

## ÅRSMELDING 2006

KART OG PUBLIKASJONER UTGITT AV NGU .....	3
Kart .....	3
Berggrunnsgeologiske kart .....	3
Kvartærgeologisk kart.....	3
Maringeologiske kart .....	4
Aktsomhetskart radon .....	4
Geofysiske kart .....	4
Ressurskart sand, grus og pukk.....	4
Publikasjoner og bøker .....	5
NGU Bulletin 446 .....	5
Gråsteinen 11 – Rallarvegen, geologi og landformer .....	5
NGU Fokus 2006 (temaartikler på nett) .....	5
GEOS Info 2006 (temaartikler på nett).....	5
Publisering på nett.....	6
NGU rapporter .....	6
Fjellanlegg og grunnvarme .....	6
Geodynamikk.....	6
Grunnvann.....	7
Grus og pukk.....	7
Industrimineraler og mineralkarakterisering.....	8
Landskap og klima.....	9
Maringeologi.....	9
Miljøgeokjemi.....	9
Naturstein.....	10
Regional kartlegging.....	10
Skred .....	10
Sokkelgeofysikk.....	11
EKSTERN PUBLISERING.....	12
Eksterne rapporter.....	12
Geodynamikk.....	12
Internasjonal virksomhet.....	12
Maringeologi.....	12
Naturstein.....	13
Regional kartlegging.....	13
Skred .....	13
Geologiske kart .....	13
Internasjonal virksomhet.....	13
Publikasjoner.....	15
Fjellanlegg og grunnvarme .....	15
Geodynamikk.....	16
Grunnvann.....	17
Grus og pukk.....	17
Industrimineraler og mineralkarakterisering.....	17
Internasjonal virksomhet.....	18
Landskaps- og klimautvikling.....	18
Maringeologi.....	20
Miljøgeokjemi.....	21
Naturstein.....	21

Regional kartlegging .....	22
Skorpeprosesser .....	23
Skred .....	24
Sokkelgeofysikk.....	24
Geodataforvaltning .....	25
Alment.....	25
Artikler/kronikker på nett .....	26
<b>FOREDRAG OG UNDERVISNING .....</b>	<b>28</b>
Fjellanlegg og grunnvarme .....	28
Geodynamikk.....	29
Grunnvann.....	32
Grus og pukk.....	33
Industrimineraler og mineralkarakterisering.....	34
Internasjonal virksomhet.....	35
Landskaps- og klimautvikling.....	36
Maringeologi.....	39
Miljøgeokjemi.....	42
Naturstein.....	42
Regional kartlegging.....	43
Skorpeprosesser .....	47
Skred .....	48
Sokkelgeofysikk.....	49
Laboratorier.....	52
Geodataforvaltning .....	52
Alment.....	53
<b>VERV I INTERNASJONALE ORGANISASJONER OG KOMITEER.....</b>	<b>54</b>
<b>VERV I NASJONALE ORGANISASJONER OG KOMITEER .....</b>	<b>56</b>

# KART OG PUBLIKASJONER UTGITT AV NGU

## **Kart**

Oversikten gjelder kart utgitt i forskjellige målestokker på papir som farvetrykk, fargeplott eller som foreløpige svart/hvit kopier. Digitale kartdata kan plottes på forespørsel. Prisen på et farge plottkart i normal kvalitet (inntil A0 størrelse) vil være kr. 140,-

Ettersom alle kart produseres digitalt og legges inn i databaser, vil et digitalt utsnitt (datasett) av berggrunn og løsmassekart kunne lastes ned (gratis) fra våre nettsider, foreløpig kun i shape-format. Ved bestilling tas det ca. kr. 500,- + mva per datasett til dekning av uttaks- og tilretteleggingskostnader. Kartdatasett for berggrunn og løsmasser, mangler foreløpig punktinformasjonen (symbolene). Databeskrivelser følger SOSI-standarden, og avledede egenskaper kan være lagt inn.

Produktspesifikasjoner, som følger kravene til leveranse til Norge Digitalt, er under utarbeidelse. Alle linjestykker inneholder kvalitets- og metadataparametre. En standard leveranse ved bestilling vil være på SOSI-format eller ESRI-formater og med datum WGS84/gjeldende UTM-sone.

## **Berggrunnsgeologiske kart**

### **M 1:15 000 (fargeplott)**

Linnajavri-området (Lindahl, I. & Nilsson, L.P.)

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

Kåfjord 1634 II M (Zwaan, K.B., Dangla, P. & Quenardel, J.M.)

Langfjorden 2236 II (Siedlecka, A., Reading, H.G., Williams, G.D. & Roberts, D.)

Mandal 1411 II (Falkum, T., Berthelsen, C.R., Jakobsen, B.M., Petersen, J.S. & Wilson J.R.)

Mollesjohka 1733 I (Ryghaug, P. & Zwaan, K.B.)

### **M 1:70 000 (foreløpig fargeplott)**

Anarjohka (Olsen, K.I. & Siedlecka, A.)

## **Kvartærgeologisk kart**

### **M 1:10 000 (fargeplott)**

Meråker sentrum, Meråker kommune (Hansen, L.)

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

Atnsjøen 1818 IV (Follestad, B.A.)

Breim 1318 III (Aa, A.R.)

Dombås 1419 II (Follestad, B.A.)

Osen 1623 IV med beskrivelse (Olsen, L. & Riiber, K.)

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

Hjerkinn 1519 III (Sørbel, L. & Tolgensbakk, J.)

## **Maringeologiske kart**

### **Digitale kart publisert på [www.mareano.no](http://www.mareano.no)**

Bunntyper (kornstørrelse), Østlige Tromsøflaket (Bellec, V., Wilson, M., Bøe, R., Thorsnes, T. & Lepland, A.)

Bunntyper (dannelsesmåte) Østlige Tromsøflaket (Bellec, V., Wilson, M., Bøe, R., Thorsnes, T. & Lepland, A.)

Sedimentasjonsmiljø, Østlige Tromsøflaket (Wilson, M., Bellec, V., Bøe, R., Thorsnes, T. & Lepland, A.)

Terrengeformer, Østlige Tromsøflaket (Wilson, M., Bellec, V., Thorsnes, T., Bøe, R. & Lepland, A.)

Hard og bløt bunn, Østlige Tromsøflaket (Wilson, M., Bellec, V., Thorsnes, T., Bøe, R. & Lepland, A.)

## **Aktsomhetskart radon**

### **M 1:100 000**

Oslo – Gran – Hurdal (Smethurst, M.A., Strand, T., Finne, T.E. & Sundal, A.V.)

Drammen – Hurum – Oslo (Smethurst, M.A., Strand, T., Finne, T.E. & Sundal, A.V.)

Sarpsborg – Fredrikstad – Moss (Smethurst, M.A., Strand, T., Finne, T.E. & Sundal, A.V.)

Skien – Sandefjord – Holmestrand (Smethurst, M.A., Strand, T., Finne, T.E. & Sundal, A.V.)

## **Geofysiske kart**

### **Gravimetrisk residualkart 1:250 000**

Kristiansund (Gellein, J.)

Namsos (Gellein, J.)

Trondheim – Østersund (Gellein, J.)

Ulsteinvik (Gellein, J.)

### **Aktsomhetskart for tunnelplanlegging 1:100 000**

Østlandsområdet, Geofysisk tolkning av tropisk dypforvitring (Olesen, O.)

## **Ressurskart sand, grus og pukk**

Bykle kommune, Ressurskart: Sand, grus og pukk (Erichsen, E.)

Birkenes kommune, Ressurskart: Sand, grus og pukk (Erichsen, E.)

Evje og Hornnes kommune, Ressurskart: Sand, grus og pukk (Erichsen, E.)

Ringerike kommune, Ressurskart: Sand, grus og pukk (Wolden, K.)

Ressurskart: Sand, grus og pukk på Jæren, Rogaland fylke (Wolden, K.)

