

IAG/AIG REGIONAL CONFERENCE ON GEOMORPHOLOGY GEODIVERSITY OF POLAR LANDFORMS

LONGYEARBYEN, SPITSBERGEN, AUGUST 1-5, 2007

AGENDA

July 30, 2007

Registration in Mary-Anns Polarrigg Hotel

20.00 - Ice breaker at the saloon of Mary-Anns Polarrigg Hotel – hosted by Prof. Andrzej Kostrzewski

July 31, 2007

Registration in Mary-Anns Polarrigg Hotel

Pre-conference excursion:

Forenoon: visiting Norwegian coal mine Gruve 7 at 8:30 – guided by Mr. Mateusz Strzelecki; participants will be pick up by bus from their hotels

Afternoon: sightseeing of Longyearbyen and Longyearbreen at 14:00 – guided by Dr. Grzegorz Rachlewicz; participants will be pick up by taxi from their hotels

Evening: Polar Barbeque in Adventdalen at 19:00 – guided by Dr. Zbigniew Zwoliński; participants will be pick up by bus from their hotels

August 1, 2007 – Session Day

- 08:30 – 09:30 Registration and installation of posters UNIS: (ask for help Mrs. Agata Buchwal and Mrs. Grażyna Szpikowska)
Deposit of oral presentations to Mr. Mateusz Strzelecki
- 09:30 – 10:45 **Opening ceremony** – Auditorium Møysalen
Chair: Dr. Zbigniew Zwoliński
IAG/AIG Presidential Address – Prof. Monique Fort
Organiser speech – Prof. Andrzej Kostrzewski
SSF speech – Dr. Marzena Kaczmarek
UNIS speech – Mr. Gunnar Sand
The Assistant Governor of Svalbard – Mrs. Elisabeth Lovold
Plenary session 1 – Auditorium Møysalen
Chair: Prof. Andrzej Kostrzewski
- 10:00-10:20 *I. Evans* – Glacier distribution and direction in the Arctic: the unusual nature of Svalbard
10:25-10:45 *A. Kostrzewski, G. Rachlewicz, Zb. Zwoliński*: Present-day geomorphological activity in the Arctic
- 10:45 – 11:15 Coffee break – canteen of UNIS
- 11:15 – 11:45 **Plenary session 2 – Keynote lecture** – Auditorium Møysalen
Chair: Prof. Monique Fort
Invited Lecture – *O. Slaymaker* – Criteria to discriminate between proglacial and paraglacial environments
- 11:45 – 12:15 **Poster session** – Auditorium Møysalen and around
Chair: Dr. Grzegorz Rachlewicz
Chairman report about posters and discussion with authors at boards
- 12:15 – 13:30 Lunch – canteen of UNIS

August 1, 2007 – Session Day – cont.

- 13:30 – 15:05 **Session 1: Glacial Geomorphology – Room A**
Chair: Prof. [Ian Evans](#)
Deposit of oral presentations to Mr. M.Strzelecki
- 13:30-13:50 *B.R.Mavludov*: Relief forms on a place of retreated glaciers, Spitsbergen
- 13:55-14:15 *M.Fort, B. van Vliet-Lanoe*: Permafrost and periglacial environment of Western Tibet
- 14:20-14:40 *V.Turu*: Pressuremeter test in glaciated valley sediments (Andorra, Southern Pyrenees) Part one: An improved approach to their geomechanical behaviour
- 14:45-15:05 *P.Mentlik, L.Lisa, J.Minar*: Concept of geomorphological analysis of previously glaciated areas (based on analysis of the surroundings of Prašilske jezero lake and Jezero Laka lake, Šumava Mts., Czech Republic)
- 15:05 – 15:30 Coffee break
- 15:30 – 16:40 **Session 3: Fluvial Geomorphology – Room A**
Chair: Prof. [Maria Sala](#)
Deposit of oral presentations to Mr. M.Strzelecki
- 15:30-15:50 *D.Theiler, E.Reynard*: Geomorphological mapping in high mountain watersheds: the contribution of geomorphology to the evaluation of sediment transfer processes
- 15:55-16:15 *M.Strzelecki*: The dynamics of suspended and dissolved transport in a High-Arctic glaciated catchment in ablation seasons 2005 and 2006, Bertram River, Central Spitsbergen
- 16:20-16:40 *G.Rachlewicz*: Floods in High Arctic valley systems and their geomorphologic effects (examples from Billefjorden, Central Spitsbergen)
- 16:40 – 17:00 Coffee break
- 17:00 – 18:00 **Plenary session 3**– Auditorium Møysalen
Chair: Prof. [Olav Slaymaker](#) & Prof. [Andrzej Kostrzewski](#)
- 17:00-17:20 **Invited Lecture** – *A.A.Beylich*: Quantitative studies on sediment fluxes and sediment budgets in changing cold environments – potential and expected benefit of coordinated data exchange and the unification of methods
- 17:20-17:35 **Invited Lecture** – *Zb.Zwoliński*: The geocosystem of polar oases within the ice drainage basin of Admiralty Bay, King George Island, Antarctica
- 17:35- **Final discussion**
A.Kostrzewski – Introduction to polar geomorphological monitoring
- 19:00 – 21:00 **Conference dinner** – hosted by Mrs. Agata Buchwał
- 21:00 – 22:00 **Check-in on board, ship SSB Horyzont – guided by Dr. P.Głowacki and Dr. G.Rachlewicz**
22:00 – **Departure on the field trip**
- Session 2: Global Change and Landform Evolution – Room B**
Chair: Prof. [Olav Slaymaker](#)
Deposit of oral presentations to Mr. A.Buchwał
- Ch.Embleton-Hamann, O.Slaymaker*: Geomorphology and global environmental change
- P.Zagórski*: The conditioning of the evolution of NW part of the coast of Wedel Jarlsberg Land (Spitsbergen) during the last century
- V.Kapralova*: Application of remote sensing and mathematical morphology of landscape for studying thermo-karst processes
- A.Frumkin, S.Lisker, A.Vaks, M.Bar-Matthews*: Glacial Quaternary of the Levant from speleothems, lakes and loess
- Session 2: Global Change and Landform Evolution – Room B**
Chair: Prof. [Christine Embleton-Hamann](#)
Deposit of oral presentations to Mrs. A.Buchwał
- D.L.Macalady, J.F.Ranville, O.M.Seather*: Weathering rates, natural organic matter and global climate change: Are they related?
- R.G.Darmody, C.E.Thorn, J.C.Dixon*: The white streaks of Kärkevagge
- C.Thorn: R.G. Darmody, C.E. Allen, S.W. Campbell*: Chemical weathering on the glacial foreland of Storbreen, Jotunheimen Mountains, Norway

August 2-5, 2007 – Field trip: Kaffiøyra – Hornsund – Bellsund – Petuniabukta