in English).
823. Vishnivetskaya, T. (2003). Green algae and cyanobacteria as a part of the microbial community of Arctic and Antarctic permafrost. [Original: Zelenue vodorosli i cyanobakterii kak komponent mikrobnux soobshestva vechnomerzlux otlojenii Arktiki i Antarktidu]. Ph.D. Thesis, Soil Cryology Laboratory, Institute for Physicochemical and Biological Problems in Soil Science, Russian Academy of Sciences, Pushchino, Russia. 156 pp. (in Russian).
824. Vita, C.L. (1985). Arctic route geotechnical characterization and analysis: a systems approach. [Original: Arctic route geotechnical characterization and analysis: a systems approach]. Ph.D. Thesis, University of Washington, Seattle, USA. 271 pp. (in English).
825. Vita, C.L. (1985). Arctic route geotechnical characterization and analysis: a systems approach [Original: Arctic route geotechnical characterization and analysis: a systems approach]. Ph.D. Thesis, University of Washington, Seattle, USA. 251 pp. (in English).
826. Volk, M. (1990). Comparative climatological analysis of rock glaciers elevations in two study regions in the Swiss Alps. [Original: Vergleichende klimatologische Analyse der Höhenlage von Blockgletschern in zwei Untersuchungsräumen der Schweizer Alpen]. Master Thesis, Institute for Geography, JLU Giessen, Giessen, Germany. 105 pp. (in German).
827. Volkov, N. (2006). The Forecast of Temperature and Water-ionic Regime of Frozen Salted Soils and Cryopegs (on Yamal Peninsula). [Original: Ph.D. Thesis, Department of Geology, Moscow State University, Moscow, Russia. 210 pp. (in Russian).
828. Völksch, I. (2004). Investigation and modeling of small scale differences of mountain permafrost behaviour. [Original: Untersuchung und Modellierung kleinräumiger Unterschiede im Verhalten von Gebirgspermafrost]. MSc Thesis, Department of Earth Sciences, ETH Zürich, Zürich, Switzerland. 85 pp. (in German).
829. Vollmer, M. (1999). Creeping mountain permafrost: displacement measurement by digital photogrammetry. [Original: Kriechen alpinen Permafrostes: Grundlagen zur digitalen photogrammetrischen Bewegungsmessung]. Diploma Thesis, Department of Geography, University of Zurich, Zürich, Switzerland. 46 pp. (in German).
830. von Elverfeldt, K. (2002). Analysis of rock glacier kinematics in the Turtmanntal, Wallis, using digital photogrammetry. [Original: Analyse der Blockgletscherkinematik im Turtmanntal, Wallis, mittels digitaler Photogrammetrie]. MSc Thesis, Geographisches Institut, Rheinische Friedrich-Wilhelms-Universität, Bonn, Germany. 114 pp. (in German).
831. von Witsch, U. (2001). Permafrost detection with BTS measurements: A comparison between Swiss Alps and Rocky Mountains. [Original: Permafrosterkundung mit BTS-Messungen. Eine vergleichende Studie aus den Schweizer Alpen und den Rocky Mountains]. Diploma Thesis, Geographisches Insitut, Universität Bonn, Bonn, Germany. 97 pp. (in German).
832. Vonder Mühl, D.S. (1988). Geo-thermal studies of a permafrost borehole in Murtèl-Corvatsch. [Original: Geothermische Studien zur Permafrostbohrung Murtèl-Corvatsch]. MSc Thesis, ETH Zürich, Zurich, Switzerland. pp. (in German).
833. Vonder Mühl, D.S. (1993). Geophysical investigations of permafrost in the Upper Engadine. [Original: Geophysikalische Untersuchungen im Permafrost des Oberengadins]. PhD Thesis, Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie der ETH Zürich, ETH Zürich, Zürich, Switzerland. 222 pp. (in German).