## **Publikasjoner og bøker**

### **NGU Bulletin 446**

**Nissen, A.L.**, Roberts, D. & Gromet, P.: U-Pb zircon ages of a tonalite and a granodiorite dyke from the southern part of the Bindal Batholith, central Norwegian Caledonides

[http://www.ngu.no/FileArchive/102/Bulletin446\\_5-9.pdf](http://www.ngu.no/FileArchive/102/Bulletin446_5-9.pdf)

**Slagstad, T.:** Chemical (U-Th-Pb) dating of monazite: Analytical protocol for a LEO 1450VP scanning electron microscope and examples from Rogaland and Finnmark, Norway

[http://www.ngu.no/FileArchive/102/Bulletin446\\_11-18.pdf](http://www.ngu.no/FileArchive/102/Bulletin446_11-18.pdf)

**Falkum, T.** & Grundvig, S.: Geochemical evidence in support of sedimentary precursors to Proterozoic sillimanite-bearing rocks, Vest-Agder, South Norway

[http://www.ngu.no/FileArchive/102/Bulletin446\\_19-34.pdf](http://www.ngu.no/FileArchive/102/Bulletin446_19-34.pdf)

**Roberts, D.** & Nissen, A.L.: Geochemical changes accompanying mylonitisation of granite at the base of the Helgeland Nappe Complex, Nord-Trøndelag, central Norway

[http://www.ngu.no/FileArchive/102/Bulletin446\\_35-41.pdf](http://www.ngu.no/FileArchive/102/Bulletin446_35-41.pdf)

### **Gråsteinen 11 – Rallarvegen, geologi og landformer**

**Aarseth, I.**, Braanaas, T. & Henriksen, H

### **NGU Fokus 2006 (temaartikler på nett)**

Nr. 1: Sjøbunnen ved Oslo S

[http://www.ngu.no/FileArchive/167/NGU\\_FOKUS\\_Nr%201\\_2006\\_small.pdf](http://www.ngu.no/FileArchive/167/NGU_FOKUS_Nr%201_2006_small.pdf)

Nr. 2: NGU satser i nordområdene

[http://www.ngu.no/FileArchive/167/NGU\\_FOKUS\\_Nr%202\\_2006.pdf](http://www.ngu.no/FileArchive/167/NGU_FOKUS_Nr%202_2006.pdf)

Nr. 3: Geologi i Oslo-regionen (GEOS)

[http://www.ngu.no/FileArchive/167/NGU\\_FOKUS\\_Nr%203\\_2006.pdf](http://www.ngu.no/FileArchive/167/NGU_FOKUS_Nr%203_2006.pdf)

### **GEOS Info 2006 (temaartikler på nett)**

Nr. 1-3: Geologi i Oslo-regionen (GEOS) – Oppdatert og sammenstilt versjon av informasjonsark om prosjektet.

[http://www.ngu.no/FileArchive/217/geos\\_info\\_06.pdf](http://www.ngu.no/FileArchive/217/geos_info_06.pdf)

## **Publisering på nett**

NGUs nettportal:

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

Marin arealdatabase for norske kyst- og havområder:

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

Grunnvann i Norge:

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

Skred i Norge:

<http://www.skrednett.no>

## **NGU rapporter**

### **Fjellanlegg og grunnvarme**

**Dalsegg, E.,** Elvebakk, H., Rønning, J.S., Solberg, I.L., Solli, A. & Tønnesen, J.F.:

Geofysiske målinger for løsmassekartlegging i Buvika, Skaun kommune, Sør-Trøndelag. NGU Rapport 2006.006. URL:

[http://www.ngu.no/FileArchive/235/2006\\_006.pdf](http://www.ngu.no/FileArchive/235/2006_006.pdf)

**Dalsegg, E. & Rønning, J.S.:** Elektriske målinger i tunnel, Funna kraftverk, Meråker, Nord-Trøndelag. NGU Rapport 2006.056. URL:

[http://www.ngu.no/FileArchive/235/2006\\_056.pdf](http://www.ngu.no/FileArchive/235/2006_056.pdf)

**Elvebakk, H.:** Borehullslogging i forbindelse med ny jernbanetunnel Sandvika - Lysaker, Bærum kommune. NGU Rapport 2006.007. URL:

[http://www.ngu.no/FileArchive/235/2006\\_007.pdf](http://www.ngu.no/FileArchive/235/2006_007.pdf)

**Rønning, J.S.,** Dalsegg, E., Dehls, J.F., Haase, C., Nordgulen, Ø, Olesen, O., Saintot, A. & Solli, A.: Geological and geophysical investigations for the ROGFAST project. NGU Report 2006.076. URL:

[http://www.ngu.no/FileArchive/235/2006\\_076.pdf](http://www.ngu.no/FileArchive/235/2006_076.pdf)

**Rønning, J.S.,** Dalsegg, E., Elvebakk, H., Ganerød, G. & Tønnesen, J.F.: Geofysiske målinger Åknes og Tafjord, Stranda og Nordal kommuner, Møre og Romsdal.

NGU Rapport 2006.002. URL: [http://www.ngu.no/FileArchive/235/2006\\_002.pdf](http://www.ngu.no/FileArchive/235/2006_002.pdf)

### **Geodynamikk**

**Gaina, C.,** Torsvik, T.H., Redfield, T.F., Steinberger, B., Buitter, S., Smethurst, M.A.,

Knies, J., Ball, P., Kuznir, N., Alvey, A. & Müller, R.D.: Frontier science and exploration: the Atlantic-Arctic. NGU Report 2006.077. Confidential

**Torsvik, T.H.,** Smethurst, M.A., Redfield, T.F., Gaina, C., Steinberger, B., Rouse, S., Buitter, S., Müller, R.D. & Gurnis, M.: SPlates: Palaeogeographic reconstruction software. NGU Report 2006.060. Confidential

## Grunnvann

- Aune, T.(.):** Program og sammendrag for "Det 15. seminar om hydrologi og miljøgeokjemi", NGU 7.-8. februar 2006. NGU Rapport 2006.015. URL: [http://www.ngu.no/FileArchive/235/2006\\_015.pdf](http://www.ngu.no/FileArchive/235/2006_015.pdf)
- Dagestad, A.:** Hydrogeologiske undersøkelser Grimstad vannverk, Gildeskål kommune. NGU Rapport 2006.066. URL: [http://www.ngu.no/FileArchive/235/2006\\_066.pdf](http://www.ngu.no/FileArchive/235/2006_066.pdf)
- Dagestad, A.:** Undersøkelse av vannkvalitet i Borsjokka ved Lakselv søppelplass, Porsanger kommune. NGU Rapport 2006.037. URL: [http://www.ngu.no/FileArchive/235/2006\\_037.pdf](http://www.ngu.no/FileArchive/235/2006_037.pdf)
- Dagestad, A., Tønnesen, J.F. & Dalsegg, E.:** Hydrogeologiske undersøkelser ved Ramfjordmoen, Tromsø kommune. NGU Rapport Norges geologiske undersøkelse, 2005.079. URL: [http://www.ngu.no/FileArchive/227/2005\\_079.pdf](http://www.ngu.no/FileArchive/227/2005_079.pdf)
- Dagestad, A., Tønnesen, J.F. & de Beer, H.:** Hydrogeologiske undersøkelser ved Raipas, Alta kommune. NGU Rapport 2005.078. URL: [http://www.ngu.no/FileArchive/227/2005\\_078.pdf](http://www.ngu.no/FileArchive/227/2005_078.pdf)
- de Beer, H. & Jæger, Ø:** Hydrogeologiske undersøkelser ved Urnes stavkirke, Luster i Sogn. Sluttrapport. NGU Rapport 2006.044. URL: [http://www.ngu.no/FileArchive/235/2005\\_044.pdf](http://www.ngu.no/FileArchive/235/2005_044.pdf)
- Frengstad, B., Jæger, Ø & Magombedze, L.:** Landsomfattende grunnvannsnett: årsrapport 2005. NGU Rapport 2005.053. URL: [http://www.ngu.no/FileArchive/235/2006\\_053.pdf](http://www.ngu.no/FileArchive/235/2006_053.pdf)
- Liebel, H.:** Hydrogeologic flow and contaminant transport model for the Kaldvella field. NGU Report 2006.026. Confidential
- Magombedze, L. & Jæger, Ø:** Groundwater quality monitoring in the border area between Norway, Finland and Russia. NGU Report 2006.042. URL: [http://www.ngu.no/FileArchive/235/2006\\_042.pdf](http://www.ngu.no/FileArchive/235/2006_042.pdf)
- Storrø, G., Gaut, S., Sivertsvik, F., Gundersen, P., Sjørdal, T. & Berg, T.:** Kvalitet av borebrønner i fjell - videoinspeksjon av brønnutforming. NGU Rapport 2005.031. URL: [http://www.ngu.no/FileArchive/235/2006\\_031.pdf](http://www.ngu.no/FileArchive/235/2006_031.pdf)

## Grus og pukk

- Erichsen, E.:** Krav til materialtekniske egenskaper for bære- og forsterkningslag. NGU Rapport 2006.020. URL: [http://www.ngu.no/FileArchive/235/2006\\_020.pdf](http://www.ngu.no/FileArchive/235/2006_020.pdf)
- Erichsen, E., Schiellerup, H. & Grimstvedt, A.:** Analyse av mineralinnholdet i støvprøver fra asfaltkjerner. NGU Rapport 2006.049. URL: [http://www.ngu.no/FileArchive/235/2006\\_049.pdf](http://www.ngu.no/FileArchive/235/2006_049.pdf)
- Marker, M., Bjerkgård, T., Erichsen, E., Gautneb, H., Gjelle, S., Heldal, T., Ihlen, P., Korneliussen, A., Lund, B., Meyer, G., Sandstad, J.S., Schiellerup, H., Slagstad, T., Solli, A., Ulvik, A. & Wolden, K.:** Sluttrapport for Rogalandsprogrammet 2000-05. NGU Rapport 2006.011. URL: [http://www.ngu.no/FileArchive/235/2006\\_011.pdf](http://www.ngu.no/FileArchive/235/2006_011.pdf)
- Neeb, P.R.:** Mineral resources in Norway. The Norwegian mining and quarrying industry in 2005. NGU Report 2006.048. URL: [http://www.ngu.no/FileArchive/91/bergindustrien\\_ENG\\_2005.pdf](http://www.ngu.no/FileArchive/91/bergindustrien_ENG_2005.pdf)
- Neeb, P.R.:** Mineralressurser i Norge. Bergindustrien i 2005. NGU Rapport 2006.047. URL: [http://www.ngu.no/FileArchive/235/2006\\_047.pdf](http://www.ngu.no/FileArchive/235/2006_047.pdf)
- Neeb, P.R.:** Norway's coastal aggregates. Export in 2005 and potential. NGU Report 2006.046. URL: [http://www.ngu.no/FileArchive/235/2006\\_046.pdf](http://www.ngu.no/FileArchive/235/2006_046.pdf)

