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# KART OG PUBLIKASJONER UTGITT AV NGU

## Kart

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## Berggrunnsgeologiske kart

### **M 1:50 000 (trykt i farger)**

Bergen 1115 I (Fossen, H. & Ragnhildstveit, J.)  
Hardangerjøkulen 1416 II (Askvik, H.)

### **M 1:50 000 (foreløpig fargeplott)**

Manndalen 1633 I (Quenardel, J.M. & Zwaan, K.B.)  
Mehamn 2237 II (Roberts, D.)  
Munkavarri 2035 II (Roberts D. & Rice, A.H.N.)  
Nordmannslågen 1415 II (Ragnhildstveit, J., Andersen, A. & Sigmond, E.M.O.)  
Oslo 1914 IV (Lutro, O. & Nordgulen Ø.)  
Reatkajohskaidi 2135 III (Rice, A.H.N., Harrington, K. & Roberts, D.)  
Skjøtningberg 2237 III (Roberts, D.)

### **M 1:100 000 (foreløpig fargeplott)**

Gea Norvegica Geopark (Solli, A., Dahlgren, S., Heyer, H., Marker, M. & Nilsen, K.)

### **M 1:250 000 (trykt i farger)**

Oslofeltet (Lutro, O. & Nordgulen Ø.)

## Kvartærgeologisk kart

### **M 1:50 000 (trykt i farger)**

Lesjaskog 1419 III (Follestad, B.)

### **M 1:50 000 (foreløpig fargeplott)**

Lillehammer kommune (Olsen, L.)

**M 1:100 000 (foreløpig fargeplott)**  
Gea Norvegica Geopark (Bergstrøm, B.)

**Maringeologiske kart**

(Digitale kart tilgjengelig på: <http://www.mareano.no>)

- Bellec, V., Dolan, M., Lepland, A., Bøe, R. & Thorsnes, T. 2008:** Bunntyper (kornstørrelse), Det sentrale Tromsøflaket.
- Bellec, V., Dolan, M., Lepland, A., Bøe, R., Rise, L. & Thorsnes, T. 2008:** Bunntyper (dannelsesmåte), Det sentrale Tromsøflaket..
- Bellec, V., Dolan, M., Lepland, A., Bøe, R. & Thorsnes, T. 2008:** Sedimentasjonsmiljø, Det sentrale Tromsøflaket.
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- Dolan, M., Buhl-Mortensen, P., Buhl-Mortensen, L., Thorsnes, T., Lepland, A. & Bellec, V. 2008:** Naturtyper - Østlige Tromsøflaket.
- Dolan, M., Bellec, V., Lepland, A., Bøe, R., Rise, L. & Thorsnes, T. 2008:** Terrengformer, Det sentrale Tromsøflaket.
- Dolan, M., Bellec, V. & Lepland, A. 2008:** Hard og bløt bunn, Det sentrale Tromsøflaket.
- Dolan, M., Bellec, V., Lepland, A., Bøe, R. & Thorsnes, T. 2008:** Terrengformer, Troms II & Nordland VII.
- Dolan, M., Bellec, V. & Lepland, A. 2008:** Hard og bløt bunn, Troms II & Nordland VII.
- Lepland, A., Lepland, A. & Bøe, R. 2008:** Bunntyper (kornstørrelse), Indre Oslofjord..

**Ressurskart sand, grus og pukk**

- Lierne kommune (H. Hugdahl)  
Meråker kommune (H. Hugdahl)  
Nesseby kommune (H. Hugdahl & P.R. Neeb)  
Sentrale østlandsområdet (K. Wolden)  
Sør-Varanger kommune (H. Hugdahl & P.R. Neeb)  
Vadsø kommune (H. Hugdahl & P.R. Neeb)  
Vardø kommune (H. Hugdahl)

## **Publikasjoner og bøker**

### **NGU Bulletin 448**

<http://www.ngu.no/no/hm/Publikasjoner/Bulletin/Innholdsfortegnelse/2008-Bulletin-448/>

**Slagstad, T.**, Barrère, C., Davidsen, B. & Ramstad, R.K.: Petrophysical and thermal properties of pre-Devonian basement rocks on the Norwegian continental margin

### **NGU Special publication 11: Geology for society**

<http://www.ngu.no/no/hm/Publikasjoner/Special-publication/Innholdsfortegnelse/SpecialPub11/>

**Slagstad, T.**: Introduction

**Heldal, T.**, Kjølle, I., Meyer, G.B. & Dahlgren, S.: National treasure of global significance. Dimensional stone deposits in larvikite, Oslo igneous province, Norway

**Lindahl, I.** & Nilsson, L.P.: Geology of the soapstone deposits of the Linnajavri area, Hamarøy, Nordland, north Norwegian Caledonides – Norway's largest reserves of soapstone

**Erichsen, E.**, Ulvik, A., Wolden, K. & Neeb, P.-R.: Aggregates in Norway – Properties defining the quality of sand, gravel and hard rock for use as aggregate for building purposes

**Grenne, T.**, Heldal, T., Meyer, G.B. & Bloxham, E.: From Hyllestad to Selbu: Norwegian millstone quarrying through 1500 years

**Beer, H. de** & Mathiesen, H.: Groundwater monitoring and modelling from an archaeological perspective: possibilities and challenges

**Bogen, J.** & Ottesen, R.T.: Global geochemical mapping and sediment-associated flux of major world rivers

**Midttømme, K.**, Banks, D., Ramstad, R.K., Sæther, O.M. & Skarphagen, H.: Ground-Source Heat Pumps and underground thermal energy storage – energy for the future

**Slagstad, T.**, Midttømme, K., Ramstad, R.K. & Slagstad, D.: Factors influencing shallow (< 1000 m depth) temperatures and their significance for extraction of ground-source heat

**Beylich, A.A.**: Sediment fluxes and sediment budget in Latnjavagge and the potential of applying unified methods for integrating investigations on sediment fluxes and budgets in cold-environment catchments

**Heincke, B.H.**, Smethurst, M., Bjørlykke, A., Dahlgren, S., Rønning, J.S. & Mogaard, J.O.: Airborne gamma-ray spectrometer mapping for relating indoor radon activity concentrations to geological parameters in the Fen region, southeast Norway

**Smethurst, M.A.**, Sundal, A.V., Strand, T. & Bingen, B.: Testing the performance of a recent radon-hazard evaluation in the municipality of Gran, eastern Norway

## **NGU Gråsteinen 12: Geologi for samfunnet i 150 år – arven etter Kjerulf (norsk og engelsk utgave)**

<http://www.ngu.no/no/hm/Publikasjoner/Grasteinen/Utgitte-nummer/Geologi-for-samfunnet/>

- Børresen, A.K.** & Wahle, A.: 150 år med geologi for samfunnet / 150 years of geology for society
- Smelror, M.:** Geologi for dagens samfunn / Geology for today's society
- Torsvik, T.H.** & Steinberger, B.: Fra kontinentaldrift til manteldynamikk / From continental drift to mantle dynamics
- Lyså, A.,** Knies, J. & Larsen, E.: Kunnskap om istider og landformer – nøkkelen til forståelsen av klimavariasjoner / Ice ages and landforms – keys to understanding climate variations
- Bargel, T.H.,** Blikra, L.H., Høst, J., Sletten, K. & Stalsberg, K.: Skredkartlegging i Norge / Landslide mapping in Norway
- Korneliussen, A.,** Lynum, R., Raaness, A.M. & Heldal, T.: Uten mineralressurser stopper Norge / Society would grind to a halt without mineral resources
- Ebbing, J.,** Olesen, O., Gernigon, L. & Reynisson, R.F.: Tyngde og magnetiske data viser sporene av gamle strukturer på norsk sokkel / Gravity and magnetic data provide evidence of old structures on the Norwegian Shelf
- Olesen, O.** & Rønning, J.S.: Dypforvitring: fortidens klima gir tunnelproblemer / Deep weathering: past climates cause tunnel problems
- Thorsnes, T.,** Buhl-Mortensen, L. & Skyseth, T.: Integriert kartlegging av havbunnen og økosystemer i Arktis – Mareano-programmet / Integrated mapping of the seafloor and ecosystems in the Arctic – the Mareano programme
- Ottesen, R.T.** & Langeland, M.: Byjord – en giftig historie / Urban soil – a toxic history
- Frengstad, B.** & Dagestad, A.: Grunnvann i Norge – om å gå under bekken etter vann / Groundwater in Norway – a question of looking under the stream for water
- Ramstad, R.K.** & Midttømme, K.: La moder jord varme og kjøle våre hus / Let Mother Nature heat and cool our homes
- Dahl, R.** & Follestad, B.A.: Gråstein trekker turister / Gneisses and granites pull in the tourists
- Bjørlykke, A.:** Planeten Jordens år / The International Year of Planet Earth