834. Voser, N. (2003). The phenomenon of the 'Eppaner Eisloecher' in South Tyrol. [Original: Das Phänomen der Eppaner Eislöcher in Südtirol]. MSc Thesis, Mathematisch-Naturwissenschaftliche Fakultät, Geographisches Institut, Universität Zürich, Zürich, Switzerland. 71 pp. (in German).
835. Voskresenskii, K.S. (1999). Recent land forming processes in northern Russian plains. [Original: Sovremennye rel'efoobrazuiushchie protsessy na ravninakh Severa Rossii]. Ph.D. Thesis, Vserossiiskii Nauchno-Tekhnicheskii Informatsionnyy Tsentr, Moscow, Russia. 360 pp. (in Russian).
836. Wagner, D. (2007). Microbial perspectives of the methane cycle in permafrost ecosystems in the Eastern Siberian Arctic: implications for the global methane budget. [Original: Microbial

- perspectives of the methane cycle in permafrost ecosystems in the Eastern Siberian Arctic: implications for the global methane budget]. Habilitation Thesis, University of Potsdam, Potsdam, Germany. pp. (in English).
837. Wagner, S. (1996). Three-dimensional modelling of two glaciers and deformation analysis of ice-rich permafrost. [Original: Dreidimensionale Modellierung zweier Gletscher und Deformationsanalyse von eisreichem Permafrost]. PhD Thesis, Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie der ETH Zürich, ETH Zürich, Zürich, Switzerland. 104 pp. (in German).
838. Wåle, M. (2000). Inner structure of selected rock glaciers in Svalbard. [Original: Indre struktur på utvalgte steinbreer på Svalbard]. MSc Thesis, Geografisk institutt, University of Oslo, Oslo, Norway. pp. (in Norwegian).
839. Walger, M. (1998). Palsas in Laivavagge. A field study of the vegetation structure on palsas, palsa stages and the depth to the ice layer. [Original: Palsas in Laivavagge. A field study of the vegetation structure on palsas, palsa stages and the depth to the ice layer]. M.Sc. Thesis, Department of Earth Sciences, Uppsala University, Uppsala, Sweden. 96 pp. (in English).
840. Walker, D.A. (1977). Analysis of the effectiveness of a television scanning densitometer for indicating geobotanical features in an ice-wedge polygon complex at Barrow, Alaska. [Original: Analysis of the effectiveness of a television scanning densitometer for indicating geobotanical features in an ice-wedge polygon complex at Barrow, Alaska]. M.A. Thesis, University of Colorado, Boulder, USA. 129 pp. (in English).
841. Walker, G.G. (1988). Transient electromagnetics for permafrost. [Original: Transient electromagnetics for permafrost]. Ph.D. Thesis, University of Alaska Fairbanks, Fairbanks, USA. 308 pp. (in English).
842. Walker, H.J. (1960). The changing nature of man's quest for food and water as related to snow, ice, and permafrost in the American Arctic. [Original: The changing nature of man's quest for food and water as related to snow, ice, and permafrost in the American Arctic]. Ph.D. Thesis, Louisiana State University, Baton Rouge, USA. 276 pp. (in English).
843. Walker, M.D. (1987). Vegetation and floristics of pingos, central arctic coastal plain, Alaska. [Original: Vegetation and floristics of pingos, central arctic coastal plain, Alaska]. Ph.D. Thesis, University of Colorado, Boulder, USA. 409 pp. (in English).
844. Walmsley, M.E. (1973). Soil/water chemistry relationships and characterization of the physical environment microform : intermittent permafrost zone, MacKenzie Valley, N.W.T. [Original: Soil/water chemistry relationships and characterization of the physical environment microform : intermittent permafrost zone, MacKenzie Valley, N.W.T.]. M.Sc. Thesis, University of British Columbia, Vancouver, Canada. 87 pp. (in English).
845. Walter, K.M. (2006). Methane emissions from lakes in northeast Siberia and Alaska. [Original: Methane emissions from lakes in northeast Siberia and Alaska]. PhD Thesis, Department of Biology and Wildlife, University of Alaska Fairbanks, Fairbanks, USA. 143 pp. (in English).