- Ulvik, A.** & Erichsen, E.: Delprosjekt 1 og 2 - steinkvalitet og sporutvikling i veidekker (SIV). NGU Rapport 2005.081. URL: [http://www.ngu.no/FileArchive/227/2005\\_081.pdf](http://www.ngu.no/FileArchive/227/2005_081.pdf)
- Ulvik, A.** & Riiber, K.: Ressursregnskap for sand, grus og pukk i Oslo og Akershusfylke 2003. NGU Rapport 2006.005. URL: [http://www.ngu.no/FileArchive/235/2006\\_005.pdf](http://www.ngu.no/FileArchive/235/2006_005.pdf)
- Ulvik, A.** & Riiber, K.: Ressursregnskap for sand, grus og pukk i Østfold fylke 2003. NGU Rapport 2006.004. URL: [http://www.ngu.no/FileArchive/235/2006\\_004.pdf](http://www.ngu.no/FileArchive/235/2006_004.pdf)
- Ulvik, A.** & Wolden, K.: Sand- og grusundersøkelser ved Torgård, Trondheim kommune. NGU Rapport 2006.094. URL: [http://www.ngu.no/FileArchive/235/2006\\_094.pdf](http://www.ngu.no/FileArchive/235/2006_094.pdf)
- Wolden, K.:** Sand-, grus- og pukkkressurser på Jæren, grunnlagsmateriale for fylkesdelplanen, Rogaland fylke. NGU Rapport 2006.032. URL: [http://www.ngu.no/FileArchive/235/2006\\_032.pdf](http://www.ngu.no/FileArchive/235/2006_032.pdf)
- Wolden, K.,** Dagestad, A. & Dalsegg, E.: Sand, grus- og grunnvannsundersøkelser på Eggemoen, Ringerike kommune. NGU Rapport 2006.055. URL: [http://www.ngu.no/FileArchive/235/2006\\_055.pdf](http://www.ngu.no/FileArchive/235/2006_055.pdf)
- Wolden, K.** & Ulvik, A.: Sand, grus og pukk som byggeråstoff: grunnlagsmateriale for revisjon av kommuneplanens arealdel, Ringerike kommune. NGU Rapport 2006.003. URL: [http://www.ngu.no/FileArchive/235/2006\\_003.pdf](http://www.ngu.no/FileArchive/235/2006_003.pdf)

## **Industrimineraler og mineral karakterisering**

- Bjerkgård, T.,** Marker, M. & Gagama, M.V.: The Mofjellet Mine: results of diamond drilling 2005. NGU Report 2006.058. Confidential
- Gautneb, H.:** Mineralogical and chemical investigations of a sample from the Seqi olivine deposit, Greenland. NGU Report 2006.016. Confidential
- Gautneb, H.:** Oversikt over kalksteinsforekomster i GEOS-området (Geologi i Oslo regionen). NGU Rapport 2006.036. URL: [http://www.ngu.no/FileArchive/235/2006\\_036.pdf](http://www.ngu.no/FileArchive/235/2006_036.pdf)
- Ihlen, P.M.,** Furuhaug, L. & Korneliussen, A.: Prøvetaking av potensielt gullmineraliserte soner på Finnliaksla, Bindal kommune, Nordland. NGU Rapport 2006.073. Fortrolig
- Ihlen, P.M.,** Raaness, A., Korneliussen, A., Skår, Ø, Müller, A. & Meyer, G.: Rekognoserende undersøkelser av et utvalg potensielle mineralressurser i Fritzøe Skoger. NGU Rapport 2006.030. Fortrolig
- Korneliussen, A.** & Raaness, A.: Oppfølgende undersøkelser av zirkon i Fritzøe skoger. NGU Rapport 2006.091. Fortrolig
- Korneliussen, A.,** Wanvik, J.E., Müller, A. & Ihlen, P.: Kystnære kvartsressurser i Hordaland. NGU Rapport 2006.045. URL: [http://www.ngu.no/FileArchive/235/2006\\_045.pdf](http://www.ngu.no/FileArchive/235/2006_045.pdf)
- Müller, A.:** Chemistry of quartz from the Knaben locality. NGU Report 2005.090. Confidential
- Müller, A.,** Ihlen, P. & Kronz, A.: Potential resources of quartz and feldspar raw material in Sørland IV: Relationships between quartz, feldspar and mica chemistry and pegmatite type. NGU Rapport 2005.075. URL: [http://www.ngu.no/FileArchive/227/2005\\_075.pdf](http://www.ngu.no/FileArchive/227/2005_075.pdf)
- Wanvik, J.E.:** Kvartsitter ved Kilsfjorden, Kragerø: supplerende undersøkelser. NGU Rapport 2006.062. URL: [http://www.ngu.no/FileArchive/235/2006\\_062.pdf](http://www.ngu.no/FileArchive/235/2006_062.pdf)

**Wanvik, J.E. & Ihlen, P.M.:** Raudberget kvartsförekomst i Snåsa kommune. NGU Rapport 2006.034. URL: [http://www.ngu.no/FileArchive/235/2006\\_034.pdf](http://www.ngu.no/FileArchive/235/2006_034.pdf)

## **Landskap og klima**

**Beylich, A.A.:** Fourth ESF SEDIFLUX Science Meeting & First Workshop of I.A.G./A.I.G. SEDIBUD. NGU Report 2006.069. URL: [http://www.ngu.no/FileArchive/235/2006\\_069.pdf](http://www.ngu.no/FileArchive/235/2006_069.pdf)

## **Maringeologi**

**Christensen, O., Totland, O. & Olsen, H.:** Bunntypekartlegging i forbindelse med bruk og vern av sjøområdene mellom Rauøy og Hvaler, Østfold. NGU Rapport 2006.035. URL: [http://www.ngu.no/FileArchive/235/2006\\_035.pdf](http://www.ngu.no/FileArchive/235/2006_035.pdf)

**Olsen, H.A., Lepland, A. & Thorsnes, T.:** Geo-data og marint biologisk mangfold. Tolkningsgrunnlag, definisjoner og referanser til maringeologiske data. NGU Rapport 2006.001. URL: [http://www.ngu.no/FileArchive/235/2006\\_001.pdf](http://www.ngu.no/FileArchive/235/2006_001.pdf)

## **Miljøgeokjemi**

**Andersson, M. & Haugland, T.:** Kartlegging av jordforurensning i 12 barnehager i Stavanger. NGU Rapport 2006.080. URL: [http://www.ngu.no/FileArchive/235/2006\\_080.pdf](http://www.ngu.no/FileArchive/235/2006_080.pdf)

**Andersson, M., Haugland, T., Ottesen, R.T., Volden, T. & Jartun, M.:** Kartlegging av jordforurensning i 18 barnehager i bydel Grünerløkka (utenfor ring 2). NGU Rapport 2006.064. URL: [http://www.ngu.no/FileArchive/235/2006\\_064.pdf](http://www.ngu.no/FileArchive/235/2006_064.pdf)

**Bjervamoen, S.G., Bjørk, T.B., Elgen, M., Gaut, S., Hauan, G., Herman, S., Ilestad, I., Johnsen, C.C., Knapstad, H., Nordløkken, M., Stoeckert, K., Stokkan, T. & Ottesen, R.T.:** Spredning av miljøgifter fra tetteflater i Trondheim. NGU Rapport 2006.024. URL: [http://www.ngu.no/FileArchive/235/2006\\_024.pdf](http://www.ngu.no/FileArchive/235/2006_024.pdf)

**Haugland, T., Andersson, M., Volden, T. & Jartun, M.:** Kartlegging av jordforurensning i 25 barnehager i bydel Gamle Oslo (utenfor ring 2). NGU Rapport 2006.063. URL: [http://www.ngu.no/FileArchive/235/2006\\_063.pdf](http://www.ngu.no/FileArchive/235/2006_063.pdf)

**Haugland, T., Ottesen, R.T., Volden, T. & Gaut, S.:** Jordforurensning i barnehager innenfor Ring 2: del 2. NGU Rapport 2006.028. URL: [http://www.ngu.no/FileArchive/235/2006\\_028.pdf](http://www.ngu.no/FileArchive/235/2006_028.pdf)

**Haugland, T., Ottesen, R.T., Volden, T. & Gaut, S.:** Jordundersøkelser på Friluftsetatens lekeplasser i Oslo. NGU Rapport 2005.072. URL: [http://www.ngu.no/FileArchive/227/2005\\_072.pdf](http://www.ngu.no/FileArchive/227/2005_072.pdf)

**Haugland, T., Sæther, O.M. & Ottesen, R.T.:** Bromerte flammehemmere og ftalater i byjord fra indre Oslo. NGU Rapport 2006.027. URL: [http://www.ngu.no/FileArchive/235/2006\\_027.pdf](http://www.ngu.no/FileArchive/235/2006_027.pdf)