## **NGU Info 2008 (brosjyrer)**

www.ngu.no – Nettsted for geologi i Norge:

<http://www.ngu.no/no/hm/Publikasjoner/Brosjyrer/NGU-Infoark/>

## **Publisering på nett**

### **NGUs nettportal:**

<http://www.ngu.no/>

### **MAREANO - Marin arealdatabase for norske kyst- og havområder:**

<http://www.mareano.no/>

**Bøe, R.:** Nye havbunnskart på nett. MAREANO 29.2.2008. URL:

[http://www.mareano.no/nyheter/nyheter\\_2008/nye\\_havbunnskart\\_pa\\_net](http://www.mareano.no/nyheter/nyheter_2008/nye_havbunnskart_pa_net)

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**Bøe, R., Buhl-Mortensen, P., Bellec, V. & Dahl, J.A.:** Raviner og ras i dypet.

MAREANO 30.10.2008. URL:

[http://www.mareano.no/nyheter/nyheter\\_2008/ras\\_i\\_dypet](http://www.mareano.no/nyheter/nyheter_2008/ras_i_dypet) [lesedato: 3.2.2009]

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MAREANO 14.08.2008. URL:

[http://www.mareano.no/nyheter/nyheter\\_2008/marine\\_naturtyper\\_kartlegging\\_pr](http://www.mareano.no/nyheter/nyheter_2008/marine_naturtyper_kartlegging_pr)  
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**Mortensen, P.B., Bøe, R., Dannheim, J & Kröger, K.:** Andfjordens perle.

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[lesedato: 3.2.2009]

### **Grunnvann i Norge:**

<http://www.grunnvann.no/>

### **Skred i Norge:**

<http://www.skrednett.no>

## **NGU-rapporter**

<http://www.ngu.no/no/hm/Publikasjoner/Rapporter/2008/>

### **Berggrunn og skorpeprosesser**

- Lutro, O.:** Berggrunnskart Kleverud – Skaberud. NGU-rapport 2008.070.
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- Lutro, O., Saintot, A., Dehls, J., Olesen, O. & Nordgulen, Ø:** Geologiske forhold langs planlagt jernbanetrasé Oslo – Ski. NGU-rapport 2007.048.
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### **Fjellanlegg og anvendt geofysikk**

- Dalsegg, E.:** Geofysiske målinger Finneidfjord, Hemnes kommune, Nordland. NGU-rapport 2008.032.
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- Elvebakk, H.:** Borehullslogging, Åknes, Stranda kommune. NGU-rapport 2008.030.
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- Rønning, J.S., Dalsegg, E., Heincke, B.H. & Tønnesen, J.F.:** Geofysiske målinger på bakken ved Åknes og ved Hegguraksla, Stranda og Nordal kommuner, Møre og Romsdal. NGU-rapport 2007.026.
- Saintot, A.:** Brittle tectonics in the Numedalen region. Insights into hydrogeology. NGU-rapport 2008.018.

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- Andersson, M.** & Volden, T.: Overvåking av jordforurensning i Rådalen, Bergen 1998-2007. NGU-rapport 2008.001.
- Egede-Nissen, C.**, Einarsdottir, D.M., Haug, S., Hovde, G., Nauste, K.B. & Skårn, J.S.: Kartlegging og identifisering av aktive forurensningskilder til havnebasenget i Trondheim. NGU-rapport 2008.009.
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- Eggen, O.A.** & Pedersen, S.H.: Om kartlegging av forurensende virksomhet i Oslo kommune før 1948 - metode og hovedfunn. NGU-rapport 2008.037.
- EuroGeoSurveys Geochemistry Working Group:** EuroGeoSurveys Geochemical mapping of agricultural and grazing land soil of Europe (GEMAS) - Field manual. NGU-rapport 2008.038.
- Hole, M.** & Frøland, S.: Jordforurensning i 10 barnehager i Trondheim. NGU-rapport 2008.011.
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- Sæther, O.M.**, Flach, T., Bøe, R., Beer, H.de & Rise, L.: NFR CLIMIT Project nr. 176004/I30 Deliverable D1.1 Compilation of estimation procedures for discrete leak paths related to CO2 geological storage. NGU-rapport 2008.063.

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## **Industrimineraler og metaller**

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- Boyd, R.:** Report on study period at the Geological Survey of Finland, April 2008. NGU-rapport 2008.057.
- Broekmans, M.A.T.M.** & Sæther, O.: Impregnation-fluorescence petrography of black-shales from the greater Oslo area. NGU-rapport 2007.080. Confidential
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- Gautneb, H.:** Identifisering og beskrivelse av tungmineraler fra nefelinsyenitt, North Cape Minerals. NGU-rapport 2008.056. Fortrolig rapport.
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- Korneliussen, A.** & Nilsson, L.P.: Gull i vulkansk-sedimentære bergarter, Skjomen-Rombaken. NGU-rapport 2008.045.
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- Müller, A.:** Assessment of quartz qualities II. NGU-rapport 2008.036. Confidential
- Müller, A.:** Assessment of quartz qualities III. NGU-rapport 2008.039. Confidential
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- Robinson, P.**, Terry, M.P., Krogh, T.E., Tucker, R.D. & Bingen, B.: Exhumation of UHP rocks and emplacement of Archean-Proterozoic garnet peridotites in the hinterland of the central Norwegian Caledonides. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Smelror, M.** & Fredericia, J.: The GSO's: "practically useful and scientifically important" – Mission impossible or mission to be completed? 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Stein, H.J.**, Bingen, B., Yang, G. & Ihlen, P.M.: Re-Os dating of pyrite generations and late hydrocarbons associated with gold deposits - post-Sveconorwegian construction of Norway's Eidsvoll Au deposit. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Stein, H.J.** & Hannah, J.L.: Re-Os geochemistry of source rocks and hydrocarbons: ages, correlations, and timing of migration: AAPG Annual Convention and Exhibition, San Antonio, Texas, 20.-23. April 2008.
- Stein, H.J.**, Yang, G., Hannah, J.L., Zimmerman, A., Pandit, M.K., Raut, P.K., Gaina, C., & Torsvik, T.H.: India's journey using Re-Os to date reactivation of ancient sutures. 33<sup>rd</sup> International Geological Congress, Oslo, 6-14 August 2008.
- Stein, H.J.**, Yang, G., Hannah, J.L., Zimmerman, A., Pandit, M.K., Raut, P.K., Gaina, C., & Torsvik, T.H.: Plumes with gold and no LIPs: knowing where the hot spots are. European Geoscience Union General Assembly (EGU), Vienna, 13-18 April 2008. Geophysical Research Abstracts, 10, A-08857.  
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- Viola, G.**: Elements of ductile microstructures and fabric analysis. Lecture for post-graduate students. University of Melbourne, Melbourne, Australia, August 2008.
- Viola, G.**: Pan-African tectonic evolution and crustal architecture of the Mozambique Belt in northern Mozambique: implications for the assembly of Gondwana. Invited talk, University of Melbourne, Melbourne, Australia, August 2008.
- Viola, G.** & Henderson, I.H.C.: Inclined transpression and multiple reactivation along the Precambrian "Mylonite Zone" of the Sveconorwegian orogen. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Viola, G.**, Nordgulen, Ø, Saintot, A. & Venvik-Ganerød, G.: Structural characterization of brittle deformation zones in crystalline rocks: contribution to SKB site investigation study for the disposal of highly radioactive nuclear waste. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Xu, G.**, Hannah, J.L., Bingen, B., Stein, H.J., Yang, G., Zimmerman, A., Weitschat, W. & Weiss, H.M.: Re-Os Geochronology pins age and Os isotope composition of Middle Triassic black shales and seawater, Barents Sea and Spitsbergen. AGU Fall Meeting, San Francisco, 15-19 December 2008. Eos Transactions Fall Meeting Supplement, 89, 53.
- Yang, G.**, Stein, H., Hannah, J., Zimmerman, A., Bjørlykke, A. & Bingen, B.: Re-Os systematics of shale-hosted Cu-Au mineralization at the Bidjovage deposit in