846. Walter, M.T. (1995). Winter-time hydrologic modeling over a three dimensional landscape. [Original: Winter-time hydrologic modeling over a three dimensional landscape]. Ph.D. Thesis, Washington State University, Pullman, USA. 97 pp. (in English).
847. Walters, J.C. (1975). Origin and paleoclimatic significance of fossil periglacial phenomena in central and northern New Jersey. [Original: Origin and paleoclimatic significance of fossil periglacial phenomena in central and northern New Jersey]. Ph.D. Thesis, State University of New Jersey Rutgers, New Brunswick, USA. 147 pp. (in English).
848. Wang, B. (1993). Some aspects of plateau permafrost, Qinghai-Xizang (Tibet) Plateau, China, and a comparison with the Mackenzie Delta region, Canada. [Original: Some aspects of plateau permafrost, Qinghai-Xizang (Tibet) Plateau, China, and a comparison with the Mackenzie Delta region, Canada]. Ph.D. Thesis, University of Ottawa, Ottawa, Canada. 245 pp. (in English).
849. Wang, D.Y. (1994). Coupled thermo-mechanical analysis of pipelines buried in freezing ground. [Original: Coupled thermo-mechanical analysis of pipelines buried in freezing ground]. M.Eng. Thesis, Carleton University, Ottawa, Canada. 210 pp. (in English).

850. Wang, X. (1995). Finite element modeling of temperature, stress, and displacement fields around an underground opening in frozen ground. [Original: Finite element modeling of temperature, stress, and displacement fields around an underground opening in frozen ground]. M.Sc. Thesis, School of Mineral Engineering, University of Alaska Fairbanks, Fairbanks, USA. 185 pp. (in English).
851. Warburton, J. (1985). Rayleigh convection and the initiation of sorted patterned ground: three field investigations. [Original: Rayleigh convection and the initiation of sorted patterned ground: three field investigations]. M.A. Thesis, University of Colorado, Boulder, USA. 127 pp. (in English).
852. Watkins, T.J. (1989). Man-induced terrain disturbance on the Fosheim Peninsula, Ellesmere Island, Northwest Territories. [Original: Man-induced terrain disturbance on the Fosheim Peninsula, Ellesmere Island, Northwest Territories]. B.Sc. Thesis, Erindale College, University of Toronto, Toronto, Canada. 94 p. pp. (in English).
853. Weaver, J.S. (1979). Pile Foundations in Permafrost. [Original: Pile Foundations in Permafrost]. Ph.D. Thesis, Dept. of Civil and Environmental Engineering, University of Alberta, Edmonton, Canada. pp. (in English).
854. Webb, G. (2000). Modelling of snowmelt infiltration in small depressions during early spring in Saskatchewan. [Original: Modelling of snowmelt infiltration in small depressions during early spring in Saskatchewan]. Bachelor's Thesis, 26 pp. (in English).
855. Weber, M. (2003). Surface structures on rock glaciers. [Original: Oberflächenstrukturen auf Blockgletschern]. MSc Thesis, Department of Geography, University of Zurich, Zurich, Switzerland. pp. (in German).
856. Weerdenburg, P.C. (1982). Analytical study of time-dependent deformation in permafrost. [Original: Analytical study of time-dependent deformation in permafrost]. Master Thesis, Dept. of Civil and Environmental Engineering, University of Alberta, Edmonton, Canada. 215 pp. (in English).
857. Wegmann, G. (1995). Permafrost distribution at low elevations above sea level - a case study from Brüeltobel (AI). [Original: Permafrostvorkommen auf geringer Meereshöhe – eine Fallstudie im Brüeltobel (AI)]. MSc Thesis, Geographisches Institut, University of Zurich, Zurich, Switzerland. pp. (in German).