**Jartun, M.:** Datarapport fra oppfølgende undersøkelser av PAH (16)-konsentrasjoner i 3 asfaltkjerner fra Kristiansand og Oslo. NGU Rapport 2006.065. URL: [http://www.ngu.no/FileArchive/235/2006\\_065.pdf](http://www.ngu.no/FileArchive/235/2006_065.pdf)

**Jartun, M. & Jørgensen, T.:** Kartlegging av PCB, PAH og tungmetaller i asfaltdekker fra områdene Kristiansand, Oslo og Bergen. NGU Rapport 2006.029. URL: [http://www.ngu.no/FileArchive/235/2006\\_029.pdf](http://www.ngu.no/FileArchive/235/2006_029.pdf)

**Jartun, M. & Volden, T.:** Jordforurensning i Harstad. NGU Rapport 2006.014. URL: [http://www.ngu.no/FileArchive/235/2006\\_014.pdf](http://www.ngu.no/FileArchive/235/2006_014.pdf)

- Jartun, M.,** Volden, T. & Alexander, J.: Jordforurensning i Odda. NGU Rapport 2006.023. URL: [http://www.ngu.no/FileArchive/235/2006\\_023.pdf](http://www.ngu.no/FileArchive/235/2006_023.pdf)
- Jensen, H.K.B.** & Finne, T.E.: Temporal variations 1995-2005 for heavy metals, arsenic and PAH in the humus layer in Pasvik and Jarfjord, Finnmark County, Norway. NGU Report 2006.017. URL: [http://www.ngu.no/FileArchive/235/2006\\_017.pdf](http://www.ngu.no/FileArchive/235/2006_017.pdf)
- Ottesen, R.T.** & Haugland, T.: Miljøundersøkelse i Alnabruområdet: et forprosjekt til "Aktsomhetskart for jordforurensning i Oslo". NGU Rapport 2006.009. URL: [http://www.ngu.no/FileArchive/235/2006\\_009.pdf](http://www.ngu.no/FileArchive/235/2006_009.pdf)

## Naturstein

- Lindahl, I.** & Bjerkgård, T.: Naturstein i Vesterålen og Lofoten. NGU Rapport, 2006.092. Fortrolig
- Lindahl, I.** & Nilsson, L.P.: Geologisk oversikt over Linnajavri-området fra kartleggingen 2000-2006. NGU Rapport 2006.093. URL: [http://www.ngu.no/FileArchive/235/2006\\_093.pdf](http://www.ngu.no/FileArchive/235/2006_093.pdf)

## Regional kartlegging

- Gjelle, S.:** Geologisk kartlegging av NorStones brudd og det planlagte tilleggsområdet, Askøy, Hordaland. NGU Rapport 2006.051. Fortrolig
- Nordgulen, Ø,** Bargel, T., Longva, O., Olesen, O. & Ottesen, D.: A Preliminary study of Lofoten as a potential World Heritage Site based on natural criteria. NGU Report 2005.086. URL: [http://www.ngu.no/FileArchive/227/2005\\_086.pdf](http://www.ngu.no/FileArchive/227/2005_086.pdf)
- Olsen, L.,** Sveian, H., Riiber, K., Bergstrøm, B. & Tønnesen, J.F.: Leirkartlegging i Troms: kvartærgeologien ved Spåkenes, Olderdalen, Trollvik og Lyngseidet sør : et grunnlag for videre skredfarekartlegging i kommunene Nordreisa, Kåfjord og Lyngen. NGU Rapport 2005.015. URL: [http://www.ngu.no/FileArchive/227/2005\\_015.pdf](http://www.ngu.no/FileArchive/227/2005_015.pdf)
- Sveian, H.,** Bergstrøm, B., Olsen, L. & Tønnesen, J.F.: Leirkartlegging i Troms: kvartærgeologien ved Sandstrand, Ånstad og Ibestad i kommunene Skånland og Ibestad : et grunnlag for videre skredfarekartlegging. NGU Rapport 2005.018. URL: [http://www.ngu.no/FileArchive/227/2005\\_018.pdf](http://www.ngu.no/FileArchive/227/2005_018.pdf)

## Skred

- Blikra, L.H.,** Anda, E., Høst, J. & Longva, O.: Åknes/Tafjord-prosjektet: Sannsynlighet og risiko knyttet til fjellskred og flodbølger fra Åknes og Hegguraksla. NGU Rapport 2006.039. URL: [http://www.ngu.no/FileArchive/235/2006\\_039.pdf](http://www.ngu.no/FileArchive/235/2006_039.pdf)
- Blikra, L.H.,** Eiken, T., Henderson, I. & Ganerød, G.: Forprosjekt fjellskred i Troms - status 2005. NGU Rapport 2006.040. URL: [http://www.ngu.no/FileArchive/235/2006\\_040.pdf](http://www.ngu.no/FileArchive/235/2006_040.pdf)
- Dehls, J.F.:** Permanent scatterer InSAR processing: Forsmark. NGU Report 2005.083. URL: [http://www.ngu.no/FileArchive/227/2005\\_083.pdf](http://www.ngu.no/FileArchive/227/2005_083.pdf)
- Eilertsen, R.,** Hansen, L. & Totland, O.: Erosjon og utglidninger i Glomma fra Øyeren til nordre Hammaren - sonarundersøkelser. NGU Rapport 2005.073. URL: [http://www.ngu.no/FileArchive/227/2005\\_073.pdf](http://www.ngu.no/FileArchive/227/2005_073.pdf)

- Hansen, L.,** Stalsberg, K., Sletten, K. & Olsen, L.: Løsmassekartlegging som grunnlag for leirskredsundersøkelser langs Stjørdalselva mellom Turifossen og Gudå, Meråker kommune, Nord-Trøndelag. NGU Rapport 2005.004. URL: [http://www.ngu.no/FileArchive/227/2005\\_004.pdf](http://www.ngu.no/FileArchive/227/2005_004.pdf)
- Henderson, I.H.C.,** Saintot, A. & Derron, M.H.: Structural mapping of potential rockslide sites in the Storfjorden area, western Norway: the influence of bedrock geology on hazard analysis. NGU Report 2006.052. URL: [http://www.ngu.no/FileArchive/235/2006\\_052.pdf](http://www.ngu.no/FileArchive/235/2006_052.pdf)
- Sletten, K.,** Follestad, B., Stalsberg, K., Sveian, H. & Derron, M.H.: Potensielt skredfarlige områder i Bergen kommune: delrapport 1. NGU Rapport 2006.043. URL: [http://www.ngu.no/FileArchive/235/2006\\_043.pdf](http://www.ngu.no/FileArchive/235/2006_043.pdf)
- Stalsberg, K.,** Derron, M.H. & Sletten, K.: Gradient analyse av Askøy kommune. NGU Rapport 2006.079. URL: [http://www.ngu.no/FileArchive/235/2006\\_079.pdf](http://www.ngu.no/FileArchive/235/2006_079.pdf)

### **Sokkelgeofysikk**

- Braitenberg, C. & Ebbing, J.:** A study of large-scale basins and comparison to the Eastern Barents Sea basins. NGU Report 2006.081. Confidential
- Ebbing, J.,** Osmundsen, P.T. & Pascal, C.: 3D modelling of gravity and magnetic data in the Trøndelag Platform. NGU Report 2006.082. Confidential
- Løvås, L.,** Mogaard, J.O., Olesen, O., Koziel, J. & Lynum, R.: Southern Nordkapp basin aeromagnetic survey 2006 (SNAS-06). Data acquisition and processing report. NGU Report 2006.089. Confidential
- Mogaard, J.O.:** Data Acquisition and processing - Helicopter Geophysical Survey, Bamble. NGU Report 2006.021. Confidential
- Mogaard, J.O.:** Data Acquisition and processing - Helicopter geophysical survey, Skjækerdalen 2006, Nord-Trøndelag. NGU Report 2006.041. Confidential
- Olesen, O.,** Balling, N., Barrere, C., Breiner, N., Davidsen, B., Ebbing, J., Elvebakk, H., Gernigon, L., Koziel, J., Midttømme, K., Nordgulen, Ø, Olsen, L., Pascal, C., Ramstad, R.K., Rendall, H.O., Rønning, J.S., Skilbrei, J.R., Slagstad, T. & Wissing, B.: KONTIKI Report 2005-2006, Continental Crust and Heat Generation in 3D. NGU Report 2006.059. Confidential
- Olesen, O.,** Gernigon, L., Ebbing, J., Mogaard, J.O., Pascal, C. & Wienecke, S.: Interpretation of aeromagnetic data along the Jan Mayn fracture zone, JAS-05. NGU Report 2006.018. Confidential
- Pascal, C. & Midttømme, K.:** Impact of recent glacial erosion on subsurface temperatures: the Mid-Norwegian margin. NGU Report 2006.088. Confidential