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### ***Fjellanlegg og anvendt geofysikk***

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- Elvebakk, H.**, Rønning, J.S. & Jochmann, M.: Longyearbyen CO<sub>2</sub> drill holes. Logging tools and results. Project workshop, CO<sub>2</sub> project, UNIS, Longyearbyen, 25. oktober 2008.
- Ganerød, G.V.:** Nyere metoder og muligheter for grunnundersøkelser. Statens vegvesen, kurs i geologisk rapportering i planfase, Asker, 5.-6. februar 2008.
- Ganerød, G.V. & Rønning, J.S.:** Bruk av geofysiske metoder som kartleggingsmetode. Bergmedanikkdagen, Oslo, 21. november 2008. Møtekompendium, s. 38.1-38.14.
- Heincke, B.**, Günther, T., Dalsegg, E., Rønning, J.S. & Ganerød, G.V.: Structural joint inversion of 3-D seismic tomography and DC resistivity data from the Åknes rockslide in western Norway. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Heincke, B.**, Wheeler, W., Rønning, J.S., Bælum, K. & Noreide, H.C.: Using 2-D and 3-D georadar to characterize karst collapse as a basis for high-resolution reservoir-analogue models. 12th International Conference on Ground Penetrating Radar, Birmingham, UK, 16-19 June 2008.
- Marinin, A. & Saintot, A.:** Reconstruction of paleostress regimes in NW Greater Caucasus by two independent groups of researchers. Tectonophysics and actual problem of Earth sciences. To 40-year anniversary of foundation by M.V.Gzovsky of tectonophysics laboratory in IPE RAS, Moscow, 13-18 October 2008. Special volume, v. 1, 267-269.
- Nordgulen, Ø:** Geologi i Osloregionen – ny kunnskap gir nye muligheter. Fjellsprengningsdagen, Norsk Forening for Fjellsprengningsteknikk, Oslo 20. november .
- Rønning, J.S.:** Kurs Arktisk Teknologi AT329: Cold Regions Field Investigations. Forelesning og øving i georarddelen. UNIS, February-March 2008.
- Rønning, J.S.:** Kurs TPG 4120 Miljø- og Ingeniørgeofysikk. Forelesninger. NTNU, vår, høst 2008 (35 timer).
- Rønning, J.S.:** Nyere metoder og muligheter for grunnundersøkelser. Statens vegvesen, kurs i geologisk rapportering i planfasen, Stjørdal, 26.-27. februar.
- Rønning, J.S.**, Ganerød, G.V., Dalsegg, E., Elvebakk, H., Tønnesen, J.F., Heincke, B. & Blikra, L.H.: The use of geophysical methods for structural interpretation of the sub-surface at Åknes rockslide, western Norway. Poster GHZ02820P. 33rd International Geological Congress, Oslo, 6-14. august 2008.
- Rønning, J.S. & Olesen, O.:** Geologiske undersøkelser. Metoder og muligheter. Tunneldagene, Sundvolden, 15.-17. september 2008. Kurskompendium, innlegg 4b, 7 s.
- Saintot, A.**, Henderson, I.H.C. & Böhme, M.: Slope instabilities in U-shaped glacial valleys: Sunndalen and Romsdalen (western Norway). European Geoscience Union General Assembly, Vienna, Austria, 13-18 April. Geophysical research

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**Saintot, A.** & Henderson, I.H.C.: Is the spatial distribution of rockslides in Western Norway controlled by post-glacial tectonics? Congress Slope Tectonics, Lausanne, 15-16 February 2008.

**Saintot, A.** & Henderson, I.H.C.: The role of pre-existing ductile and brittle fabrics in the development of large rockslides: examples from Western Norway. Congress Slope Tectonics, Lausanne, 15-16 February 2008.

**Sippel, J.A.**, Saintot, A., Heeremans, M. & Scheck-Wenderoth, M.: A comparison of paleo stress fields along the inverted margins of the Central European Basin System (CEBS). 33rd International Geological Congress, Oslo, 6-14 August 2008.

**Sippel, J.A.**, Saintot, A., Heeremans, M. & Scheck-Wenderoth, M.: The evolution of paleostress fields in the Central European Basin System reconstructed from fault-slip data. AGU Fall Meeting, San Francisco, 15-19 December 2008.

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## **Geodynamikk**

**Boschi, L.**, Becker, T.W. & Steinberger, B.: Statistically significant correlations between synthetic mantle plumes and tomographic models. 33rd International Geological Congress, Oslo, 6-14 August 2008.

**Buiter, S.:** Basin formation and deformation in the Barents region. International Symposium on the Planet Earth, NGU Trondheim, 7-8 February 2008.

**Buiter, S.**, Pfiffner, A. & Beaumont, C.: How rifts become mountains. Geo2008: 160th annual meeting of the Deutsche Gesellschaft für Geowissenschaften and the 98th annual meeting of the Geologische Vereinigung e.V. Aachen, 29 September - 2 October.

**Buiter, S.**, Pfiffner, A. & Beaumont, C.: A numerical evaluation of the localisation of shortening during basin inversion 33rd International Geological Congress, Oslo, 6-14 August 2008.

**Buiter, S.**, Schreurs, G. & Ellis, S.: The formation of parallel-dipping faults at passive margins Geo2008: 160th annual meeting of the Deutsche Gesellschaft für Geowissenschaften and the 98th annual meeting of the Geologische Vereinigung e.V. Aachen, 29 September - 2 October 2008.

**Buiter, S.**, Schreurs, G. & Ellis, S.: Numerical and analogue models of the formation of parallel-dipping normal faults 33rd International Geological Congress, Oslo, 6-14 August 2008.

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**Burke, K.**, Steinberger, B., Torsvik, T.H. & Smethurst, M.A.: Implications for Long-Term Mantle History of the Restricted Distribution of Large Igneous Province (LIP) Plume Sources at the Core-Mantle Boundary (CMB). AGU Fall Meeting, San Francisco, 15-19 December 2008. Eos Transactions Fall Meeting Supplement, 89, 53.

**Burke, K.**, Torsvik, T.H., Smethurst, M.A., Steinberger, B. & Werner, S.: Possible analogous long-term histories of the terrestrial geoid and the Martian aeroid. 39th Lunar and Planetary Science Conference, League City, Texas, 10-14 March 2008.

