

# COMPLETE LIST OF PHD DISSERTATIONS IN PHYSICAL GEOGRAPHY AND QUATERNARY GEOLOGY AT STOCKHOLM UNIVERSITY\*

## The Department of Geography 1929 – 1954\* The Department of Physical Geography 1955 – 1993\* Dissertations before 1994

- Sigurdur Thorarinsson**, 1944. Tefrokronologiska studier på Island. Þjórsárdalur och dess förödelse.  
*Faculty Opponent*: Prof. Lennart von Post.\*
- Carl Mannerfelt**, 1945. Några glacialmorfologiska formelement.  
*Faculty Opponent*: Prof. Veinö Tanner.\*
- O. Harald Johnsson**, 1946. Termisk-hydrologiska studier i sjön Klämningen.  
*Faculty Opponent*: Prof. B. Hellström.\*
- Carl C. Wallén**, 1949. Glacial meteorological investigations on the Kårsa Glacier in Swedish Lapland 1942-1948.  
*Faculty Opponent*: Prof. Harald Ulrik Sverdrup.\*
- Carl-Gustav Holdar**, 1957. Deglaciationsförloppet i Torneträsk-området.  
*Faculty Opponent*: Doc. Carl C. Wallén.\*
- Valter Schytt**, 1958. A. Snow studies at Maudheim. B Snow studies inland. C. The inner structure of the ice shelf at Maudheim as shown by core drilling.  
*Faculty Opponent*: Doc. Carl C. Wallén.\*
- Gunnar Østrem**, 1965. Studies of ice-cored moraines.  
*Faculty Opponent*: Doc. Valter Schytt.
- P.J. Williams**, 1969. Properties and behaviour of freezing soils.  
*Faculty Opponent*: Prof. Gunnar Beskow.
- Leif Wastenson**, 1970. Flygbildstolkning av berghällar och blockmark. Metodstudier av tolkningsmöjligheten i olika flygbildsmaterial.  
*Faculty Opponent*: Prof. Harald Svensson.
- Lars-Erik Åse**, 1970. Shore-displacement in Eastern Svealand and Åland during the last 4,000 years.  
*Faculty Opponent*: Prof. John Norrman.
- Stig Jonsson**, 1970. Strukturstudier av subpolär glaciäris från Kebnekaiseområdet.  
*Faculty Opponent*: Doc. Gunnar Østrem.
- Bo Strömberg**, 1971. Isrecessionen i området kring Ålands hav.  
*Faculty Opponent*: Doc. Erik Fromm.
- Erik Bergström**, 1973. Den prerecenta lokalglaciationens utbredningshistoria inom Skanderna.  
*Faculty Opponent*: Doc. Ragnar Dahl.
- Kurt Viking Abrahamsson**, 1974. Äkäslompolo-områdets glacialmorfologi och deglaciation.  
*Faculty Opponent*: Prof. Veikko Okko.
- Dietrich Soye**, 1974. Geomorfologiska inventeringar och deglaciationsstudier i Dalarna och Västerbotten.  
*Faculty Opponent*: Prof. Paul Fogelberg.
- Weston Blake Jr.**, 1975. Studies of glacial history in the Queen Elizabeth Islands, Canadian arctic archipelago.  
*Faculty Opponent*: Dr. Jan Mangerud.
- Wibjörn Karlén**, 1976. Holocene climatic fluctuations indicated by glacier and tree-limit variations in northern Sweden.  
*Faculty Opponent*: Doc. Jan Lundqvist.