## EKSTERN PUBLISERING

### *Eksterne rapporter*

#### **Geodynamikk**

**Smethurst, M.A.**, Strand, T., Finne, T.E. & Sundal, A.V.: Gammaspektrometriske flymålinger og radon. Anvendelse av gammaspektrometriske fly- og helikoptermålinger til identifisering av radonutsatte områder - analyse basert på målinger på Østlandet. Strålevern Rapport 2006:12. URL: [http://www.nrpa.no/archive/Internett/Publikasjoner/Stralevernrapport/2006/StralevernRapport\\_12\\_2006.pdf](http://www.nrpa.no/archive/Internett/Publikasjoner/Stralevernrapport/2006/StralevernRapport_12_2006.pdf)

#### **Internasjonal virksomhet**

**Bingen, B.**, Bjerkgård, T., Boyd, R., Engvik, A., Grenne, T., Henderson, I., Lutro, O., Melezhik, V., Motuza, G., Nordgulen, Ø, Often, M., Sandstad, J.S., Smelror, M., Solli, A., Stein, H., Sæther, O.M., Thorsnes, T., Tveten, E., Viola, G., Bauer, W., Dunkley, P., Gonzalez, E., Hollick, L., Jacobs, J., Key, R.M., Smith, R.A., Thomas, R.J., Jamal, D., Catuane, F., de Azavedo, S., Feitio, P., Fumo, P., Manhica, V., Manuel, S., Moniz, A., Njange, F., Rossi, D., de S. Soares, H., Tembe, D., Uachave, B. & Zandamela, E.: Mineral resources management capacity building project – Mozambique. Component no. 2: Geological Infrastructure Development Project, Geological mapping (Lot 1). *Report No. B6.f*. Sheet explanation: 1039 Muidine, 1040 Palma, 1134 Ponte Messuli, 1135 Lupilichi, 1136 Milepa, 1137 Macalange, 1138, Negomano, 1139 Mueda, 1140 Moçimboa da Praia, 1234 Metangula, 1235 Macaloge-Chiconono, 1236 Mavago, 1237 Mecula, 1238 Xixano, 1239 Meluco, 1240 Quissinga-Pemba, 1334 Meponda, 1335 Lichinga, 1336 Majune, 1337 Marrupa, 1338 Namuno, 1339 Montepuez, 1340 Mecufi, 1435 Mandimba, 1436 Cuamba, 1437 Malema, 1438 Ribau-Mecuburi, 1535 Insaca, 1536 Gurué, 1635 Milange, 1636 Lugela-Mocuba. Norconsult,

**Smethurst, M.A.**, Gaina, C. & Redfield, T.: Mineral resources management capacity building project – Mozambique. Component no. 2: Geological Infrastructure Development Project, Geological mapping (Lot 1 Geophysical interpretation). Report Norconsult, No. B3.

#### **Maringeologi**

**Al-Hamdani, Z.** & Christensen, O.: Marine landscape concept and application - a literature review. BALANCE Interim report <http://balance-eu.org/>

**Vanaverbeke, J.**, Bellec, V., Bonne, W., Deprez, T., Hostens, K., Mpulaert, I., Van Lancker, V. & Vincx, M.: Study of post-ecological effects in the Kwintebank sand dredging area (SPEEK). Final report. Ghent University, EV/02/38A.

## Naturstein

- Grenne, T.** & Heldal, T.: Soapstone deposits of the southern Helgeland region, Nordland county, Norway. PNASTINA report (Promotion of Natural Stone Industry in the Northern Areas, <http://www.pnastina.se/>)
- Heldal, T.**, Lindahl, I. & Melezhik, V.: Marble deposits in the Salten region, Nordland county, Norway. PNASTINA report (Promotion of Natural Stone Industry in the Northern Areas, <http://www.pnastina.se/>)
- Lindahl, I.**, Nilsson, L.P. & Furuhaug, L.: The soapstone deposits in the Linnajavri area, Hamarøy municipality, Nordland county - the largest deposit area in Norway - a resource of natural importance. PNASTINA report (Promotion of Natural Stone Industry in the Northern Areas, <http://www.pnastina.se/>)

## Regional kartlegging

- Olsen, L.**, Sveian, H. & Vatne, G.: 1-day field excursion in the Trondheim region – deglaciation history, glacial rebound, clay slide history and recent fluvial environment. ESF Sediflux and IAG/AIG Sedibud. Geological Survey of Norway. Field guide, 24 pp.
- Viola G.** & Venvik Ganerød G.: Structural analysis of brittle deformation zones in the Simpevarp-Laxemar area, Oskarshamn, southeast Sweden. SKB P-06-xxx. Svensk Kärnbränslehantering AB.
- Nordgulen, Ø.** & Saintot, A.: The character and kinematics of deformation zones (ductile shear zones, fault zones and fracture zones) at Forsmark – report from phase 1. SKB P-06-212. Svensk Kärnbränslehantering AB.

## Skred

- Bargel, T.**, Bergstrøm, B., Olsen, L., Reite, A. & Sveian, H.: Beskrivning till de kvartärgeologiska kartorna inom Mittnordenområdet. SGU Rapporter och meddelanden, 125, 123 s.

## Geologiske kart

### Internasjonal virksomhet

*Berggrunnsgeologiske kart, M 1:250 000: Mineral resources management capacity building project – Mozambique. Component no. 2: Geological infrastructure development project, geological mapping (Lot 1). Ministry of Mineral resources, Mozambique:*

**Key, R.**, Smith, R., Sæther, O.M. & Zandamela, E.: Sheets 1039 Muidine and 1040 Palma. Digital cartography: O. Lutro.

**Henderson, I.**, Bjerkgård, T., Grenne, T., Melezhik, V., Sandstad, J.S., Solli, A., Key, R., Smith, R., Jamal, D., Lima, J., Manhica, V., Manuel, S. & Moniz, A.: Sheets 1134 Ponta Messuli and 1135 Lupilichi. Digital cartography: O. Lutro.

**Sandstad, J.S.**, Bjerkgård, T., Boyd, R., Henderson, I., Grenne, T., Melezhik, V., Solli, A., Key, R., Smith, R., Jamal, D., Catuane, F., Manica, V., Manuel, S. & Moniz, A.: Sheet 1136 Milepa. Digital cartography: O. Lutro.

**Bjerkgård, T.**, Boyd, R., Key, R., Smith, R., Kampine, M., Manuel, S., Moniz, A. & Zandemela, E.: Sheet 1137 Macalange. Digital cartography: O. Lutro.

- Henderson, I.**, Bjerkgård, T., Boyd, R., Melezhik, V., Sandstad, J.S., Solli, A., Key, R., Smith, R., Jamal, D., Lima, J., Moniz, A. & Niange, F.: Sheet 1138 Negomano. Digital cartography: O. Lutro.
- Sandstad, J.S.**, Key, R., Smith, R., Bjerkgård, T., Boyd, R., Solli, A., Sæther, O.M., de Azevedo, S., Njange, F., Rosse, D. & Zandamela, E.: Sheet 1139 Mueda. Digital cartography: O. Lutro.
- Smith, R.**, Key, R., Bjerkgård, T., Sæther, O.M., Thorsnes, T., Powell, J. & Zandamela, E.: Sheet 1140 Mocimboa da Praia. Digital cartography: O. Lutro.
- Henderson, I.**, Solli, A., Bjerkgård, T., Boyd, R., Grenne, T., Melezhik, V., Sandstad, J.S., Solli, A., Tveten, E., Key, R., Smith, R., Jamal, D., Catuane, F., Lima, J., Manhica, V., Manuel, S. & Moniz, A.: Sheets 1234 Metangula and 1235 Macaloge-Chiconono. Digital cartography: O. Lutro.
- Sandstad, J.S.**, Bjerkgård, T., Boyd, R., Henderson, I., Tveten, E., Key, R., Smith, R., Jamal, D., Catuane, F., Lima, J., Manhica, V., Manuel, S. & Moniz, A.: Sheet 1236 Mavago. Digital cartography: O. Lutro.
- Bjerkgård, T.**, Bingen, B., Bjerkgård, T., Boyd, R., Henderson, I., Sandstad, J.S., Solli, A., Key, R., Smith, R., Lima, J. & Moniz, A.: Sheet 1237 Mecula. Digital cartography: O. Lutro.
- Henderson, I.**, Bjerkgård, T., Often, M., Sandstad, J.S., Solli, A., Key, R., Smith, R., Moniz, A. & Njange, F.: Sheet 1238 Xixano. Digital cartography: O. Lutro.
- Solli, A.**, Bjerkgård, T., Boyd, R., Henderson, I., Melezhik, V., Sandstad, J.S., Key, R., Smith, R., Jamal, D., de Azevedo, S., Feitio, P., Njange, F., Rosse, D.: Sheet 1239 Meluco. Digital cartography: O. Lutro.
- Smith, R.**, Solli, A., Bjerkgård, T., Boyd, R., Sandstad, J.S., Smelror, M., Sæther, O.M., Thorsnes, T., Key, R., Smith, R., de Azevedo, S., Njange, F., Rosse, D. & Zandamela, E.: Sheet 1240 Qissinga-Pemba. Digital cartography: O. Lutro.
- Tveten, E.**, Bjerkgård, T., Braathen, A., Boyd, R., Grenne, T., Sandstad, J.S., Solli, A., Key, R., Smith, R., Kampine, M., Manuel, S., Moniz, A. & Zandemela, E.: Sheets 1334 Meponda and 1335 Lichinga. Digital cartography: O. Lutro.
- Tveten, E.**, Bjerkgård, T., Henderson, I., Nordgulen, Ø., Sandstad, J.S., Solli, A., Key, R., Smith, R., Jamal, D., Catuane, F., Lima, J. & Moniz, A.: Sheet 1336 Majune. Digital cartography: O. Lutro.
- Bjerkgård, T.**, Bingen, B., Bjerkgård, T., Boyd, R., Henderson, I., Sandstad, J.S., Solli, A., Tveten, E., Key, R., Smith, R., Manuel, S. & Moniz, A.: Sheet 1337 Marrupa. Digital cartography: O. Lutro.
- Henderson, I.**, Bingen, B., Bjerkgård, T., Boyd, R., Often, M., Sandstad, J.S., Solli, A., Moniz, A. & Njange, F.: Sheet 1338 Namuno. Digital cartography: O. Lutro.
- Bjerkgård, T.**, Bingen, B., Boyd, R., Henderson, I., Often, M., Sandstad, J.S., Solli, A., Moniz, A. & Njange, F.: Sheet 1339 Montepuez. Digital cartography: O. Lutro.
- Bjerkgård, T.**, Key, R., Boyd, R., Sandstad, J.S., Smelror, M., Solli, A., Sæther, O.M., Thorsnes, T., Key, R., Smith, R., Jamal, D., de Azevedo, S., Njange, F., Rosse, D. & Zandamela, E.: Sheet 1340 Mecufi. Digital cartography: O. Lutro.
- Key, R.**, Gonzalez, E.G., Dunkley, P.N., Soares, H. S.: Sheets 1435 Mandimba and 1436 Cuamba. Digital cartography: O. Lutro.

