

Wednesday, January 13

Nordic Geoscientist Award												
Short coffee break												
Telemark			Finnmark			Lofoten			Christiania			
LG: Living with geology: Geohazards and anthropogenic impact			ER5: Hydrogeology			EG6: Impact craters - In memory of the late Professor Maurits Lindström						
09.00	LG-01	High arctic snow avalanche observations and modeling in Svalbard 2007-2009	Eckerstorfer, M., Christiansen, H.H. & Humlum, O.	ER5-01	Groundwater management in urban areas; why bother?	Hans de Beer, Svein Bjørberg	EG6-01 Keynote	The European robotic exploration of the planet Mars	A.F. Chicarro, European Space Agency			
09.20	LG-02	Inherited structure and catastrophic collapse (or) A tale of two cities: Tjelle (1756) and Ålesund (2008)	T. F. Redfield, P. T. Osmundsen	ER5-02	Flow and Transport in Periodically Flooded Riparian Zones	Jannick K. Jensen, Peter Engesgaard, and Bertel Nilsson						
09.40	LG-03	Unrest episodes in volcanic areas; signs, source and significance	Rikke Pedersen, Freysteinn Sigmundsson and Páll Einarsson	ER5-03	Characterizing groundwater-stream interaction at catchment scale	Sachin Karan, Peter Engesgaard, Majken Looms and Troels Laier	EG6-02	Geological events provoked by impact structures in the Martian environment	J. Raitala, T. Öhman, M. Ivanov, M. Aittola, J. Korteniemi, V.-P. Kostama, T. Törmänen and H. Lahtela			
10.00	LG-04	Morphology, genesis and age of a postglacial, partly submerged, giant rock-avalanche deposit at Lake Nakkevatnet, Troms, northern Norway	Geoffrey D. Corner and Stein Bondevik	ER5-04 Keynote	Groundwater, a scarce commodity	Fridtjov Ruden	EG6-03	The Lunar rayed-crater population – Characteristics of the spatial distribution and ray retention	Stephanie C. Werner & Sergei Medvedev			
10.20	LG-05	Regional rockslide investigations in North Norway: status, new methods, highlights and future possibilities	Henderson, I.H.C., Osmundsen, P.T., Redfield, T.F., Blikra, L.H., Lauknes, T.R., Eiken, T., Michoud, C., Oppikofer, T., Glimsdal, S. & Harbitz, C.B.									
Short coffee break												
10.50	LG-06	Chalk cliff collapse, the Møns Klint geohazards	S.A. Schack Pedersen	ER5-05	Virus removal by subsurface transport in an unconfined fluvial aquifer	Kvitsand, H.M.L., Fiksdal, L., Sterk, A. & Hilmo, B.O.	EG6-04 Keynote	Asteroid and comet showers and their effects on the global environment and life	Birger Schmitz			
11.10	LG-07	Qualitative landslide susceptibility assessment in the Faroe Islands	Mads-Peter J. Dahl	ER5-06	Bottled mineral and spring waters from Norway, Sweden, Finland and Iceland – do their chemistry reflect Nordic geology?	Fregstad, B.S., Lax, K., Tarvainen, T., Jæger, Ø. & Wigum, B.J.						
11.30	LG-08	Parameterization in Quick Clay Modeling – Introducing Stratigraphic Detail	Persson, Martin A and Stevens, Rodney L.	ER5-07	Tunnel Construction and Hydrogeology: A Nordic Contribution to Global Water Supply?	Nils-Otto Kitterød	EG6-05	Late Ordovician faunal distribution and ecospace partitioning in marine impact craters: the aftermath of the Lockne and Tvären events	A.M.Frisk			
11.50	LG-09	Quick clay comparisons: Sweden, Norway & Canada	Stevens, Rodney L., Persson, Martin A., Engdahl, Mats, Andersson-Sköld, Yvonne, Lundström, Karin, Hansen, Louise and Torrance, J. Kenneth	ER5-08	Video Inspection of Groundwater Wells in Hard Rock	Storrø, Gaute & Gaut, Sylvi	EG6-06	Physical properties of the Almahata Sitta meteorite fragments – implications on the pre-impact internal structure of the 2008 TC3 asteroid	Tomas Kohout, Daniel Britt, Guy Consolmagno, Jakub Haloda, Patricie Tycova			
Lunch												
12.10	LG-10 Keynote		Suzanne Lacasse	ER5-09	Characteristics of Hydrochemical and Isotopic composition of Groundwater in the Coastal Aquifer, Tanzania	Said Suleiman Bakari, Per Aagaard, Rolf D.Vogt, Fridtjov Ruden, and Ingar Johansen	EG6-07 Keynote	Impact melting: A synthesis	G. R. Osinski	ER4: Environmental Impact and Challenges		
13.20				ER5-10	Investigation of well vulnerability in a river bank infiltrated aquifer using high resolution surface- and groundwater temperature measurements	Dagestad, A., de Beer, H. & Israelsen, P.O.				ER4-01 Keynote	Geotechnical and geochemical risk management of mining operations	Walder, I. & Drielsma, J.