858. Wegmann, M. (1998). Frost dynamics of high alpine rock walls in the Jungfrauoch-Aletsch region. [Original: Frostdynamik in hochalpinen Felswänden am Beispiel der Region Jungfrauoch-Aletsch]. PhD Thesis, Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie der ETH Zürich, ETH Zürich, Zürich, Switzerland. 144 pp. (in German).
859. Weiher, U. (1994). Possible causes for the inactivity of rock glaciers in permafrost regions of Alaska. [Original: Mögliche Ursachen für die Inaktivität von Blockgletschern im Permafrost Alaskas]. MSc Thesis, Fakultät für Geowissenschaften, Geographisches Institut, Ruprecht-Karls-Universität, Heidelberg, Germany. 94 pp. (in German).
860. Weihnacht, B. (2000). Application of georadar in permafrost regions for the characterization of the active layer. [Original: Georadaranwendung im Permafrost zur Charakterisierung der Auftauschicht]. Diploma Thesis, Technical University and Mining Academy Freiberg / Alfred Wegener Institute for Polar and Marine Research, Freiberg, Germany. pp. (in German).
861. Wellen, E.W. (1979). Sublimation of ice from permafrost silt at the CRREL tunnel. [Original: Sublimation of ice from permafrost silt at the CRREL tunnel]. M.Sc. Thesis, Cold Regions Research and Engineering Laboratory, University of Alaska Fairbanks, Fairbanks, USA. 155 pp. (in English).
862. Wenker, L. (1997). Prediction of the spatial distribution of permafrost in the south-west Swiss Alps. Comparison between the Diablerets (VD) and the Mont Gelé (VS). [Original: Prévision de la répartition spatiale du permafrost dans les Alpes Suisses du Sud-Ouest. Comparaison entre les Diablerets (VD) et le Mont Gelé (VS)]. MSc Thesis, Institut de Géographie, Université de Lausanne, Lausanne, Switzerland. 83 pp. (in French).
863. Werner, K. (2006). Palynological investigation of a peat profile in the foreland of the Verkhojan

- Mountains: A contribution to the Holocene vegetational history of Northeast Siberia. [Original: Palynologische Untersuchung eines Torfprofils im Vorland des Werchojansker Gebirges: Ein Beitrag zur holozänen Vegetationsgeschichte Nordostsibiriens]. Diploma Thesis, University of Potsdam, Potsdam, Germany. 99 pp. (in German).
864. West, J.J. (2007). Dynamics of thaw lakes in the present and in a warming climate. [Original: Dynamics of thaw lakes in the present and in a warming climate]. M.Sc. Thesis, Dalhousie University, Halifax, Canada. 97 pp. (in English).
865. Wetterich, S. (2005). The recent Ostracode fauna of the Lena Delta (Northeast Siberia). [Original: Die rezente Ostracodenfauna des Lenadeltas (Nordostsibirien)]. Diploma Thesis, University of Potsdam, Potsdam, Germany. 97 pp. (in German).
866. Whidden, J.A. (1994). Developing waste water management strategies using environmental isotopes for mines in the Northwest Territories, Canada. [Original: Developing waste water management strategies using environmental isotopes for mines in the Northwest Territories, Canada]. M.Sc. Thesis, Dept. of Earth Sciences, University of Waterloo, Waterloo, Canada. pp. (in English).
867. White, D.M. (1995). Bioremediation of crude oil in the active layer overlying Alaska's north slope permafrost. [Original: Bioremediation of crude oil in the active layer overlying Alaska's north slope permafrost]. Ph.D. Thesis, University of Notre Dame, Notre Dame, USA. 187 pp. (in English).
868. White, T.L. (1992). Cryogenic alteration of a frost susceptible soil. [Original: Cryogenic alteration of a frost susceptible soil]. M.Sc. Thesis, Carleton University, Ottawa, Canada. 137 pp. (in English).