- Gaina, C.:** North Atlantic tectonic evolution and the formation of the Jan Mayen Microcontinent. Invited lecture, Geoscience Australia, Canberra, April.
- Gaina, C.:** Who owns the North Pole: Political and tectonic boundaries in the Arctic. Invited lecture, University of Sydney, March 2008.
- Gaina, C., Ball, P., Peron-Pinvidic, G. & Gernigon, L.:** The Jan Mayen microcontinent and the evolution of the NE Atlantic region. AGU Fall Meeting, San Francisco, 15-19 December 2008. Eos Transactions Fall Meeting Supplement, 89, 53.
- Gaina, C., Gernigon, L. & Ball, P.:** Paleocene-Recent plate boundaries in the NE Atlantic and the formation of Jan Mayen microcontinent. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Gaina, C., Saltus, R. & Alvey, A.:** Structure and evolution of the Arctic oceanic crust in the light of new regional compilations. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Gaina, C., Saltus, R., Harrison, C., St-Onge, M., Alvey, A. & Kusznir, N.:** Circum-Arctic Mapping Project: New Magnetic Anomaly map Linked to the Geology of the Arctic. AGU Fall Meeting, San Francisco, 15-19 December 2008. Eos Transactions Fall Meeting Supplement, 89, 53.
- Gaina, C. & Werner, S.:** Circum-Arctic mapping project: New magnetic and gravity anomaly maps of the Arctic. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Ganerød, M., Mckenna, C., Smethurst, M.A., Prestvik, T., Rouse, S., Torsvik, T. & Hendriks, B.:** The Age of the Antrim Lava Group, Northern Ireland, and its correlation to the North Atlantic Igneous Province. AGU Fall Meeting, San Francisco, 15-19 December 2008. Eos Transactions Fall Meeting Supplement, 89, 53.
- Ganerød, M., Smethurst, M.A., Rouse, S. & Prestvik, T.:** TALGE: The Antrim Lava Group Enigma. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Ganerød, M., Smethurst, M.A., Rouse, S., Torsvik, T. & Prestvik, T.:** New Paleomagnetic pole constraints from the British Tertiary Igneous Province. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Heine, C., Müller, D. & Steinberger, B.:** Integrating deep earth dynamics in paleogeographic reconstructions of Australia. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Heine, C., Müller, D., Steinberger, B. & DiCaprio, L.:** Integrating deep Earth dynamics in paleogeographic reconstructions of Australia. Australian Earth Science Convention (AESC), Perth, Australia, 20-24 July 2008.
- Heine, C., Müller, D., Steinberger, B. & Torsvik, T.H.:** Anomalous subsidence in intracontinental basins. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Heine, C., Müller, R.D., Steinberger, B. & Torsvik, T.H.:** A global review of intraplate basin evolution in a mantle dynamic and plate kinematic framework. Rifts Renaissance: Stretching the Crust and Extending Exploration Frontiers, Houston, Texas, 19-21 August 2008. Abstract book, 49.
- Hendriks, B.W.H., Donelick, R., O'Sullivan, P. & Redfield, T.:** Annealing rate of fission tracks in samples with old AFT ages. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Hendriks, B.W.H., Donelick, R.A. & Redfield, T.F.:** Annealing rate of fission tracks in samples with old AFT ages. 11th Annual Conference on ThermoChronology, Anchorage, Alaska, 12-19 September 2008. Abstract volume, 123.

- Høst, J.** & Smethurst, M.A.: Radon og geologisk kunnskap. Forvaltningsstrategi på radonområdet. Foredrag, Det Kongelige Helse- og Omsorgsdepartement, Oslo, 15. mai 2008.
- Labails, C.**, Olivet, J.L., Aslanian, D., Klingelhoefer, F., Matias, L., Moulin, M., Nouzé, H., Sahabi, M. & Unternehr, P.: Crustal structure of the SW Moroccan margin from wide-angle and reflection seismic data (the Dakhla experiment). European Geoscience Union General Assembly, Vienna, Austria, 13-18 April 2008. Geophysical research abstracts, 10, A-02723.  
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- Labails, C.**, Olivet, J.L., Aslanian, D., Sahabi, M., Roest, W., Sichler, B. & Unternehr, P.: Early plate tectonic evolution of the Central Atlantic Ocean. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Lang, M.**, Lian, J., Zhang, F., Hendriks, B.W.H., Trautmann, C., Neumann, R. & Ewing, R.C.: Fission tracks simulated by swift heavy ions at crustal pressures and temperatures. 11th Annual Conference on Thermochronology, Anchorage, Alaska, 12-19 September 2008. Abstract volume, 150.
- Muller, R.D.**, Sdrolias, M. & Gaina, C.: A mid-Cretaceous seafloor spreading pulse caused global sea level rise: Fact or fiction? 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Müller, D.**, Sdrolias, M., Gaina, C., Steinberger, B. & Heine, C.: Long-term sea level fluctuations driven by ocean basin dynamics. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Müller, D.**, Sdrolias, M., Gaina, C., Steinberger, B. & Heine, C.: Long-term sea level fluctuations driven by ocean basin dynamics. Australian Earth Science Convention (AESC), Perth, Australia, 20-24 July 2008.
- Petrov, O.V.** & Smelror, M.: Geological History of the Barents and Kara Seas. 3rd Norway-Russia Arctic Offshore Workshop, St. Petersburg, 17.-18. June 2008.
- Petrov, O.V.**, Smelror, M., Ebbing, J., Gernigon, L., Koren, T., Larssen, G.B., Litvinova, T., Petrov, E., Sjulstad, H.I., Sobolev, N., Vasiliev, V. & Werner, S.G.: Geological evolution of the Barents- and Kara Seas hydrocarbon provinces – An integrated VSEGEI, NGU, NPD, Statoil Hydro project. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Quinquis, M.** & Buitter, S.: Numerical modelling of subduction zones: The effects of boundary conditions and model setups on global dynamics. GeoMod2008, International Geological Modelling Conference, Florence, Italy, 21-24 September 2008.
- Quinquis, M.** & Buitter, S.: The role of numerical implementations on models of subduction dynamics. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Redfield, T.**: Structural and tectonic underpinnings of large volume rockslide/tsunami events in Norway. Invited lecture, University of Tromsø, 22. November.
- Redfield, T.**, Scholl, D.W., Fitzgerald, P. & Beck, M.E.J.: Escape Tectonics and the extrusion of Alaska: Past, present, and future. 11th Annual Conference on Thermochronology, Anchorage, Alaska, 12-19 September 2008. Abstract volume, 191-193.
- Redfield, T.F.**, Often, M. & Wheeler, W.H.: Plate tectonic paleoanthropology: The potential relevance of extension, topography, and tectonics to Miocene hominin evolution. 33rd International Geological Congress, Oslo, 6-14 August 2008.

- Redfield, T.F.** & Osmundsen, P.T.: The Tjellefonna fault system of north Western Norway: linking late-Caledonian extension, post-Caledonian normal faulting, and Tertiary rock column uplift with the landslide-generated tsunami event of 1756. Congress Slope Tectonics, Lausanne, 15-16 February 2008.
- Redfield, T.F.** & Osmundsen, P.T.: The Tjellefonna fault system of north Western Norway: linking late-Caledonian extension, post-Caledonian normal faulting, and Tertiary rock column uplift with the landslide-generated tsunami event of 1756. European Geoscience Union General Assembly, Vienna, Austria, 13-18 April 2008. Geophysical research abstracts, 10, A-07417, <http://www.cosis.net/abstracts/EGU2008/07417/EGU2008-A-07417.pdf?PHPSESSID=c0ae24c54d>
- Redfield, T.F.** & Osmundsen, P.T.: The Tjellefonna fault system of western Norway: Linking late-Caledonian extension, post-Caledonian normal faulting, and Tertiary rock column uplift with the landslide-generated tsunami event of 1756. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Redfield, T.F.**, Scholl, D.W., Fitzgerald, P. & Beck, M.E.J.: Escape Tectonics and the extrusion of Alaska: Past, present, and future. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Redfield, T.F.**, Smethurst, M.A. & Watson, R.J.: Plate tectonics and insolation: The potential relevance of a changing continental geometry to PETM paleo-albedo. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Saltus, R.**, Gaina, C. & Brown, P.: Large scale geophysical domains from circum-Arctic magnetic and gravity anomalies - A framework for tectonic reconstructions. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Smelror, M.**, Larssen, G.B., Petrov, O.V., Ebbing, J., Gernigon, L., Koren, T., Litvinova, T., Petrov, E., Sjulstad, H.I., Sobolev, N., Vasiliev, V. & Werner, S.: Paleogeographic evolution of the Barents and Kara Seas. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Smethurst, M.A.**, Sundal, A.V., Strand, T. & Bingen, B.: Testing the performance of a recent radon hazard evaluation in the municipality of Gran, eastern Norway. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Smethurst, M.A.**, Torsvik, T.H., Steinberger, B., Burke, K. & Redfield, T.: A new look at spatial relationships between geomagnetic field reversal tracks and seismic shear wave velocity anomalies and the core-mantle boundary. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Smith, R.**, Puskas, C., Farrell, J., Chang, W., Steinberger, B. & O'Connell, R.J.: Effects of the Yellowstone Hotspot and Mantle Plume on the Western U.S. GSA Joint Annual Meeting, Houston, Texas, 5-9 October 2008. Abstracts with programs, 40, 6, 396. [http://gsa.confex.com/gsa/2008AM/finalprogram/abstract\\_145554.htm](http://gsa.confex.com/gsa/2008AM/finalprogram/abstract_145554.htm)
- Smith, R.B.**, Puskas, C., Jordan, M., Steinberger, B., Farrell, J., Chang, W., Waite, G.P., Husen, S. & O'Connell, R.J.: Effects of the Yellowstone hotspot and plume on the western U.S. . AGU Fall Meeting, San Francisco, 15-19 December 2008. Eos Transactions Fall Meeting Supplement, 89, 53.
- Sobolev, S.V.**, Popov, A. & Steinberger, B.: Coupling mantle convection and 3D elasto-visco-plastic surface layer including lithosphere and asthenosphere. AGU Fall Meeting, San Francisco, 15-19 December 2008. Eos Transactions Fall Meeting Supplement, 89, 53.