- Thomas, R. J.**, Jacobs, J., Hollick, L.M., Viola, G., Bingen, B., Motuza, G., Manuel, S., Feitio, P., Fumo, C., de Azevedo, S.: Sheet 1437 Malema. Digital cartography: O. Lutro.
- Thomas, R. J.**, Jacobs, J., Hollick, L.M., Viola, G., Bingen, B., Motuza, G., Manuel, S., Feitio, P., Fumo, C., de Azevedo, S.: Sheet 1438 Ribaue-Mecuburi. Digital cartography: O. Lutro.
- Thomas, R. J.**, Jacobs, J., Hollick, L.M., Gonzales, E.C., Bauer, W., Motuza, G., Manuel, S., Tembe, D., Uachave, B. de Sousa Soares, H. & Manhica, V.: Sheets 1535 Insaca and 1536 Gurué. Digital cartography: O. Lutro.
- Thomas, R. J.**, Jacobs, J., Hollick, L.M., Gonzales, E.C., Bauer, W., Motuza, G., Manuel, S., Tembe, D., Uachave, B. de Sousa Soares, H. & Manhica, V.: Sheet 1635 Milange. Digital cartography: O. Lutro.
- Thomas, R. J.**, Jacobs, J., Hollick, L.M., Gonzales, E.C., Bauer, W., Motuza, G., Manuel, S., Tembe, D., Uachave, B. de Sousa Soares, H. & Manhica, V.: Sheet 1636 Lugela-Mocuba. Digital cartography: O. Lutro.

## ***Publikasjoner***

### **Fjellanlegg og grunnvarme**

- Ganerød, G.V.**, Rønning, J.S., Dalsegg, E., Elvebakk, H., Holmøy, K., Nilsen, B. & Braathen, A.: Comparison of geophysical methods for sub-surface mapping of faults and fracture zones in a section of the Viggja road tunnel, Norway. *Bull.Eng.Geol.Env.*, 65, 3, 231-243.
- Green, A.G.**, Maurer, H.-R., Spillmann, T., Heincke, B. & Willenberg, H.: High-resolution geophysical techniques for improving hazard assessments of unstable rock slopes. *The Leading Edge*, 25, 3, 311-316.
- Heincke, B.**, Green, A.G., van der Kruk, J. & Willenberg, H.: Fracture detection using a semblance-based migration algorithm for 3-D surface georadar data. *Near Surface Geophysics*, 4, 2, 79-88.
- Heincke, B.**, Maurer, H.-., Green, A.G., Willenberg, H., Spillmann, T. & Burlini, L.: Characterizing an unstable mountain slope using shallow 2D and 3D seismic tomography. *Geophysics*, 71, 6, B241-B256.
- Saintot, A.**, Brunet, M.-., Yakovlev, F., Sébrier, M., Stephenson, R., Ershov, A., Chalot-Prat, F. & McCann, T.: The Mesozoic-Cenozoic tectonic evolution of the Greater Caucasus. In: Gee, D.G. & Stephenson, R.A. : *European Lithosphere Dynamics*, Geological Society of London, *GSL Memoirs*, 32, 277-289
- Saintot, A.**, Stephenson, R., Stovba, S., Brunet, M.-., Yegorova, T. & Starostenko, V.: The south margin of the East European continent: its evolution during the Palaeozoic and Early Mesozoic. In: Gee, D.G. & Stephenson, R.A.: *European Lithosphere Dynamics*, Geological Society of London, *GSL Memoirs*, 32, 481-505
- Slagstad, T.**: Did hot, high heat-producing granites determine the location of the Oslo Rift? *Tectonophysics*, 412, 1-2, 105-119.
- Slagstad, T.**, Melezhik, V.A., Kirkland, C.L., Zwaan, K.B., Roberts, D., Gorokhov, I.M. & Fallick, A.E.: Carbonate isotope chemostratigraphy suggests revisions to the geological history of the West Finnmark Caledonides, northern Norway. *Journal of the Geological Society*, 163, 277-289.

## Geodynamikk

- Brown, B.,** Gaina, C. & Müller, R.D.: Circum-Antarctic palaeobathymetry: Illustrated examples from Cenozoic to recent times. *Paleogeogr.Paleoclimatol.Paleoecol.*, 231, 1-2, 158-168.
- Buiter, S.J.H.,** Babeyko, A.Y., Ellis, S., Gerya, T.V., Kaus, B.J.P., Kellner, A., Schreurs, G. & Yamanda, Y.: The numerical sandbox; comparison of model results for a shortening and an extension experiment. *Geological Society Special Publications*, 253, 29-64.
- Buiter, S.J.H.** & Schreurs, G.: Analogue and numerical modelling of crustal-scale processes. *Geological Society of London Special publication. Geological Society Special Publications*, 253, 440 pp.
- Cocks, L.R.M.** & Torsvik, T.H.: European geography in a global context from the Vendian to the end of Palaeozoic. In: Gee, D.G. & Stephenson, R.A. : *European Lithosphere Dynamics*, Geological Society of London, Geological Society memoir, 32, 83-95
- Corfu, F.,** Torsvik, T.H., Andersen, T.B., Ashwal, L.D., Ramsay, D.M. & Roberts, R.J.: Early Silurian mafic-ultramafic and granitic plutonism in contemporaneous flysch, Mageroy, northern Norway: U-Pb ages and regional significance. *Journal of the Geological Society*, 163, 291-301.
- Gaina, C.,** Brown, B. & Müller, R.D.: The evolution of Circum-Antarctic oceanic crust since the Cretaceous. *Terra Antarctica Report*, 12, 105-109.
- Roberts, R.J.,** Corfu, F., Torsvik, T.H., Ashwal, L.D. & Ramsay, D.M.: Short-lived mafic magmatism at 560-570 Ma in the northern Norwegian Caledonides: U-Pb zircon ages from the Seiland Igneous Province. *Geol.Mag.*, 143, 6, 887-903.
- Rousse, S.,** Kissel, C., Laj, C., Eiriksson, J. & Knudsen, K.L.: Holocene centennial to millennial-scale climatic variability: Evidence from high-resolution magnetic analyses of the last 10 cal kyr off North Iceland (core MD99-2275). *Earth Planet.Sci.Lett.*, 242, 3-4, 390-405.
- Schreurs, G.,** Buiter, S.J.H., Boutelier, D., Corti, G., Costa, E., Cruden, A.R., Daniel, J.-., Hoth, S., Koyi, H., Kukowski, A.N., Lohrmann, J., Ravaglia, A., Schlische, R.W., Withjack, M.O., Yamada, Y., Cavozi, C., Delventisette, C., Elder Brady, J., Hoffmann-Rothe, A., Mengus, J.-., Montanari, D. & Nilforoushan, F.: Analogue benchmarks of shortening and extension experiments. *GSL Special Publications*, 253, 1-27.
- Steinberger, B.** & Antretter, M.: Conduit diameter and buoyant rising speed of mantle plumes: Implications for the motion of hot spots and shape of plume conduits. *Geochemistry Geophysics Geosystems*, 7, Q11018.
- Steinberger, B.** & Calderwood, A.R.: Models of large-scale viscous flow in the Earth's mantle with constraints from mineral physics and surface observations. *Geophysical Journal International*, 167, 3, 1461-1481.
- Torsvik, T.H.,** Smethurst, M.A., Burke, K. & Steinberger, B.: Large igneous provinces generated from the margins of the large low-velocity provinces in the deep mantle. *Geophysical Journal International*, 167, 3, 1447-1460.
- Torsvik, T.H.** & Steinberger, B.: Fra kontinentaldrift til manteldynamikk. *Geo*, 8, 20-30.
- Xie, X.N.,** Müller, R.D., Li, S.T., Gong, Z.S. & Steinberger, B.: Origin of anomalous subsidence along the Northern South China Sea margin and its relationship to dynamic topography. *Mar.Pet.Geol.*, 23, 7, 745-765.