869. Wiedemann, R. (2000). Perennial ice patches in alpine permafrost as possible Holocene climate archives. [Original: Perennierende Eisflecken im alpinen Permafrost als mögliche holozäne Klimaarchive]. Diploma Thesis, Geographisches Institut, Universität Zürich, Zurich, Switzerland. 149 pp. (in German).
870. Wijeweera, H. (1990). Creep and strength behavior of fine-grained frozen soils. [Original: Creep and strength behavior of fine-grained frozen soils]. Ph.D. Thesis, Dept. of Civil Engineering, University of Calgary, Calgary, Canada. 415 pp. (in English).
871. Wilbur, S.C. (1995). Fluvial and hillslope geomorphology of Hoseanna Creek Watershed, central Alaska. [Original: Fluvial and hillslope geomorphology of Hoseanna Creek Watershed, central Alaska]. Ph.D. Thesis, University of Alaska Fairbanks, Fairbanks, USA. 287 pp. (in English).
872. Williams, D.J. (1995). Predicting the location of permafrost in central Yukon Territory. [Original: Predicting the location of permafrost in central Yukon Territory]. M.A. Thesis, Carleton University, Ottawa, Canada. 136 pp. (in English).
873. Winnicky, K.L. (1995). On the permeability of frozen silt to organic contaminants. [Original: On the permeability of frozen silt to organic contaminants]. M.A. Thesis, Carleton University, Ottawa, Canada. 95 pp. (in English).
874. Wood, J.A. (1985). Internal pressures in freezing soils. [Original: Internal pressures in freezing soils]. Ph.D. Thesis, Carleton University, Ottawa, Canada. 261 pp. (in English).
875. Wood, W.B. (1984). Periglacial geomorphology and pedology of the Francs Fork - West Fork of Timber Creek Interfluve, Absaroka Range, Wyoming. [Original: Periglacial geomorphology and pedology of the Francs Fork - West Fork of Timber Creek Interfluve, Absaroka Range, Wyoming]. M.Sc. Thesis, University of Wyoming, Laramie, USA. 114 pp. (in English).
876. Woods, C.B. (1977). Distribution and selected characteristics of high altitude patterned ground in the summit area of Plateau Mountain, Alberta. [Original: Distribution and selected characteristics of high altitude patterned ground in the summit area of Plateau Mountain, Alberta]. M.Sc. Thesis, Dept. of Geography, University of Calgary, Calgary, Canada. 171 pp. (in English).
877. Wright, J.F. (1995). A hybrid model for predicting permafrost occurrence and thickness. [Original: A hybrid model for predicting permafrost occurrence and thickness]. M.A. Thesis, Carleton University, Ottawa, Canada. 92 pp. (in English).
878. Wright, R.K. (1980). The water balance of a lichen tundra underlain by permafrost. [Original: The

- water balance of a lichen tundra underlain by permafrost]. Ph.D. Thesis, McGill University, Montreal, Canada. 235 pp. (in English).
879. Wu, M.-C. (1985). The temperature and geometry influences on an underground opening in the frozen ground. [Original: The temperature and geometry influences on an underground opening in the frozen ground]. M.Sc. Thesis, School of Mineral Engineering, University of Alaska Fairbanks, Fairbanks, USA. 186 pp. (in English).
880. Wuttig, F.J. (1988). Occurrence, distribution and movement of salts and moisture in permafrost near Fairbanks, Alaska. [Original: Occurrence, distribution and movement of salts and moisture in permafrost near Fairbanks, Alaska]. M.Sc. Thesis, School of Mineral Engineering, University of Alaska Fairbanks, Fairbanks USA. 120 pp. (in English).
881. Xia, Z. (1993). Modelling permafrost hydrology using limited data. [Original: Modelling permafrost hydrology using limited data]. Ph.D. Thesis, McMaster University, Hamilton, Canada. 255 pp. (in English).