- Steinberger, B.:** Global reference frames: Distinguishing plate motions relative to the mantle and true polar wander. Remote lecture via Skype at the Seminar on Advanced Plate Tectonics by Paul Wessel, University of Hawaii at Manoa, Fall 2008.
- Steinberger, B.:** Towards a global reference frame linking plate motions and processes in the deep Earth interior. Invited lecture, GFZ Potsdam 2008.
- Steinberger, B.:** Towards a global reference frame linking plate motions and processes in the deep Earth interior. Invited lecture, ETH Zürich 2008.
- Steinberger, B.,** Burke, K., Torsvik, T.H. & Smethurst, M.A.: Generation of Plumes at the Margins of Chemically Distinct Large Low Shear Velocity Provinces. 18th Goldschmidt Conference - "from Sea to Sky", Vancouver, Canada, 13-18 July.
- Steinberger, B. &** Torsvik, T.H.: Absolute plate motions and true polar wander in the absence of hotspot tracks. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Torsvik, T.:** Geodynamics – the relationship between the inner part and the outer part of the Earth. International Symposium on the Planet Earth, NGU, Trondheim, 7-8 February 2008
- Torsvik, T.,** Cocks, R. & Buiter, S.: The Variscides, Uralides and Pangea assembly: Insights from plate reconstructions and numerical modelling 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Torsvik, T.H.,** Alvey, A., Gaina, C. & Kuszniir, N.: The Arctic connection: A tale of Greenland and Ellesmere islands. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Torsvik, T.H. &** Steinberger, B.: Kevin Burke - Ouverture. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Torsvik, T.H. &** Steinberger, B.: Linking plate motions to the mantle. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Torsvik, T.H.,** Steinberger, B., Burke, K. & Smethurst, M.A.: Supercontinents, Plate Tectonics, Large Igneous Provinces and Deep Mantle Heterogeneities. AGU Fall Meeting, San Francisco, 15-19 December 2008. Eos Transactions Fall Meeting Supplement, 89, 53.
- Torsvik, T.H.,** Steinberger, B., Cocks, L.R.M. & Burke, K.: Large Igneous Provinces and Large Low Shear Velocity Provinces - A new reconstruction method. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Werner, S.G.,** Torsvik, T.H. & Smelror, M.: The Mjølfnir impact crater – Geophysics and palaeogeography. 33rd International Geological Congress, Oslo, 6-14 August 2008.

## **Geokjemi og miljø**

- Bølviken, B.:** Geokjemiske fordelinger har fraktale dimensjoner. Det 17. nasjonale seminar om hydrogeologi og miljøgeokjemi, NGU, Trondheim, 11.-12. mars 2008. NGU Rapport, 2008.027, 46.
- Finne, T.E. & Ottesen, R.T.:** A regional geochemistry survey of the surficial deposits of Spitsbergen. Det 17. nasjonale seminar om hydrogeologi og miljøgeokjemi, NGU, Trondheim, 11.-12. mars 2008. NGU Rapport, 2008.027, 38.
- Jartun, M.:** PCB - vidundermiddel og miljøgift. Kursholder, Glassfabrikken i Larvik. 6. februar 2008.
- Jartun, M.:** PCB i Arktis. Foredrag ARCTOS PhD-school, Skibotn / Tromsø
- Jartun, M.:** PCB i urbant miljø, spredning, PCB i Arktis. Forelesning for NTNU-studenter i faget KJ3071 - Anvendt geokjemi.
- Jartun, M.:** Urban geochemistry. 33<sup>rd</sup> International Geological Congress, Oslo, 6-14 August 2008
- Jartun, M., Volden, T. & Ottesen, R.T.:** PCBs from local sources on Svalbard. Det 17. nasjonale seminar om hydrogeologi og miljøgeokjemi, NGU, Trondheim, 11.-12. mars 2008. NGU Rapport, 2008.027, 45.
- Jensen, H.K.B.:** Landfill gas from waste sites in Norwegian cities: challenges for climate and human health (Posterpresentasjon). Det 17. nasjonale seminar om hydrogeologi og miljøgeokjemi, NGU, Trondheim, 11.-12. mars 2008. NGU Rapport, 2008.027, 53.
- Jensen, H.K.B., Knies, J., Finne, T.E., Klungsøyr, J., Thorsnes, T. & Boitsov, S.:** Pollution levels in the southern barents sea sediments: Results from the ongoing MAREANO programme and the need for new research. 33rd International Geological Congress (IGC), Oslo, 6-14 August 2008.
- Macalady, D.L. & Sæther, O.M.:** The characteristics of natural organic matter (NOM) in sub-Alpine environments. Beylich, A. 3rd IAG/AIG Sedibud Workshop, Boulder, Colorado, 9-13 September 2008. NGU-rapport, 2008.058, 29.
- Ottesen, R.T.:** Energiutnyttelse av avfall. Avfall Norge, konferanse i Trondheim, august 2008.
- Ottesen, R.T.:** Fremtidens avfallsstrømmer – jakten på miljøfarlige stoffer i produkter. Avfallseminar, Fylkesmannen i Sør-Trøndelag, Trondheim, mars 2008
- Ottesen, R.T.:** Global geochemical mapping and the particle bound flux of major world rivers. 5<sup>th</sup> International SedNet conference, NGI Oslo, 27-29 May 2008
- Ottesen, R.T.:** Health-based action levels for metals and organic pollutants in Norwegian soils. EuroSoils 2008, Vienna 25-29 August 2008.
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- England, R.W.** & Ebbing, J.: The relationship between deep crustal structure and surface uplift. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- England, R.W.** & Ebbing, J.: SCANLIPS – A seismological study of epirogenic uplift of Scandinavia. European Geoscience Union General Assembly, Vienna, 13-18 April 2008. Geophysical Research Abstracts, 10, A-02842.  
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- Gernigon, L.**, Marelllo, L., Barrere, C., Skilbrei, J.R. & Roberts, D.: Significance of the new BAS-06 aeromagnetic survey for a better understanding of salt tectonics and basin structure in the Barents Sea. European Geoscience Union General Assembly, Vienna, 13-18 April 2008. Geophysical Research Abstracts, 10, A-04533, <http://www.cosis.net/abstracts/EGU2008/04533/EGU2008-A-04533.pdf?PHPSESSID=>
- Gernigon, L.**, Marelllo, L., Barrere, C., Skilbrei, J.R. & Roberts, D.: Significance of the new BAS-06 aeromagnetic survey for a better understanding of salt tectonics and basin structure in the Barents Sea. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Hansen, J.A.**, Bergh, S., Eig, K., Henningsen, T. & Olesen, O.: Onshore-offshore basement architecture on the North Norwegian Margin – influences of Mesozoic to early Palaeogene tectonics. European Geoscience Union General Assembly, Vienna, 13-18 April 2008. Geophysical Research Abstracts, 10, A-06830.  
<http://www.cosis.net/abstracts/EGU2008/06830/EGU2008-A-06830.pdf>
- Hartmann, W.K.**, Quantin, C., Werner, S.C. & Popova, O.: Crater Count Ages of Young Martian Ray Craters: a Successful Test of the Crater Chronometry System. 40th annual meeting of the Division for Planetary Sciences of the American Astronomical Society, Ithaca, NY, 10-15 October 2008.
- Huismans, R.S.**, Planke, S., Tsikalas, F., Simon, N.S.C., Neumann, E.R., Berndt, C., Tegner, C., Meyer, R., Fitton, J.G., Leshner, C.E., Thy, P., Hellevang, B., Breivik, A., Pedersen, R., Gernigon, L., Gaina, C., Thorseth, I., Øvreås, L., Haflidason, H., Hjelstuen, B., Faleide, J.I., Hooper, J.R., Mjelde, R., Svensen, H., Gudlaugsson, S.T., Haugen, A., Magnus, C. & Stenløkk, J.: IODP drilling of conjugate north Atlantic volcanic rifted margins, causes and Implications of excess magmatism. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Korhonen, J.V.**, Aaro, S., All, T., Kihle, O., Nevanlinna, H., Olesen, O., Skilbrei, J.R., Vaher, R., Zhdanova, L. & Zuikova, J.: Joint Fennoscandian magnetic anomaly map projects 1980-2003: reduction and fitting of national data sets to common base. European Geoscience Union General Assembly, Vienna, 13-18 April 2008. Geophysical Research Abstracts, 10, A-12309.  
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- Marelllo, L.** & Ebbing, J.: A new 3D combined geophysical model of the Barents Sea and its implications. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Marelllo, L.**, Ebbing, J. & Ritzmann, O.: Insights into Basin Formation and Lithospheric Structure of the Barents Sea Region from 3d Density Modelling. AAPG International Conference and Exhibition, Cape Town, South Africa, 26-29 October 2008.