- Bengt Lundén**, 1977. Jordartskartering med flygbildsteknik. En metodundersökning i olika bildmaterial.  
*Faculty Opponent*: Doc. Jan O. Mattsson.
- Margareta Ihse**, 1979. Flygbildstolkning av vegetation. Metodstudier för översiktlig kartering.  
*Faculty Opponent*: Prof. Måns Ryberg.
- Lill Lundgren**, 1980. Soil erosion in Tanzanian mountain areas.  
*Faculty Opponent*: Doc. Lennart Strömquist.
- Kurt-Åke Zakrisson**, 1980. Vårflödesprognoser med utgångspunkt från snötaxeringar i Malmagenområdet.  
*Faculty Opponent*: Doc. Thorsten Stenborg.
- Olle Melander**, 1980. Studier av geomorfologi och isavsmältning i nordvästra Lappland.  
*Faculty Opponent*: 1. amanuensis Johan Ludvig Sollid.
- Ann-Cathrine Ulfstedt**, 1980. Fjällen i Västerbotten och södra Norrbotten. Anmärkningar om geomorfologi och isrecession.  
*Faculty Opponent*: Doc. Bo Strömberg.
- Wolter Arnberg**, 1981. Multispectral reflectance measurements and signature analysis.  
*Faculty Opponent*: Prof. Sipi Jaakkola.
- Carl Christiansson**, 1981. Soil erosion and sedimentation in Semi-arid Tanzania.  
*Faculty Opponent*: Doc. Lennart Strömquist.
- Johan Kleman**, 1985. The spectral reflectance of coniferous tree stands and of barley influenced by stress. An analysis of field measured spectral data.  
*Faculty Opponent*: Prof. Dag Gjessing.
- Lennart Vilborg**, 1985. Cirque forms in northern and central Sweden. Studies 1959-1985.  
*Faculty Opponent*: Prof. Anders Rapp.
- Per Holmlund**, 1988. Studies of the drainage and the response to climatic change of Mikkaglaciären and Storglaciären.  
*Faculty Opponent*: Dr. Helgi Björnsson.
- Henrik Österholm**, 1989. The glacial history of Prins Oscars Land Nordaustlandet, Svalbard.  
*Faculty Opponent*: Doc. Harald Agrell.
- Laine Boresjö**, 1989. Multitemporal analysis of satellite data for vegetation mapping in Sweden.  
*Faculty Opponent*: Prof. Friedrich Quiel.
- Ingmar Borgström**, 1989. Terrängformerna och den glaciala utvecklingen i södra fjällen.  
*Faculty Opponent*: Prof. Johan Ludvig Sollid.
- Christian Bronge**, 1989. Climatic aspects of hydrology and lake sediments with examples from northern Scandinavia and Antarctica.  
*Faculty Opponent*: Doc. Stig Jonsson.
- Kjell Wester**, 1992. Spectral signature measurements and image processing for geological remote sensing.  
*Faculty Opponent*: Prof. Friedrich Quiel.
- Gunhild Rosqvist**, 1992. Late Quaternary equatorial glacier fluctuations.  
*Faculty Opponent*: Prof. Chalmers Clapperton.
- Maj-Liz Nordberg**, 1993. Integration of remote sensing and ancillary data for geographical analysis and risk assessment of forest regeneration failures.  
*Faculty Opponent*: Prof. Stein Bie.