882. Xu, C. (2005). Size-fractionation and characterization of cryoturbated soil organic matter in Arctic tundra, Alaska. [Original: Size-fractionation and characterization of cryoturbated soil organic matter in Arctic tundra, Alaska]. M.Sc. Thesis, Dept. of Plant, Animal, & Soil Sciences, University of Alaska Fairbanks, Fairbanks, USA. 124 pp. (in English).
883. Yakovlev, A.V. (1989). Creation of underground cavities in permafrost by hydroerosion through boreholes and its use for the national economy. [Original: Создание подземных полостей в мерзлых отложениях методом скважинного гидроразмыва и использование их в народном хозяйстве]. Kandidat technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
884. Yang, D. (1997). Investigation of the scaling laws for centrifuge modeling of frost heave. [Original: Investigation of the scaling laws for centrifuge modeling of frost heave]. Ph.D. Thesis, University of Maryland, College Park, USA. 233 pp. (in English).
885. Yao, L.Y.C. (1964). Shear strength characteristics of a silty clay subjected to freezing and thawing. [Original: Shear strength characteristics of a silty clay subjected to freezing and thawing]. Ph.D. Thesis, Cornell University, Ithaca, USA. 187 pp. (in English).
886. Yarnal, B.M. (1979). The sequential development of a rock glacier-like landform, Mount Assiniboine Provincial Park, British Columbia. [Original: The sequential development of a rock glacier-like landform, Mount Assiniboine Provincial Park, British Columbia]. M.Sc. Thesis, Dept. of Geography, University of Calgary, Calgary, Canada. 141 pp. (in English).
887. Yerшов, E.D. (1977). Moisture migration and cryogenic structures in unconsolidated ground. [Original: Влагоперенос и криогенные текстуры в дисперсных породах]. Doktor geologio-mineralogitsheskikh nauk Thesis, Faculty of Geology, Moscow State University, Moscow, Russia. pp. (in Russian).
888. Yerшova, G.E. (2003). Temporal and spatial variability of microclimate and permafrost conditions in Fairbanks region, Alaska. [Original: Temporal and spatial variability of microclimate and permafrost conditions in Fairbanks region, Alaska]. MSc. Thesis, Dept. of Geology and Gophysics, University of Alaska Fairbanks, Fairbanks, USA. 139 pp. (in English).
889. Yi, S. (2006). Modeling soil freezing and thawing fronts in a land surface-atmosphere interaction scheme. [Original: Modeling soil freezing and thawing fronts in a land surface-atmosphere interaction scheme]. Ph.D. Thesis, McMaster University, Hamilton, Canada. 193 pp. (in English).
890. Yin, J.H. (1990). Constitutive modelling of time-dependent stress-strain behaviour of soils. [Original: Constitutive modelling of time-dependent stress-strain behaviour of soils]. Ph.D. Thesis, University of Manitoba, Winnipeg, Canada. 338 pp. (in English).
891. You, R. (1998). Modelling Buried Pipelines in Freezing Soils Using Non-Linear Fourier Finite Elements. [Original: Modelling Buried Pipelines in Freezing Soils Using Non-Linear Fourier Finite Elements]. M.Sc. Thesis, University of Calgary, Calgary, Canada. 233 pp. (in English).
892. Young, E.M. (2006). Maximum frost depth and freeze-thaw frequency measurements and simulations at Bellemont, Arizona. [Original: Maximum frost depth and freeze-thaw frequency measurements and simulations at Bellemont, Arizona]. Master's Thesis, USA. 98 pp. (in

- English).
893. Young, K.L. (1996). Slope Hydroclimatology and Hydrologic Responses to Global Change in a Small High Arctic Basin. [Original: Slope Hydroclimatology and Hydrologic Responses to Global Change in a Small High Arctic Basin]. Ph.D. Thesis, McMaster University, Hamilton, Canada. 198 pp. (in English).
 894. Youssef, H.H. (1979). Development of a testing apparatus for static and dynamic creep of ice and frozen soils. [Original: Development of a testing apparatus for static and dynamic creep of ice and frozen soils]. M.Sc. Thesis, University of Calgary, Calgary, Canada. 100 pp. (in English).