## Grunnvann

- Banks, D.** & Frengstad, B.: Evolution of groundwater chemical composition by plagioclase hydrolysis in Norwegian anorthosites. *Geochim.Cosmochim.Acta*, 70, 6, 1337-1355.
- Cramer, J.:** Ny web-portal: Grunnvann i Norge. *VA-Bulletin*, 1, 15.
- Gaut, S.:** Nytt prosjekt ved NGU - "klausulering rundt løsmassebrønner". *VA-Bulletin*, 2, 15.
- Gundersen, P.** & Gaut, S.: Grunnvann, del II. Miljø og helse (Forum for miljø og helse), 25, 1.
- Jæger, Ø.**, Grimstvedt, A., Frengstad, B. & Reimann, C.: Groundwater contamination from well points - An experience from the Norwegian groundwater monitoring network. *Sci.Total Environ.*, 367, 1, 437-440.

## Grus og pukk

- Dahl, R.:** Hva er egentlig geoturisme? *GEO*, 9, 1, 9.
- De Vree, R.T.**, Vonk, N.J.F., Haverkort, R., Van der Aar, P.J.C., Bakker, J.D. Van den Berg, J.W., Bouquet, G.C., Broekmans, M.A.T.M., De Bruijn, W.A., Creemers, P.W.J.M., Dieleman, W.A., Jansen, J.B.H., Kouwenhoven, H.A.P., Nijland, T.G., Rijnsburger, H.A., Sagel, R., Soen, H.H.M., Strijdonk, H.J., Vega, E. & Buist, W.: CUR-Recommandation 89: Measures to prevent concrete damage by the alkali-silica reaction. 2nd revised ed. Centre for Civil Engineering Research Codes (CUR), Gouda, Netherlands, pp. 48
- Neeb, P.R. :** Byggeråstoffene. Faktaark. In: Ramberg, I.B., Bryhni, I. & Nøttvedt, A. : Landet blir til. Norges geologi, Norsk geologisk forening, 530-531
- Neeb, P.R.:** Rogaland størst også på bergindustri. *GEO*, 9, 4, 9.
- Tømmervik, H.**, Erikstad, L., Jacobsen, K.O., Strann, K.B., Bakkestuen, V., Aarrestad, P.A., Yoccoz, N., Hagen, D., Johnsen, T.V., Johansen, B., Høgda, K., Ahmed, S.H., Dahl, R., Bargel, T. & Olsen, L.: Long-term effects of military training on the environment in Troms County. *Polar research in Tromsø 200512-13*. URL: [http://npweb.npolar.no/filearchive/cwobjekter\\_netsted\\_prit\\_nr1\\_2005.pdf](http://npweb.npolar.no/filearchive/cwobjekter_netsted_prit_nr1_2005.pdf)
- Wolden, K.** & Thoresen, M.: Istid - vårt landskap formes. *Doktortjønna friluftspark*, Røros, 10 s.

## Industrimineraler og mineralkarakterisering

- Broekmans, M.A.T.M. :** Sample representativity: effects of size and preparation on geochemical analysis. In: Fournier, B.: Marc-André Bérubé Symposium on alkali-aggregate reactivity in concrete, 1-19
- Klopprogge, J.T.**, Broekmans, M., Duong, L.V., Martens, W.N., Hickey, L. & Frost, R.L.: Low temperature synthesis and characterisation of lecontite, (NH<sub>4</sub>)Na(SO<sub>4</sub>)center dot 2H(2)O. *J.Mater.Sci.*, 41, 11, 3535-3539.
- Müller, A.**, Seltmann, R., Halls, C., Siebel, W., Dulski, P., Jeffries, T., Spratt, J. & Kronz, A.: The magmatic evolution of the Land's End pluton, Cornwall, and associated pre-enrichment of metals. *Ore Geology Reviews*, 28, 3, 329-367.
- Müller, A.**, Thomas, R., Wiedenbeck, M., Seltmann, R. & Breiter, K.: Water content of granitic melts from Cornwall and Erzgebirge: A Raman spectroscopy study of melt inclusions. *European Journal of Mineralogy*, 18, 4, 429-440.

## Internasjonal virksomhet

- Jamal, D.** & Sandstad, J.S.: Excursion guide M2 - Cabo Delgado. Post-colloquium field trip. 21<sup>st</sup> Colloquium of African Geology (CAG21), Maputo, Mosambique, July. 40 pp.
- Melezhik, V.A.**, Kuznetsov, A.B., Fallick, A.F., Smith, R.A., Gorokhov, I.M., Jamal, D. & Catuane, F.: Depositional environments and an apparent age for the Geci meta-limestones: Constraints on the geological history of northern Mozambique. *Precambrian Res.*, 148, 1-2, 19-31.
- Smelror, M.**, Key, R., Daudi, E. & Njange, F.: Frontier with high expectations. *GeoExpro2*, 14-18. URL: [http://aviser.imaker.no/data/f/0/34/73/4\\_5301\\_0/Exploration\\_14-18.pdf](http://aviser.imaker.no/data/f/0/34/73/4_5301_0/Exploration_14-18.pdf)

## Landskaps- og klimautvikling

- Anderson, P.**, Bermike, O., Bigelow, N., Brigham-Grette, J., Duvall, M., Edwards, M., Frechette, B., Funder, S., Johnsen, S., Knies, J., Koerner, R., Lozhkin, A., Marshall, S., Matthiessen, J., Macdonald, G., Miller, G., Montoya, M., Muhs, D., Otto-Bliesner, B., Overpeck, J., Reeh, N., Sejrup, H.P., Spielhagen, R., Turner, C., Velichko, A. & CAPE-Last Interglacial Project Mem: Last Interglacial Arctic warmth confirms polar amplification of climate change. *Quaternary Science Reviews*, 25, 13-14, 1383-1400.
- Beylich, A.A.**: The first science meeting of the European Science Foundation (ESF) Network SEDIFLUX - sedimentary source-to-sink-fluxes in cold environments. *Geomorphology*, 80, 1-2, 1-2.
- Beylich, A.A.**(ed.): Fourth ESF SEDIFLUX Science Meeting and First Workshop of I.A.G./A.I.G. SEDIBUD: Source-to-Sink-Fluxes and Sediment Budgets in Norway. *NGF Abstracts and Proceedings*, 4, 85.
- Beylich, A.A.**(ed.) : SEDIFLUX - Sedimentary Source-to-Sink-Fluxes in Cold Environments. First ESF SEDIFLUX Science Meeting, Saudarkrokur, Iceland. *Geomorphology*. *Geomorphology*, 80, 1-2, 146 s.
- Beylich, A.A.**, Etienne, S., Etzelmüller, B., Gordeev, V.V., Kayhko, J., Rachold, V., Russell, A.J., Schmidt, K.H., Sæmundsson, P., Tweed, F.S. & Warburton, J.: The European Science Foundation (ESF) Network SEDIFLUX - An introduction and overview. *Geomorphology*, 80, 1-2, 3-7.
- Beylich, A.A.**, Sandberg, O., Molau, U. & Wache, S.: Intensity and spatio-temporal variability of fluvial sediment transfers in an Arctic-oceanic periglacial environment in northernmost Swedish Lapland (Latnjavagge catchment). *Geomorphology*, 80, 1-2, 114-130.
- Beylich, A.A.**, Schmidt, K.H., Neuvonen, S., Forbrich, I. & Schildt, A.: Solute fluxes in the Kidisjoki catchment, subarctic Finnish Lapland. *Geomorphologie: relief, processus, environment*, 3, 205-212.
- Birks, H.H.**, Larsen, E. & Birks, H.J.B.: On the presence of late-glacial trees in western Norway and the Scandes: a further comment. *J.Biogeogr.*, 33, 2, 376-377.
- Demidov, I.N.**, Houmark-Nielsen, M., Kjær, K.H. & Larsen, E.: The last Scandinavian Ice Sheet in northwestern Russia: ice flow patterns and decay dynamics. *Boreas*, 35, 3, 425-443.
- Fabel, D.**, Fink, D., Fredin, O., Harbor, J., Land, M. & Stroeven, A.P.: Exposure ages from relict lateral moraines overridden by the Fennoscandian ice sheet. *Quatern.Res.*, 65, 1, 136-146.