**The Department of Geology 1909-1959\***  
**The Department of Quaternary Research 1960-1995**  
**Dissertations before 1995**

- Carl-Gösta Wenner**, 1948. Pollen diagrams from Labrador: a contribution to the Quaternary geology of Newfoundland-Labrador, with comparisons between North America and Europe.  
*Faculty Opponent:* Prof. Leo Aario.\*
- Tryggve Troedsson**, 1955. Vattnet i skogsmarken.  
*Faculty Opponent:* Dr Gunnar Ekström.\*
- Gunnar Gillberg**, 1956. Den glaciala utvecklingen inom sydsvenska höglandets västra randzon III. issjöar och isavsmältning. *Faculty Opponent:* Doc. Carl-Gösta Wenner \*
- Jan Lundqvist**, 1958. Studies of the Quaternary history and deposits of Värmland, Sweden. Experiences made while preparing a survey map.  
*Faculty Opponent:* Doc. Joakim Donner.\*
- Björn Järnefors**, 1963. Lervarvskronologien och isrecessionen i östra Mellansverige.  
*Faculty Opponent:* Doc. Jan Lundqvist.
- Erik Fromm**, 1965. Aspects of the Quaternary geology of Norrbotten, northern Sweden.  
*Faculty Opponent:* Doc. Jan Lundqvist.
- Allan Jerbo**, 1965. Bottniska lersediment. En geologisk – geoteknisk översikt.  
*Faculty Opponent:* Dr. Heikki Ignatius.
- Nils-Axel Mörner**, 1969. The late Quaternary history of the Kattegatt Sea and the Swedish west coast. Deglaciation, shorelevel displacement, chronology, isostasy and eustasy.  
*Faculty Opponent:* Doc. Erik Fromm.
- Oskar (Thoomas) Talme**, 1969. I. Investigations of the formation of sensitive clays and secondary changes in strength in clay layers at Uggleviken, Jönåker and Ugglum. II. Clay sensitivity and chemical stabilization.  
*Faculty Opponent:* professor emeritus Gunnar Beskow.
- Christer Persson**, 1970. Tephrochronological investigation of peat deposits in Scandinavia and on the Faroe Islands.  
*Faculty Opponent:* Prof. Joakim Donner.
- Karin Eriksson**, 1971. Inlandsisens avsmältning i området Vålådalen – Sällsjön i sydvästra Jämtland.  
*Faculty Opponent:* Doc. Jan Lundqvist.
- Björn Sellberg**, 1972. Petroleumprodukters spridning i jordlager.  
*Faculty Opponent:* Prof. Gunnar Beskow.
- Nils Granlund**, 1972. Skrymdensitet och korntorlek hos några friktionsjordarter.  
*Faculty Opponent:* Fil. lic Erik Saare.
- James Bergström**, 1972. Seasonal variations and distribution of dissolved iron in a ground water aquifer.  
*Faculty Opponent:* Doc. Oskar (Thoomas) Talme.
- Öivind Toverud**, 1974. Copper, lead, zinc anomalies in glacial overburden, northern Sweden.  
*Faculty Opponent:* Doc. Gösta Armands.
- Dick Hedberg**, 1976. Volymförändringar hos jordarter efter upprepad frysning och tining.  
*Faculty Opponent:* Doc. Allan Jerbo.
- Per-Arne Melkerud**, 1977. Samband mellan morän och berggrund. En travers över Östergötlands kambrosilurområde.  
*Faculty Opponent:* Doc. Gunnar Glücklich.
- Jan Kristiansson**, 1986. The ice recession in the south-eastern part of Sweden. A varve-chronological time scale for the latest part of the Late Weichselian.  
*Faculty Opponent:* Doc. Bertil Ringberg.
- Ann-Marie Robertsson**, 1988. Biostratigraphical studies of interglacial and interstadial deposits in Sweden. Reinvestigations of the stratigraphy at Pilgrimstad, Öje and Boliden, and studies of the new sites Margareteberg and Seitevare.  
*Faculty Opponent:* Prof. Kauko Korpela.
- Karin I. E. Östmark**, 1988. Till genesis in areas of crystalline bedrock with undulating topography. Examples from west Greenland and central Sweden.  
*Faculty Opponent:* Dr. Erik Lagerlund.
- Karin García Ambrosiani**, 1990. Pleistocene stratigraphy in Central and Northern Sweden – a reinvestigation of some classical sites.  
*Faculty Opponent:* Prof. Joakim Donner.
- Marianne Lilliesköld**, 1990. Lithology of some Swedish eskers.  
*Faculty Opponent:* Dr. Karin Eriksson.
- Thomas Andréén**, 1990. Till stratigraphy and ice recession in the Bothnian Bay.  
*Faculty Opponent:* Dr. Heikki Ignatius.
- Elsbet Liivrand**, 1991. Biostratigraphy of the Pleistocene deposits in Estonia and correlations in the Baltic region.  
*Faculty Opponent:* Prof. Joakim Donner.
- Jan Risberg**, 1991. Palaeoenvironment and sea level changes during the early Holocene on the Södertörn peninsula, Södermanland, eastern Sweden.  
*Faculty Opponent:* Dr. Gunnar Digerfeldt.
- Anders Wasell**, 1993. Diatom stratigraphy and evidence of Holocene environmental changes in selected lake basins in the Antarctic and South Georgia.  
*Faculty Opponent:* Prof. Kimmo Tolonen