 895. Youzwishen, O.O. (2001). Flexural rehabilitation of energy pipelines using fibre-reinforced polymer composites. [Original: Flexural rehabilitation of energy pipelines using fibre-reinforced polymer composites]. M.Sc. Thesis, University of Alberta, Edmonton, Canada. 162 pp. (in English).
 896. Yu, H. (1995). Using SAR imagery for estimating soil moisture levels in Arctic Alaska. [Original: Using SAR imagery for estimating soil moisture levels in Arctic Alaska]. MSc. Thesis, Institute of Northern Engineering, WERC, University of Alaska Fairbanks, Fairbanks, USA. pp. (in English).
 897. Zall, L.S. (1974). Aerial photographic and ground reconnaissance of permafrost and nonpermafrost Arctic terrain as studied in interior Alaska. [Original: Aerial photographic and ground reconnaissance of permafrost and nonpermafrost Arctic terrain as studied in interior Alaska]. M.Sc. Thesis, Cornell University, Ithaca, USA. 246 pp. (in English).
 898. Zamosh, M.N. (1987). Technogenesis of river valleys in the permafrost zone and recultivation of disturbed land (a case study in alluvial deposits of the Upper Kolyma). [Original: Техногенез речных долин криолитозоны и рекультивация нарушенных земель (на примере россыпных месторождений бассейна Верхней Колымы)]. Kandidat geographicheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
 899. Zanner, C.W. (1999). Late-Quaternary landscape evolution in southeastern Minnesota: Loess, eolian sand and the periglacial environment. [Original: Late-Quaternary landscape evolution in southeastern Minnesota: Loess, eolian sand and the periglacial environment]. Ph.D. Thesis, University of Minnesota, Minneapolis, USA. 394 pp. (in English).
 900. Zarnetske, J.P. (2006). Headwater hyporheic zones in a warming Arctic climate: An assessment of hyporheic dynamics across distinct geomorphic and permafrost conditions. [Original: Headwater hyporheic zones in a warming Arctic climate: An assessment of hyporheic dynamics across distinct geomorphic and permafrost conditions]. M.Sc. Thesis, Department of Aquatic, Watershed, and Earth Resources, Utah State University, Logan, USA. 128 pp. (in English).
 901. Zech, M. (2007). The use of biomarker and stable isotope analyses in palaeopedology: reconstruction of middle and late quaternary environmental and climate history, with examples from Mt. Kilimanjaro, NE Siberia and NE Argentina. [Original: The use of biomarker and stable isotope analyses in palaeopedology: reconstruction of middle and late quaternary environmental and climate history, with examples from Mt. Kilimanjaro, NE Siberia and NE Argentina]. Ph.D. Thesis, University of Bayreuth, Bayreuth, Germany. 191 pp. (in English).
 902. Zeilstra, P. (1991). Investigations of the near-surface ground with DC resistivity. [Original: Untersuchungen am oberflächennahen Untergrund mit Hilfe der Gleichstromgeoelektrik]. MSc Thesis, Universität Bern, Bern, Switzerland. pp. (in German).
 903. Zergenyi, R. (1996). Grubenkar, Wallis, Swiss Alps. A geophysical investigation. [Original: Grubenkar, Wallis, Schweizer Alpen. Eine geophysikalische Bestandesaufnahme]. MSc Thesis, Versuchsanstalt für Wasserbau, Hydrologie und Glaziologie, ETH Zürich, Zürich, Switzerland. pp. (in German).
 904. Zhang, T. (1989). Thermal regime of permafrost within the depth of annual temperature variation at Prudhoe Bay, Alaska. [Original: Thermal regime of permafrost within the depth of annual temperature variation at Prudhoe Bay, Alaska]. M.Sc. Thesis, College of Natural Sciences, University of Alaska Fairbanks, Fairbanks, USA. 145 pp. (in English).