- Marello, L.,** Ebbing, J. & Ritzmann, O.: A new 3D regional density model for the Barents Sea Region. European Geoscience Union General Assembly, Vienna, 13-18 April 2008. Geophysical Research Abstracts, 10, A-06654.  
<http://www.cosis.net/abstracts/EGU2008/06654/EGU2008-A-06654.pdf>
- Nasuti, A.,** Ebbing, J. & Pascal, C.: A detailed geophysical and geological study on Møre-Trøndelag Fault Complex (MTFC), mid Norway. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Olesen, O.:** Aeromagnetic mapping of the Norwegian continental margin – from the Quaternary overburden to the deep basement. Invited talk, Crustal Characterization and Imaging Team, US Geological Survey, Denver, 23 October 2008.
- Olesen, O.:** Aeromagnetic mapping of the Norwegian continental margin – from the Quaternary overburden to the deep basement. Invited talk, National Oceanic and Atmospheric Administration and National Geophysical Data Center, Boulder, CO, 10. December 2008.
- Olesen, O.:** Subtropical weathered fracture zones in the Oslo Region cause tunnel problems. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Olesen, O.,** Bjørlykke, A. & Moen, B.F.: GEOS - geology in the Oslo region - a multidisciplinary mapping project in Norway. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Olesen, O.,** Bungum, H., Dehls, J., Lindholm, C., Pascal, C. & Roberts, D.: Neotectonics in Norway - mechanisms and implications. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Olesen, O.,** Ebbing, J., Gernigon, L., Koziel, J., Mogaard, J.O. & Skilbrei, J.R.: Aeromagnetic mapping of the Norwegian continental margin - from the Quaternary overburden to the deep basement. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Pascal, C. & Cloetingh, S.A.P.L.:** Quantification of the impact of continental elevation on the stress field at passive margins, case study of the mid-Norwegian Margin. GeoMod2008, International Geological Modelling Conference, Florence, Italy, 21-24 September 2008.
- Pascal, C. & Olesen, O.:** Recent scientific drilling in Norway. 28th Nordic Geological Winter Meeting, Aalborg, 7-10 January 2008.
- Pascal, C.,** Raulin, C., Elvebakk, H., Olesen, O., Midttømme, K., Slagstad, T. & Wissing, B.: Thermal state of the Norwegian lithosphere: insights from integrated heat flow and isostatic studies. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Pascal, C.,** Roberts, D. & Gabrielsen, R.H.: Present-day stress orientations in Norway as deduced from stress-release features. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Pedreira, D.,** Ebbing, J. & Pulgar, J.A.: Lithospheric structure of the Western Pyrenees-Cantabrian mountains based on 3D modeling of gravity anomalies and geoid undulations: preliminary results. International Meeting of Young Researchers in Structural Geology and Tectonics (YORSGE-08), Oviedo, Spain, 1-3 July 2008.
- Peron-Pinvidic, G.:** Constraints on magma-poor rifting evolution and continental break-up from the Iberia - Newfoundland system. Rifts Renaissance, Houston, TX, 19-21 August 2008.
- Peron-Pinvidic, G.:** Final rifting evolution and continental break-up at magma-poor rifted margins: a new point of view based on observations from the Iberia -

Newfoundland system. 33rd International Geological Congress, Oslo, 6-14 August 2008.

- Peron-Pinvidic, G.:** Insights from the Iberia–Newfoundland system on final rifting evolution at magma-poor rifted margins. Réunion des Sciences de la Terre (RST), Nancy, 21-25 April 2008.
- Peron-Pinvidic, G.:** Tectonic and sedimentation lessons for Master 1 and 2<sup>nd</sup> year engineer students. Louis Pasteur University, Strasbourg, France, 2008.
- Peron-Pinvidic, G., Manatschal, G. & Unternehr, P.:** Final rifting evolution at deep magma-poor rifted margins: insights from the Iberia–Newfoundland rifted margins. AAPG International Conference and Exhibition, Cape Town, South Africa, 26-29 October 2008.
- Reynisson, R.F., Ebbing, J. & Osmundsen, P.T.:** Discussion of the characteristics and origin of a high density lower crustal body on the Møre volcanic margin, offshore Norway, from 3D density and magnetic modelling. European Geoscience Union General Assembly, Vienna, 13-18 April 2008. Geophysical Research Abstracts, 10, A-03093. <http://www.cosis.net/abstracts/EGU2008/03093/EGU2008-A-03093.pdf>
- Reynisson, R.F., Ebbing, J. & Skilbrei, J.R.:** The sub-basaltic structure revealed by potential field methods on the Møre margin. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Reynisson, R.F., Fanavoll, S., Waag, G. & Ebbing, J.:** Feasibility study of electromagnetic, gravimetric and aeromagnetic methods in sub-basaltic settings. 70th EAGE Conference and Exhibition, Rome, 9-12 June 2008.
- Shingareva, T.V., Basilevsky, A.T., Shashkina, V.P., Neukum, G., Werner, S.C., Jaumann, R., Giese, B. & Gwinner, K.:** Morphological Characteristics of the Phobos Craters and Grooves. 39th Lunar and Planetary Science Conference, League City, Texas, 10-14 March 2008.
- Stratford, W., Thybo, H., Faleide, J.I., Olesen, O. & Tryggvason, A.:** Crustal structure of the Oslo graben: preliminary results from MAGNUS-REX, new crustal scale refraction profiling across southern Norway. European Geoscience Union General Assembly, Vienna, 13-18 April 2008. Geophysical Research Abstracts, 10, A-04171. <http://www.cosis.net/abstracts/EGU2008/04171/EGU2008-A-04171.pdf>
- Stratford, W., Thybo, H., Faleide, J.I., Olesen, O. & Tryggvason, A.:** Lithospheric structure of the southern Scandes and Oslo Graben: Results from MAGNUS-REX, new crustal scale refraction profiling of southern Norway. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Stratford, W., Thybo, H., Faleide, J.I., Olesen, O. & Tryggvason, A.:** Lithospheric structure of the southern Scandes: preliminary results from MAGNUS REX, new crustal scale refraction profiling of southern Norway. European Geoscience Union General Assembly, Vienna, 13-18 April 2008. Geophysical Research Abstracts, 10, A-04006, <http://www.cosis.net/abstracts/EGU2008/04006/EGU2008-A-04006.pdf>
- Stratford, W., Thybo, H., Faleide, J.I., Olesen, O. & Tryggvason, A.:** New Insights Into the Lithospheric Structure of Southern Norway. AGU Fall Meeting, San Francisco, 15-19 December 2008. Eos Transactions Fall Meeting Supplement, 89, 53. <http://www.agu.org/pubs/crossref/2008/2008EO530002.shtml>
- Werner, S.C., Ebbing, J., Litvinova, T. & Olesen, O.:** Potential field data of the Barents and Kara Seas – Reevaluated. 33rd International Geological Congress, Oslo, 6-14 August 2008.