\* Stockholm University College 1878-1960

**The Department of Physical Geography 1994-2000**  
**The Department of Physical Geography and Quaternary Geology 2001-2006**  
**Dissertation Series, 1994-2006**

- Peter Jansson**, 1994. Studies of short-term variations in ice dynamics, Storglaciären, Sweden. Dissertation No. 1.  
*Faculty Opponent:* Prof. Hans Röthlisberger.
- Elisabeth Isaksson**, 1994. Climate records from shallow firn cores, Dronning Maud Land, Antarctica. Dissertation No. 2.  
*Faculty Opponent:* Dr. Claus Hammer.
- Karin Holmgren**, 1995. Late Pleistocene climatic and environmental changes in Central Southern Africa. Dissertation No. 3.  
*Faculty Opponent:* Prof. Stephen Trudgill.
- Pius Zebhe Yanda**, 1995. Temporal and spatial variations of soil degradation in Mwisanga Catchment, Kondo, Tanzania. Dissertation No. 4.  
*Faculty Opponent:* Doc. Jonas Åkerman.
- Anders Moberg**, 1996. Temperature variations in Sweden since the 18<sup>th</sup> century. Dissertation No. 5.  
*Faculty Opponent:* Dr. Phil D. Jones.
- Arjen P. Stroeven**, 1996. Late Tertiary glaciations and climate dynamics in Antarctica: Evidence from the Sirius Group, Mount Fleming, Dry Valleys. Dissertation No. 6.  
*Faculty Opponent:* Prof. David Sugden.
- Annika Dahlberg**, 1996. Interpretations of environmental change and diversity: A study from North East District, Botswana. Dissertation No. 7.  
*Faculty Opponent:* Prof. Andrew Warren.
- Helle Skånes**, 1996. Landscape change and grassland dynamics. Retrospective studies based on aerial photographs and old cadastral maps during 200 years in South Sweden. Dissertation No. 8.  
*Faculty Opponent:* Prof. Hubert Gulinck.
- Clas Hätteland**, 1997. Ribbed moraines and Fennoscandian palaeogeology. Dissertation No. 9.  
*Faculty Opponent:* Dr. Chris Clark.