 905. Zhang, T. (1993). Climate, seasonal snow cover and permafrost temperatures in Alaska north of the Brooks Range. [Original: Climate, seasonal snow cover and permafrost temperatures in

- Alaska north of the Brooks Range]. Ph.D. Thesis, University of Alaska Fairbanks, Fairbanks, USA. 255 pp. (in English).
906. Zhelesniak, M.N. (2002). Geothermal field and cryolithozone in the south-eastern part of the Siberian platform. [Original: Геотемпературное поле и криолитозона юго-восточной части Сибирской платформы]. Doktor geologio-mineralogitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
907. Zhestakova, T.N. (1988). Formation of the cryogenic structure of frozen rocks [Original: Формирование криогенного строения мерзлых пород]. Doktor geologio-mineralogitsheskikh nauk Thesis, Faculty of Geology, Moscow State University, Moscow, Russia. pp. (in Russian).
908. Zhi, W. (2006). Evaluation on thermal-insulation method application to the road engineering in permafrost regions on Qinghai-Tibetan plateau. [Original: Ph.D. Thesis, State Key Laboratory of Frozen Soil Engineering, Cold and Arid Regions Environmental and Engineering Research Institute, Lanzhou, China. pp. (in Chinese).
909. Zhou, W. (1997). Numerical modeling of the thermal regime in a lake-soil system in northern Alaska. [Original: Numerical modeling of the thermal regime in a lake-soil system in northern Alaska]. M.Sc. Thesis, School of Mineral Engineering, University of Alaska Fairbanks, Fairbanks, USA. 102 pp. (in English).
910. Zhu, M. (2006). Modeling and simulation of frost heave in frost-susceptible soils. [Original: Modeling and simulation of frost heave in frost-susceptible soils]. Ph.D. Thesis, 116 pp. (in English).
911. Zhuang, Q. (2001). Modeling the influences of climate change, permafrost dynamics, and fire disturbance on carbon dynamics of high latitude ecosystems. [Original: Modeling the influences of climate change, permafrost dynamics, and fire disturbance on carbon dynamics of high latitude ecosystems]. Ph.D. Thesis, Department of Biology and Wildlife, University of Alaska Fairbanks, Fairbanks, USA. 218 pp. (in English).
912. Zibulskii, V.R. (1987). Theoretical basics and principles of automatization in permafrost research [Original: Теоретические основы и принципы автоматизации геокриологических исследований]. Doktor technitsheskikh nauk Thesis, Permafrost Institute Yakutsk, Yakutsk, Russia. pp. (in Russian).
913. Zimmermann, C. (2000). Paleoecological analysis of a peat bog underlain by permafrost at mont du Lac des Cygnes (Charlevoix, Québec). [Original: Analyse paléoécologique de la tourbière à pergélisol du mont du Lac des Cygnes (Charlevoix, Québec)]. Thesis, Université Laval, Québec Canada. 41 pp. (in French).
914. Zimmermann, U. (2007). Methane oxidizing bacteria communities in soils and sediments of the Siberian permafrost. [Original: Methanoxidierende Bakteriengemeinschaften in Böden und Sedimenten des sibirischen Permafrostes]. Ph.D. Thesis, Institute of Soil Sciences, University of Hamburg, Hamburg, Germany. 123 pp. (in German).
915. Zöllner, E. (1999). Soil microbiological investigations in the Lena Delta, North Siberia. [Original: Bodenmikrobiologische Untersuchungen im nordsibirischen Lena-Delta]. Diploma Thesis, Christian Albrechts University, Kiel, Germany. 144 pp. (in German).
916. Zuidhoff, F.S. (2003). Palsa Growth and Decay in Northern Sweden: Climatic and Environmental Controls. [Original: Palsa Growth and Decay in Northern Sweden: Climatic and Environmental Controls]. Ph.D. Thesis, Department of Earth Sciences, Uppsala University, Uppsala, Sweden. 30 pp. (in English).