- Werner, S.G.**, Torsvik, T.H. & Smelror, M.: The Mjølnir impact crater – Geophysics and palaeogeography. 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Yamasaki, T.**, Gernigon, L., Gaina, C. & Péron-Pinvidic, G.: Deformation localization influenced by underplated mafic bodies: Implications for the onset of break-up and micro-continent formation. 33rd International Geological Congress, Oslo, 6-14 August 2008.

## **Informasjonsforvaltning**

- Bang-Kittelsen, A.:** Samarbeid rundt uttaksløsninger. Workshop Norge Digitalt: Samspill mellom geodatatenester i Norge, Hurdal, 6.-7. november 2008.
- Henriksen, G. & Løvø, G.:** Geologiens dag. Utstilling. Trondheim 13. September 2008
- Iversen, S.:** "OneGeology" og brukertilpasninger av GML (GeoSciML). Workshop Norge Digitalt: Samspill mellom geodatatenester i Norge, Hurdalssjøen, 6.-7. november 2008.
- Iversen, S.:** Adaption for OneGeology - our solutions and challenges. Nordic geological surveys meeting, Copenhagen, 29.-30. September 2008.
- Iversen, S.:** Bruk av NGUs karttjenester. Nasjonal konferanse om bruk av IKT i utdanning og læring, Trondheim, 9. mai 2008.
- Iversen, S.:** OneGeology - hvor er vi i dag? Møte om "OneGeology - Europe", NGU, Trondheim, 21. august 2008.
- Iversen, S.:** Portal design - based on user demands. Nordic geological surveys meeting, Copenhagen, 29.-30. September 2008.
- Iversen, S.:** Portal og kartløsninger fra NGU i nytt design. Workshop Norge Digitalt: Samspill mellom geodatatenester i Norge, Hurdalssjøen, 6.-7. november 2008.
- Iversen, S.:** Services and datasets - status from NGU. Nordic One Geology Meeting, Uppsala, 12. March 2008.
- Iversen, S.:** Skredhendelser, utkast til faktaark. Databasemøte, Skredhendelser, NGU, Trondheim, 23. juni 2008.
- Iversen, S.:** Tjenesteovervåkning - opplegg og NGUs erfaringer. Teknologiforum, Norges digitalt, Oslo, 10. april 2008.
- Løseth, L.:** Mineral resources, poster. PDAC, Toronto, Canada, 2-5 March 2008
- Løseth, L.:** Norske landskap i endring, utstilling. NTNU Vitenskapsmuseet 8.3 – 30.4.2008.
- Løseth, L. & Reitan, E.P.:** MAREANO brukerkonferanse utstilling, Oslo, 26.10.2008
- Løvø, G., Henriksen, G. & Løseth, L.:** Lite lys men mytji varme: Hva er grunnvarme og hvordan kan vi bruke den. Utstilling Forskningstorget. Trondheim 26.-27. September 2008
- Moen, B.F.:** NGU former en digital tidsalder. Foredrag for geologistudenter fra UiO, NGU, Trondheim, 9. mai 2008.
- Nicolaysen, M.:** Skrednett og databasen for skredhendelser. Ny skredetat, samordningsmøte med NVE, NGU, Trondheim, 7. oktober 2008.
- Nordahl, B.:** Geodataforvaltning ved NGU. Geodataforvaltningsseminar, SSB, Oslo, 25. februar 2008.
- Nordahl, B.:** What's up - brief summary of recent trends and activities, NGU, Norway. Nordic geological surveys meeting, Copenhagen, 29-30 September 2008.

- Reitan, E.P.**, Rønningen, Å. & Løseth, L.: 33rd International Geological Conference, exhibition 6-14 August 2008
- Ryghaug, P.:** Erfaringer med SOSI PS. Workshop Norge Digitalt: Samspill mellom geodatatenester i Norge, Hurdalssjøen, 6.-7. november 2008.
- Ryghaug, P.:** The INSPIRE Metadata Implementation Rules - challenges for the geoscience communities? 33rd International Geological Congress, Oslo, 6-14 August 2008.
- Ryghaug, P.:** INSPIRE, erfaringer fra spesifikasjonsarbeidet av metadata IR. Workshop Norge Digitalt: Samspill mellom geodatatenester i Norge. Hurdalssjøen, 6.-7. november 2008.
- Ryghaug, P.:** Standardisering av geografisk informasjon. EVU-kurs BA6000 Geografisk informasjonsbehandling, NTNU, Institutt for Geomatikk, Trondheim, 17. januar 2008.
- Ryghaug, P.:** Standardisering av geografisk informasjon. Kurs TBA4250 Geografisk informasjonsbehandling 2, NTNU, Institutt for Geomatikk, Trondheim, 7. oktober 2008.
- Svendgård, B.:** Fjellspregningskonferansen, poster. Oslo 20.11.2008.
- Svendgård, B.:** Stein i vei, poster. Tromsø 6.-7. mars 2008
- Wesche, J.G. & Ryghaug, P.:** How to create Metadata from a data product specification or vice versa. 33rd International Geological Congress, Oslo, 6-14 August 2008.

## VERV I INTERNASJONALE ORGANISASJONER OG KOMITEER

- 11<sup>th</sup> Euroseminar on Microscopy Applied to Building Materials:** M. Broekmans member, International Board of Reviewers
- 13<sup>th</sup> International Conference on Alkali-Aggregate Reactions in Concrete (ICAAR), Scientific Committee:** M. Broekmans, editor-in-chief.
- 18<sup>th</sup> Goldschmidt Conference:** B. Steinberger, convener
- 28<sup>th</sup> Nordic Geological Winter Meeting, convener:** C. Pascal
- 33<sup>rd</sup> International Geological Congress, conveners:** S. Buitter, J. Ebbing, J. Hannah, B. Hendriks, O. Olesen, D. Ottesen, Ø. Nordgulen, C. Pascal, T. Redfield, M.A. Smethurst, H. Stein, B. Steinberger, T.H. Torsvik
- 33<sup>rd</sup> International Geological Congress Construction Materials Symposia and Excursion:** P.R. Neeb, coordinator
- 33<sup>rd</sup> International Geological Congress Communication sub-committee:** B.F. Moen, leader
- 33<sup>rd</sup> International Geological Congress Mediateam:** G. Løvø, ass. Press officer.
- 33<sup>rd</sup> International Geological Congress Organising committee:** A. Bjørlykke, President, B.F. Moen, VP Communication
- Applied Geochemistry:** C. Reimann, Associate editor
- CEN/TC 154/TG 11:** P.R. Neeb og E. Erichsen medlem.
- CEN/TC 287, Geographic information:** P. Ryghaug, member of the Norwegian TC delegation
- CEN/TC 287, WG5 - Spatial Data Infrastructures:** S. Iversen, P. Ryghaug, J.G. Wesche, members
- CGMW/DIMAS. Working Group on Common Standards for Digital Geological Data and Data Structures:** P. Ryghaug, contact point
- EU Working Group C on Groundwater:** A. Dagestad, Norges representant
- EuroGeoSurvey INSPIRE working group:** P. Ryghaug, member
- EuroGeoSurveys Geochemistry working Group:** C. Reimann, chairman
- EuroGeoSurveys Marine Geology Working Group:** R. Bøe
- European Environmental Agency:** B. Frengstad, Norges representant grunnvann
- European Geoscience Union General Assembly 2008:** J. Ebbing, convener
- Geochemistry – Exploration, Environment, Analysis:** C. Reimann, Associate editor
- GeoHab Working Group:** M. Dolan, T. Thorsnes
- Geo-Marine Letters Editorial Board:** R. Bøe
- GeoMod 2008, Analogue and numerical modelling of crustal processes, workshop:** S. Buitter, organizer
- Geoscience Information Consortium (GIC):** B. Nordahl, member of Steering Group
- INSPIRE, Infrastructure for Spatial Information in Europe, Metadata Drafting Team:** P. Ryghaug, member
- IODP Hotspot Geodynamics Detailed Planning Group:**
- ISO/TC211, Geographic Information and Geomatics:** P. Ryghaug, member of Norwegian TC delegation
- ISO/TC211 PT 19113, Geographic Information – Quality principles (revision):** P. Ryghaug, member