- Guðrún Gísladóttir**, 1998. Environmental characterisation and change in South-western Iceland. Dissertation No. 10.  
*Faculty Opponent*: Prof. Jesper Brandt.
- Jens-Ove Näslund**, 1998. Ice sheet, climate, and landscape interactions in Dronning Maud Land, Antarctica. Dissertation No. 11.  
*Faculty Opponent*: Prof. David Sugden.
- Mats G. Eriksson**, 1998. Landscape and soil erosion history in Central Tanzania. A study based on lacustrine, colluvial and alluvial deposits. Dissertation No. 12.  
*Faculty Opponent*: Prof. Michael Thomas.
- Nkobi M. Moleele**, 1999. Bush encroachment and the role of browse in cattle production. An ecological perspective from a bush encroached grazing system, Olifants Drift, Kgatleg District, Southeast Botswana. Dissertation No. 13.  
*Faculty Opponent*: Prof. Norman Owen-Smith.
- Lars-Ove Westerberg**, 1999. Mass movement in East African Highlands: Processes, effects and scar recovery. Dissertation No. 14.  
*Faculty Opponent*: Prof. Ana L. Coelho Netto.
- Malin M. Stenberg**, 2000. Spatial variability and temporal changes in snow chemistry, Dronning Maud Land, Antarctica. Dissertation No. 15.  
*Faculty Opponent*: Prof. Jon-Ove Hagen.
- Ola Ahlqvist**, 2000. Context sensitive transformation of geographic information. Dissertation No. 16.  
*Faculty Opponent*: Prof. Peter Fisher.
- Sara A. O. Cousins**, 2001. Plant species diversity patterns in a Swedish rural landscape: Effects of the past and consequences for the future. Dissertation No. 17.  
*Faculty Opponent*: Dr. Roy Haines-Young.
- Cecilia Richardson-Näslund**, 2001. Spatial distribution of snow in Antarctica and other glacier studies using ground-penetrating radar. Dissertation No. 18.  
*Faculty Opponent*: Prof. Robert W. Jacobel.
- Thomas Schneider**, 2001. Hydrological processes in firn on Storglaciären, Sweden. Dissertation No. 19.  
*Faculty Opponent*: Prof. Andrew Fountain.
- Hans W. Linderholm**, 2001. Temporal and spatial couplings between tree-ring variability and climate in Scandinavia. Dissertation No. 20.  
*Faculty Opponent*: Dr. Astrid Ogilvie.
- Marianne I. Lagerklint**, 2001. Marine multi-proxy records of late Quaternary climate change from the Atlantic Ocean. Dissertation No. 21.  
*Faculty Opponent*: Dr. Lloyd H. Burckle.
- Richard Y.M. Kangalawe**, 2001. Changing land-use patterns in the Irangi hills, central Tanzania. A study of soil degradation and adaptive farming strategies. Dissertation No. 22.  
*Faculty Opponent*: Prof. William Adams.
- Anders Clarhäll**, 2002. Glacial Erosion Zonation - Perspectives on topography, landforms, processes and time. Dissertation No. 23.  
*Faculty Opponent*: Dr. Chris Clark.
- Krister N. Jansson**, 2002. Glacial geomorphology of north-central Labrador-Ungava, Canada. Dissertation No. 24.  
*Faculty Opponent*: Dr. Andrée Bolduc.
- Björn E. Gunnarson**, 2002. Holocene climate and environmental fluctuations from subfossil pines in central Sweden. Dissertation No. 25.  
*Faculty Opponent*: Prof. Mike G. L. Baillie.
- Katarina Lövenhaft**, 2002. Spatial and temporal perspectives on biodiversity for physical planning. Dissertation No. 26.  
*Faculty Opponent*: Prof. Jan Bengtsson.
- Anna Allard**, 2003. Vegetation changes in mountainous areas. A monitoring methodology based on aerial photographs, high-resolution satellite images, and field investigations. Dissertation No. 27.  
*Faculty Opponent*: Doc. Timo Helle.
- Per Klingbjer**, 2004. Glaciers and climate in northern Sweden during the 19<sup>th</sup> and 20<sup>th</sup> century. Dissertation No. 28.  
*Faculty Opponent*: Dr. Georg Kaser.
- Ola Fredin**, 2004. Mountain Centered Icefields in Northern Scandinavia. Dissertation No. 29.  
*Faculty Opponent*: Prof. Jon Landvik.
- Johan M. Bonow**, 2004. Palaeosurfaces and palaeovalleys on North Atlantic previously glaciated passive margins- reference forms for conclusions on uplift and erosion. Dissertation No. 30.  
*Faculty Opponent*: Dr. Adrian Hall.
- Rickard Pettersson**, 2004. Dynamics of the cold surface layer of polythermal Storglaciären, Sweden. Dissertation No. 31  
*Faculty Opponent*: Prof. Helgi Björnsson.
- Katarina Lundblad**, 2006. Studies on Tropical Palaeo-variation in Climate and Cosmic Ray Influx. Geochemical Data from Stalagmites Collected in Tanzania and Northern South Africa. Dissertation No. 32.  
*Faculty Opponent*: Prof. Augusto Mangini.
- Lena Rubensdotter**, 2006. Alpine lake sediment archives and catchment geomorphology; causal relationships and implications for paleoenvironmental reconstructions. Dissertation No. 33.  
*Faculty Opponent*: Prof. Catherine Souch.