13.40	LG-11	Assessment and Management of Risk Associated with Rock Avalanches in Møre and Romsdal	Stine Sætre, Einar Anda and Halgeir Dahle	ER5-11	Groundwater Age Dating of Deep Aquifers Using Environmental Tracers and Age Simulation Approaches	Peter Scharling, Peter Engesgaard, Klaus Hinsby, Torben Sonnenborg, and Erik S. Rasmussen	EG6-08	Impactites of the Ritland impact structure	Elin Kalleson, Henning Dypvik, Fridtjof Riis	ER4-02	The Use of Synchrotron Based HR-XPS in Characterization of Limestones Suitable for SO ₂ Storage	Lauri Järvinen, Olav Eklund, Markku Heinonen, Frej Bjondahl, Jarkko Leiro
14.00	LG-12	Mannen - Norway's next catastrophic rock avalanche?	Halgeir Dahle, Einar Anda, Lars Harald Blikra, Stine Sætre, Aline Saintot	ER5-12	SoilCAM: soil contamination: advanced integrated characterisation and time-lapse monitoring	Helen K. French, Sjoerd E. A. T. M. van der Zee, Max Meju	EG6-09	The Maniitsoq impact structure in West Greenland	Adam A. Garde	ER4-03	Environmental impacts of metal mining - introducing a new method for allocation in Life Cycle Assessment	Tuusjärvi, M., Vuori, S. and Mäenpää, I.
14.20	LG-13	Clay-rich event beds and their relevance for mass wasting along Trondheimsfjorden, Central Norway	L'Heureux, J.S., Hansen, L., Longva, O	ER5-13	GENESIS, an integrated research project to support groundwater systems management	Bjørn Kløve	EG6-10	Structural features of the Kärda impact crater, Estonia, based on ground-penetrating radar studies	Jüri Plado and Argo Jõeheit	ER4-04	'Rocks for crops' – the potential for agricultural use of mineral and rock fines (rock powder) in the Northern Countries	Michael Heim and Marina Azzaroli Bleken
14.40	LG-14	Recent submarine slides in the Vaigat, off the S-coast of Nuussuaq, West Greenland	S.A. Schack Pedersen, T. Nielsen, G.K. Pedersen	ER5-14	Groundwater chemistry of Quaternary unconsolidated aquifers in Fennoscandia - some results of the INFORM sampling campaign of 89 reference monitoring sites	Cramer, J., De Beer, H., Fregstad, B., Gustafsson, J., Hatakka, T., Lewin-Pihlblad, L. & Aastrup, M.	EG6-11	Kara impact structure: preliminary paleomagnetic, rock magnetic and petrophysical results	T. Öhman, J. M. Pesonen, D. D. Badjukov, A. Bäckström, L. J. Pesonen and J. Raitala	ER4-05	Trace elements in black shales in the Oslo Rift, Norway	Sæther, OM, Aagaard, P. Xie, RK, Endre E, Rudolph-Lund, K, Løken, T, Gaut, A
Break: Poster session and refreshments												
15.40	LG-15	Black Shale - new solutions to an old problem	Kim Rudolph-Lund, Erik Endre, Panos Chrysanthakis, Amund Gaut, Roger Roseth, Per Heimli, Tore Frogner, Ola Magne Sæther, Per Aagaard, Kristin Hilde Holmøy and Per Løvlien				EG6-12	Paleomagnetic and mineralogical study of Mg carbonatite microbreccia veins from possible impact structure at Avike Bay area, Sweden	Preeden, U., Kirs, J. & Plado, J.	ER4-06	Mineralogical composition of black shales from the Oslo Rift, Norway, and the practical use of these shales for engineering purposes	Endre, E., Sæther, O.M., Aagaard, P. & Xie, R. K.
16.00	LG-16	Radon hazard evaluation in the Oslo area: Expanding the study to include the Kongsberg area	Mark A. Smethurst, Anne Liv Rudjord & Ingvild Finne				EG6-13	Meteorite impact structures and plate reconstructions – paleomagnetism of the Jänisjärvi (Russia) and the Vreddefort (South Africa) impact structures	Salminen, J., Pesonen, L.J., Reimold, W.U., Donadini, F., Gibson, R.L., Masaitis, V. L.	ER4-07	Impact of water-based drill cuttings on benthic foraminifera and macrofauna: a mesocosm experiment	Silvia Hess, Elisabeth Alve, Hilde Cecilie Trannum
16.20	LG-17	Sources of aqueous sulfate, bicarbonate and acid in Oslo Alum Shale with implications for concrete durability, geotechnical properties and metal leaching	Per Hagelia							ER4-08	Applied quantitative provenance: Who gets the blame?	Stevens, Rodney L.
16.40	LG-18	Reconstructions of the coastal impact of the 2004 Indian Ocean tsunami in Khao Lak, Thailand	Karlsson Johanna Mård, Skelton Alasdair, Sandén Michael, Mansour Ioualalen, Narongrit Kaewbanjak, Nuttita Pophet, Jack Asavanant and von Matern Axel									
End of conference												