**ISO/TC211 PT 19136, Geographic Information – Geographic Markup Language (GML):** S. Iversen, Member

**ISO/TC211 PT 19142, Geographic Information – Web Feature Server (WFS):** S. Iversen, member

**ISO/TC211 PT 19143, Geographic Information – Filter Encoding (FE):** S. Iversen, Member

**International AAR Committee Trondheim 2008:** M. Broekmans member.

**International Association of Geochemistry (IAGC):** C. Reimann, Vice-President

**International Association of Geomorphologists (IAG) working group SEDIBUD:** A.A. Beylich, chair

**International Association of Hydrogeologists - Burdon Commission:** A. Dagestad

**International Association of Hydrogeologists – Fennoscandian Working Group on Hardrock Hydrogeology:** A. Dagestad

**International Association of Geomagnetism and Aeronomy:** K. Fabian, co-chair of workgroup 1-4 (Rockmagnetism)

**International Cartographic Organisation (ICA), Commission on maps on the Internet:** S. Iversen, member

**International Continental Drilling program (ICDP):** Ø. Nordgulen, member of Science Advisory Group.

**International Lithosphere Programme:** C. Pascal, steering committee Dynaqlim project

**International Permafrost Association: working group on Periglacial Processes, Landforms and Climate:** A.A. Beylich, leader of sub-group Spatial variability

**Landform Analysis:** A.A. Beylich, editorial board member

**OneGeology – Europe:** S. Iversen, P. Ryghaug, members

**OneGeology – Europe, WP4 – Data inventory, metadata profile and multilingual discovery metadata:** P. Ryghaug, core member

**OneGeology – Europe, WP6 – Web portal and Registry development and implementation:** S. Iversen, member

**OneGeology Nordic working group:** S. Iversen, member

**Open Geology journal:** A.A. Beylich, editorial board member

**RILEM Technical Committee on Alkali-aggregate reactions in Concrete Structures (TC-ACS):** M. Broekmans, member.

**Science of the Total Environment:** C. Reimann, editorial board

**Swedish Deep Drilling Programme:** C. Pascal, member of working group

## VERV I NASJONALE ORGANISASJONER OG KOMITEER

**Artsdatabanken, Ekspertgruppe Ny norsk naturtypeinndeling:** T. Thorsnes  
**Bibliotekarforbundet:** K. Alstad, styremedlem og medlem av Statens Tariffutvalg  
**Brukerforum for standardisering:** B. Nordahl, medlem  
**Forskning.no:** B.F. Moen, styremedlem  
**Forum for alkalireaksjoner i Norge (FARIN):** M.A.T.M. Broekmans, A. Ulvik og P.R. Neeb, medlemmer  
**Forum for samordning av norsk vannbistand:** A. Dagestad, medleg  
**Forvaltningsplanen for havområdene utenfor Lofoten og Barentshavet:** T. Thorsnes, medlem av faglig forum og overvåkningsgruppen  
**Fylkesdelplan for sand-, grus- og pukkressurser i Ryfylke:** K. Wolden, medlem i prosjektgruppe  
**Gudbrandsdalsmuseet:** B.F. Moen, styremedlem  
**Implementering EUs Vanndirektiv, Arbeidsgruppe grunnvann:** A. Dagestad  
**Implementering EUs Vanndirektiv, Overvåkingsgruppa:** B. Frengstad  
**Internasjonale Polaråret, Det:** G. Løvø, medlem av formidlingsutvalget  
**International Centre for Geohazards:** Ø. Nordgulen, styremedlem.  
**International Association of Hydrogeologists, IAH Norge:** S. Gaut, kasserer/sekretær  
**Kriseutvalg for atomberedskap:** J.S. Rønning, medlem av faglig råd, M. Smethurst varamedlem, faglig råd  
**Midtbykolene Trondheim, skoleutvalg videregående skole:** B.F. Moen, eksternt medlem  
**Nasjonal totkomité og instrumentpool:** R. Bøe  
**Norge Digitalt, Referansegruppe:** P. Ryghaug, representant for NHD  
**Norge Digitalt, Teknologiforum:** A. Bang-Kittelsen, S. Iversen, P. Ryghaug, medlemmer  
**Norge Digitalt, Teknologiforum – Arbeidsgruppe rammeverk:** S. Iversen, R. Ryghaug, medlemmer  
**Norge Digitalt, Teknologiforum – Arbeidsgruppe produktspesifikasjoner, SOSI-ps:** P. Ryghaug, J.G. Wesche, medlemmer  
**Norge Digitalt, Temadataforum:** A. Bang-Kittelsen, P. Ryghaug, medlemmer  
**Norge Digitalt, Temadataforum – Arbeidsgruppe metadata:** P. Ryghaug, J.G. Wesche, medlemmer  
**Norge Digitalt, Temadataforum – Arbeidsgruppe nettsted:** A. Bang-Kittelsen, medlem  
**Norsk Bergforening:** P.R. Neeb, styremedlem  
**Norsk Fjellmuseum:** B.F. Moen, styreleder  
**Norsk Geologisk Forening:** A. Lyså, styremedlem  
**Norsk Geologisk Forening, Komité for tildeling av Store Norske-prisen:** O. Olesen, medlem  
**Norsk Geologisk Forening, Trondheim:** H. Jensen, sekretær  
**Norsk Geologisk Forening, Vintermøtet 2009:** R. Dahl, medlem av programkomité  
**Norsk Havforskerforening:** O. Longva, T. Thorsnes, styremedlem,  
**Norsk hydrologiråd:** B. Frengstad, medlem, S. Gaut, varamedlem  
**Norsk samarbeidsråd for marine vitenskaper (NOSAM):** T. Thorsnes, leder  
**Norsk Vann, fagutvalg for vann:** A. Dagestad, medlem

**Norsk Teknologistandardiserings K 176, Referansegruppe for nasjonal og internasjonal standardisering av geografisk informasjon:** P. Ryghaug, J.G. Wesche, medlemmer

**Norwegian Journal of Geology:** J. Knies, guest editor

**Norwegian journal of geography:** A.A. Beylich, member of editorial board

**Polarmiljøsenenteret i Tromsø:** L. Plassen, medlem av forskningsledergruppa

**Rådet for C14-dateringer, NTNU:** L. Olsen, vararepresentant

**SOSI-arbeidsgruppe 1, Teknikker og modeller:** B. Nordahl, P. Ryghaug, medlemmer

**SOSI-arbeidsgruppe 6, Naturressurdata:** B. Nordahl, P. Ryghaug, J.G. Wesche, medlemmer

**Standard Norge, Komiteen for tilslag:** E. Erichsen og P.R. Neeb, medlemmer

**Stiftelsen Folldal gruver:** B.A. Follestad, styremedlem i Nordøsterdalsmuseet

**Vegdirektoratet, styringsgruppe for steinmaterialer:** E. Erichsen og P.R. Neeb, medlemmer

## **SENSORER, VEILEDERE (Dr.GRAD) OG BEDØMMELSESKOMITEER**

**Charles University, Prague:** S.J.H. Buitter

**European Science Foundation:** A.A. Beylich, referee

**Høgkolen i Sogn og Fjordane:** K. Sletten

**Norges Tekniske Naturvitenskapelige Universitet:** A. Bang-Kittelsen, T. Bargel, M.A.T.M. Broekmans, J. Ebbing, H. Elvebakk, A.K. Engvik, E. Erichsen, B. Frengstad, T. Grenne, L. Hansen, T. Heldal, O. Longva, P.R. Neeb, B. Nordahl, P.T. Osmundsen, C. Pascal, L. Rise, M.A. Smethurst

**Universitetet for miljø og biovitenskap:** L. Hansen

**Universitetet i Bergen:** L. Olsen, P.T. Osmundsen

**Universitetet i Oslo:** S.J.H. Buitter

**Universitetet i Tromsø:** A.K. Engvik, L. Hansen, O. Longva, O. Olesen, P.T. Osmundsen, L. Plassen

**Universitetet i Tromsø, Forskerskolen for maringeologi og geofysikk:** R. Bøe, D. Ottesen, L. Plassen

**University of Paris I:** A.A. Beylich

**University of Strasbourg (Université Louis Pasteur):** G. Peron-Pinvidic