### The Department of Quaternary Research Dissertations in *Quaternaria*, Ser. A, 1995-2001

- Stefan Wastegård**, 1995. Late Weichselian - Early Holocene marine stratigraphy in southwestern Värmland and northwestern Dalsland, SW Sweden. Dissertation No. 1.  
*Faculty Opponent*: Dr. Rolf Sørensen.
- Lars Brunnberg**, 1995. Clay-varve chronology and deglaciation during the Younger Dryas and Preboreal in the easternmost part of the Middle Swedish Ice Marginal Zone. Dissertation No. 2.  
*Faculty Opponent*: Doc. Bo Strömberg.
- Gustav Sohlenius**, 1996. The history of the Baltic proper since the Late Weichselian deglaciation as recorded in sediments. Dissertation No. 3.  
*Faculty Opponent*: Dr. Birger Larsen.
- Amir Mokhtari Fard**, 1998. Rapid deglaciation and ice sheet retreat in the Stockholm area, Sweden a sedimentological perspective. Dissertation No. 4.  
*Faculty Opponent*: Dr. Tom van Loon.
- Per Westman**, 1998. Salinity and trophic changes in the north-western Baltic Sea during the last 8500 years as indicated by microfossils and chemical parameters in sediments. Dissertation No. 5.  
*Faculty Opponent*: Prof. Björg Stabell.
- Jonas Björck**, 1999. Event stratigraphy for the Last Glacial-Holocene transition in eastern middle Sweden. Dissertation No. 6.  
*Faculty Opponent*: Prof. Mike Walker.
- Kristian Schoning**, 2001. Marine conditions in middle Sweden during the late Weichselian and early Holocene as inferred from foraminifera, Ostracoda and stable isotopes. Dissertation No. 8.  
*Faculty Opponent*: Prof. Alan Lord.
- Laimdota Kalnina**, 2001. Middle and Late Pleistocene environmental changes recorded in the Latvian part of the Baltic Sea basin. Dissertation No. 9.  
*Faculty Opponent*: Prof. Else Kolstrup.
- Anna Hedenström**, 2001. Early Holocene shore displacement in eastern Svealand, Sweden, based on diatom stratigraphy, radiocarbon chronology and geochemical parameters. Dissertation No. 10.  
*Faculty Opponent*: Prof. Ingemar Renberg.
- Tiit Hang**, 2001. Proglacial sedimentary environment, varve chronology and late Weichselian development of the Lake Peipsi, eastern Estonia. Dissertation No. 11.  
*Faculty Opponent*: Prof. Matti Saarnisto.

**The Department of Physical Geography and Quaternary Geology  
Dissertations in Quaternary Geology 2002-2006**

- Greger Lindeberg**, 2002. The Swedish varved clays revisited: Spectral- and image analysis of different types of varve series from the Baltic Basin. Dissertation No. 1.  
*Faculty Opponent*: Prof. Björn Malmgren.
- Rathnasiri Premathilake**, 2003: Late Quaternary palaeoecological event stratigraphy in the Horton Plains, central Sri Lanka - with contributions to the recent pollen flora. Dissertation No.2.  
*Faculty Opponent*: Prof. Francoise Gasse.
- Angelica Feurdean**, 2004: Palaeoenvironment in north-western Romania during the last 15,000 years. Dissertation No. 3.  
*Faculty Opponent*: Prof. Katherine J. Willis.

- Anders Borgmark**, 2005: The colour of climate: changes in peat decomposition as a proxy for climate change. Dissertation No. 4.  
*Faculty Opponent*: Dr. Bas van Geel.
- Jens Heimdahl**, 2005: Urbanised nature in the past - site formation and environmental development in two Swedish towns, AD 1200-1800. Dissertation No. 5.  
*Faculty Opponent*: Dr. Jane Sidall.

**The Department of Physical Geography and Quaternary Geology Dissertations 2006-2014  
Dissertations from the Department of Physical Geography 2015-2018  
(PG = Physical Geography, QG = Quaternary Geology)**

- Håkan Grudd**, 2006. Tree rings as sensitive proxies of past climate change. Dissertation No. 1 (PG).  
*Faculty Opponent*: Prof. Brian Luckman.
- Ulf Jonsell**, 2006. Sulfur in polar ice and snow. Interpretations of past atmosphere and climate through glacial archives. Dissertation No. 2 (PG).  
*Faculty Opponent*: Dr. Mark Curran.
- Hanna S. Sundqvist**, 2007. Speleothems as environmental recorders - A study of Holocene speleothems and their growth environments in Sweden. Dissertation No. 3 (PG).  
*Faculty Opponent*: Prof. Frank McDermott.
- Patrik Klintonberg**, 2007. More water, less grass? An assessment of resource degradation and stakeholders' perceptions of environmental change in Ombuga grassland, northern Namibia. Dissertation No. 4 (PG).  
*Faculty Opponent*: Prof. Stein Bie.
- Maria Ryner**, 2007. Past environmental and climate changes in northern Tanzania. Vegetation and lake level variability in Empakaai Crater. Dissertation No. 5 (PG).  
*Faculty Opponent*: Prof. Henry Lamb.
- Daniel S. Veres**, 2007. Terrestrial response to Dansgaard-Oeschger cycles and Heinrich events: the lacustrine record of Les Echets, south-eastern France. Dissertation No. 6 (QG).  
*Faculty Opponent*: Prof. John J. Lowe.
- Yoshihiro Shibuo**, 2007. Modelling water and solute flows at land-sea and land-atmosphere interfaces under data limitations. Dissertation No. 7 (PG).  
*Faculty Opponent*: Dr. Clifford Voss.
- Gesse Dessie**, 2007. Forest Decline in South Central Ethiopia: Extent, history and process. Dissertation No. 8 (PG).  
*Faculty Opponent*: Prof. Mats Widgren.
- Hernán De Angelis**, 2007. Palaeo-ice streams in the north-eastern Laurentide Ice Sheet. Dissertation No. 9 (PG).  
*Faculty Opponent*: Dr. Colm Ó Cofaigh.
- Amélie Darracq**, 2007. Long-term development, modeling and management of nutrient loading to inland and coastal waters. Dissertation No. 10 (PG).  
*Faculty Opponent*: Prof. Andrea Rinaldo.
- Elin Norström**, 2008. Late Quaternary climate and environmental change in the summer rainfall region of South Africa - A study using trees and wetland peat cores as natural archives. Dissertation No. 11 (PG).  
*Faculty Opponent*: Prof. Michael Meadows.
- Fredrik Hannerz**, 2008. Making water information relevant on local to global scale - the role of Information Systems for Integrated Water Management. Dissertation No. 12 (PG).  
*Faculty Opponent*: Prof. Dennis Lettenmaier.
- Mattias de Woul**, 2008. Response of glaciers to climate change. Dissertation No. 13 (PG).  
*Faculty Opponent*: Prof. Roger Braithwaite.
- Bradley W. Goodfellow**, 2008. Relict non-glacial surfaces and autochthonous blockfields in the northern Swedish mountains. Dissertation No. 14 (PG).  
*Faculty Opponent*: Dr. Adrian Hall.

- Martina Hättestrand**, 2008. Vegetation and climate during Weichselian ice free intervals in northern Sweden - interpretations from fossil and modern pollen records. Dissertation No. 15 (QG).  
*Faculty Opponent*: Dr. Donatella Magri.
- Linda Ampel**, 2008. Dansgaard-Oeschger cycles and Heinrich events in western Europe - A diatom perspective. Dissertation No. 16 (QG).  
*Faculty Opponent*: Prof. Sherilyn Fritz.
- Gull Olli**, 2008. Waterborne sediment and pollutant transport into lakes and accumulation in lake sediments. Dissertation No. 17 (PG).  
*Faculty Opponent*: Prof. Ingmar Renberg.
- Christina E. Jonsson**, 2009. Holocene climate and atmospheric circulation changes in northern Fennoscandia - interpretations from lacustrine oxygen isotope records. Dissertation No. 18 (PG).  
*Faculty Opponent*: Dr. Philip Barker.
- Karin Ebert**, 2009. Cenozoic landscape evolution in northern Sweden. Geomorphological interpretation within a GIS-framework. Dissertation No. 19 (PG).  
*Faculty Opponent*: Prof. Paul Bishop.
- Sofia Andersson**, 2010. Late Holocene humidity variability in central Sweden. Dissertation No. 20 (QG).  
*Faculty Opponent*: Prof. Frank Chambers.
- Jakob Heyman**, 2010. Palaeoglaciology of the northeastern Tibetan Plateau. Dissertation No. 21 (PG).  
*Faculty Opponent*: Prof. Frank Lehmkuhl.
- Timothy Johnsen**, 2010. Late Quaternary ice sheet history and dynamics in central and southern Scandinavia. Dissertation No. 22 (QG).  
*Faculty Opponent*: Prof. James T. Teller.
- A. Britta K. Sannel**, 2010. Temporal and spatial dynamics in subarctic peat plateaus and thermokarst lakes. Dissertation No. 23 (PG).  
*Faculty Opponent*: Prof. Serge Payette.
- Thomas Grabs**, 2010: Water quality modeling based on landscape analysis: Importance of riparian hydrology. Dissertation No. 24 (PG).  
*Faculty Opponent*: Dr. Irena F. Creed.
- Sofia Eriksson**, 2011: Cross-scale perspectives on heterogeneity in Swedish boreal forests. Dissertation No. 25 (PG).  
*Faculty Opponent*: Prof. Risto Kalliola.
- Gustaf Hugelius**, 2011: Quantity and quality of soil organic matter in permafrost terrain. Dissertation No. 26 (PG).  
*Faculty Opponent*: Prof. Philip Woakey.
- Susanne Ingvald**, 2011. Snow particle size investigations using digital image analysis - implications for ground observations and remote sensing of snow. Dissertation No. 27 (PG).  
*Faculty Opponent*: Prof. Matti Leppäranta.
- Klas Persson**, 2011. Quantifying pollutant spreading and the risk of water pollution in hydrological catchment. A solute travel time-based scenario approach. Dissertation No. 28 (PG).  
*Faculty Opponent*: Prof. Aldo Fiori.

- Helena Öberg**, 2012. Diatoms in Lake Duluti - Tracking Environmental Variability in Northern Tanzania during the Past 1000 Years. Dissertation No. 29 (PG).  
*Faculty Opponent*: Dr. Robert Marchant.
- Martin Margold**, 2012. Retreat pattern and dynamics of glaciers and ice sheets: reconstructions based on meltwater features. Dissertation No. 30 (PG).  
*Faculty Opponent*: Dr. Chris Stokes.
- A. Malin Johansson**, 2012. Remote sensing of supra-glacial lakes on the west Greenland Ice Sheet. Dissertation No. 31 (PG).  
*Faculty Opponent*: Dr. Andreas Ahlström.
- Päivi Kaislahti Tillman**, 2012. Holocene climate and environmental change in high latitudes as recorded by stable isotopes in peat deposits. Dissertation No. 32 (QG).  
*Faculty Opponent*: Prof. Thomas Edwards.
- Jakob Granit**, 2012. The Collective Action Dilemma in Managing Transboundary Freshwaters - An Analysis of an Outcome-Driven Framework. Dissertation No. 33 (PG).  
*Faculty Opponent*: Prof. Aaron Wolf.
- Claudia Teutschbein**, 2013. Hydrological Modeling for Climate Change Impact Assessment: Transferring Large-Scale Information from Global Climate Models to the Catchment Scale. Dissertation No. 34 (PG).  
*Faculty Opponent*: Prof. Chris Kilsby.
- Arvid Bring**, 2013. Arctic Climate and Water Change: Information Relevance for Assessment and Adaptation. Dissertation No. 35 (PG).  
*Faculty Opponent*: Dr. Richard Lammers.
- Shilpa Muliyl Asokan**, 2013. Hydro-climatic changes in irrigated world regions. Dissertation No. 36 (PG).  
*Faculty Opponent*: Prof. Howard Wheeler.
- Alistair G. Auffret**, 2013. Seed mobility and connectivity in changing rural landscapes. Dissertation No. 37 (PG).  
*Faculty Opponent*: Prof. Robin Pakeman.
- Rebecka Törnqvist**, 2013. Basin-scale change in water availability and water quality under intensified irrigated agriculture. Dissertation No. 38 (PG).  
*Faculty Opponent*: Dr Marcel van der Perk.
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