- Grøsfjeld, K.**, Funder, S., Seidenkrantz, M.S. & Glaister, C.: Last interglacial marine environments in the White Sea region, northwestern Russia. *Boreas*, 35, 3, 493-520.
- Hebbeln, D.**, Knudsen, K.L., Gyllencreutz, R., Kristensen, P., Klitgaard-Kristensen, D., Backman, J., Scheurle, C., Jiang, H., Gil, I., Smelror, M., Jones, P.D. & Sejrup, H.P.: Late Holocene coastal hydrographic and climate changes in the eastern North Sea. *Holocene*, 16, 7, 987-1001.
- Jensen, M.**, Larsen, E., Demidov, I.N., Funder, S. & Kjær, K.H.: Depositional environments and sea-level changes deduced from Middle Weichselian tidally influenced sediments, Arkhangelsk region, northwestern Russia. *Boreas*, 35, 3, 521-538.
- Kjær, K.H.**, Larsen, E., Demidov, I.N. & Funder, S.(eds.): Late quaternary in northwestern Russia. *Boreas*. *Boreas*, 35, 3, 391-599.
- Kjær, K.H.**, Larsen, E., Demidov, I.N. & Funder, S.: Late quaternary in northwestern Russia - Introduction. *Boreas*, 35, 3, 391-393.
- Kjær, K.H.**, Larsen, E., Funder, S., Demidov, I.N., Jensen, M., Hakansson, L. & Murray, A.: Eurasian ice-sheet interaction in northwestern Russia throughout the late Quaternary. *Boreas*, 35, 3, 444-475.
- Kjær, K.H.**, Larsen, E., van der Meer, J., Ingólfsson, Ó, Krüger, J., Benediktsson, Í Ö, Knudsen, C.G. & Schomacker, A.: Subglacial decoupling at the sediment/bedrock interface: a new mechanism for rapid flowing ice. *Quaternary Science Reviews*, 25, 21-22, 2704-2712.
- Knudsen, C.G.**, Larsen, E., Sejrup, H.P. & Stalsberg, K.: Hummocky moraine landscape on Jaeren, SW Norway - implications for glacier dynamics during the last deglaciation. *Geomorphology*, 77, 1-2, 153-168.
- Lambeck, K.**, Purcell, A., Funder, S., Kjær, K.H., Larsen, E. & Møller, P.: Constraints on the Late Saalian to early Middle Weichselian ice sheet of Eurasia from field data and rebound modelling. *Boreas*, 35, 3, 539-575.
- Larsen, E.**, Kjær, K.H., Demidov, I.N., Funder, S., Grøsfjeld, K., Houmark-Nielsen, M., Jensen, M., Linge, H. & Lyså, A.: Late Pleistocene glacial and lake history of northwestern Russia. *Boreas*, 35, 3, 394-424.
- Larsen, E.**, Kjær, K.H., Jensen, M., Demidov, I.N., Hakansson, L. & Paus, A.: Early Weichselian palaeoenvironments reconstructed from a mega-scale thrust-fault complex, Kanin Peninsula, northwestern Russia. *Boreas*, 35, 3, 476-492.
- Lekens, W.A.H.**, Sejrup, H.P., Haflidason, H., Knies, J. & Richter, T.: Meltwater and ice rafting in the southern Norwegian Sea between 20 and 40 calendar kyr BP: Implications for Fennoscandian Heinrich events. *Paleoceanography*, 21, 3, PA3013.
- Linge, H.**, Larsen, E., Kjær, K.H., Demidov, I.N., Brook, E.J., Raisbeck, G.M. & Yiou, F.: Cosmogenic Be-10 exposure age dating across Early to Late Weichselian ice- marginal zones in northwestern Russia. *Boreas*, 35, 3, 576-586.
- Otto-Bliesner, B.L.**, Marshall, S.J., Overpeck, J.T., Miller, G.H., Hu, A., Anderson, P., Bennike, O., Bigelow, N., Brigham-Grette, J., Duvall, M., Edwards, M., Frechette, B., Funder, S., Johnsen, S., Knies, J., Koerner, R., Lozhkin, A., MacDonald, G., Matthiessen, J., Montoya, M., Muhs, D., Reeh, N., Sejrup, H.P. & Turner, C. Velichko, A.: Simulating Arctic Climate Warmth and Icefield Retreat in the Last Interglaciation. *Science*, 311, 5768, 1751-1753.
- Rubensdotter, L.**: Alpine lake sediment archives and catchment geomorphology; casual relationships and implications for palaeoenvironmental reconstructions.

Thesis. Stockholm University, 100 pp. <http://www.diva-portal.org/su/theses/abstract.xsql?dbid=945>

- Stroeven, A.P.**, Harbor, J., Fabel, D., Kleman, J., Hättestrand, C., Elmore, D., Fink, D. & Fredin, O.: Slow, patchy landscape evolution in northern Sweden despite repeated ice-sheet glaciation. In: Willet, S.D., Hovius, N., Brandon, M.T. & Fisher, D. : Tectonics, climate, and landscape evolution, Geological Society of America, Special paper. Penrose Conference Series, 398, 387-396
- Thomas, P.J.**, Murray, A.S., Kjær, K.H., Funder, S. & Larsen, E.: Optically Stimulated Luminescence (OSL) dating of glacial sediments from Arctic Russia - depositional bleaching and methodological aspects. *Boreas*, 35, 3, 587-599.

## **Maringeologi**

- Bøe, R.** : Work Package 4, Case study Mid-Norway. In: Chadwick, A., Arts, R., Bernstone, C., May, S., Thibeau, S. & Zweigel, P.: Best practice for the storage of CO<sub>2</sub> in saline aquifers - observations and guidelines from the SACS and CO<sub>2</sub>STORE projects, Statoil, <http://www.co2store.org/>
- Chand, S.**, Minshull, T.A., Priest, J.A., Best, A.I., Clayton, C.R.I. & Waite, W.F.: An effective medium inversion algorithm for gas hydrate quantification and its application to laboratory and borehole measurements of gas hydrate-bearing sediments. *Geophysical Journal International*, 166, 2, 543-552.
- Chen, Y.**: Methane-derived carbonates from the Gulf of Mexico and the Nankai Trough: are they related to gas hydrate dissociation? PhD, University of Tokyo,
- Christensen, O.**: Sushimap - Survey strategy and methodology for marine habitat mapping. Doktoravhandling ved NTNU, 2006:64, 210 s.
- Dowdeswell, J.A.**, Ottesen, D. & Rise, L.: Flow switching and large-scale deposition by ice streams draining former ice sheets. *Geology*, 34, 4, 313-316.
- Dypvik, H.**, Smelror, M., Sandbakken, P.T., Salvigsen, O. & Kalleson, E.: Traces of the marine Mjølner impact event. *Palaeogeography Palaeoclimatology Palaeoecology*, 241, 3-4, 621-636.
- Løvø, G.** & Lepland, A.: Til bunns i Oslofjorden. *Geo*, 9, 6, 34-36.
- Ottesen, D.** & Dowdeswell, J.A.: Assemblages of submarine landforms produced by tidewater glaciers in Svalbard. *Journal of Geophysical Research-Earth Surface*, 111, F1, F01016.
- Ottesen, D.** & Rise, L.: Isstrømmer formet sokkelens øverste lag. *Geo*, 9, 6, 16-22
- Rise, L.**, Bøe, R., Sveian, H., Lyså, A. & Olsen, H.: The deglaciation history of Trondheimsfjorden and Trondheimsleia, Central Norway. *Norwegian Journal of Geology*, 86, 419-438
- Rise, L.**, Ottesen, D., Longva, O., Solheim, A., Andersen, E.S. & Ayers, S.: The Sklinnadjupe slide and its relation to the Elsterian glaciation on the mid-Norwegian margin. *Mar.Pet.Geol.*, 23, 5, 569-583.
- Røsjø, B.**, Bøe, R. & Prøsch-Danielsen, L.: Da tsunamien rammet Rennesøy. *Geo*, 9, 4, 26-30.
- Smelror, M.** & Dypvik, H.: The sweet aftermath: Environmental changes and biotic restoration following the marine Mjølner impact (Volgian-Ryazanian boundary, Barents Shelf). In: Cockwell, C.S., Koeberl, C. & Gilmour, I.: Biological processes associated with impact events, Springer, Impact studies, 143-178
- Subrahmanyam, C.** & Chand, S.: Evolution of the passive continental margins of India - a geophysical appraisal. *Gondwana Research*, 10, 1-2, 167-178.

**Wilson, M.F.J.:** Deep sea habitat mapping using a remotely operated vehicle: Mapping and modelling seabed terrain and benthic habitat at multiple scales in the Pocupine Seabight, SW Ireland. PhD Thesis, National University of Ireland, 266 s.

## **Miljøgeokjemi**

- Andersson, M. & Ottesen, R.T. :** Dioksininnhold i overflatejord fra Trondheim. *Vann*, 41, 4, 358-373.
- Bjerke, J.W.,** Tømmervik, H., Finne, T.E., Jensen, H. K. B., Lukina, N. & Bakkestuen, V.: Epiphytic lichen distribution and plant leaf heavy metal concentrations in Russian-Norwegian boreal forests influenced by air pollution from nickel-copper smelters. *Boreal Env. Res.*, 11, 6, 441-450.
- Haugland, T. & Grimstvedt, A.:** Store variasjoner i analyseresultater mellom kommersielle laboratorier - konsekvenser for miljøtekniske undersøkelser. *Vann*, 41, 3, 237-246.
- Jensen, H.,** Reimann, C., Finne, T.E., Ottesen, R.T. & Arnoldussen, A.: PAH-concentrations and compositions in the top 2 cm of forest soils along a 120 km long transect through agricultural areas, forests and the city of Oslo, Norway. *Environmental Pollution*, 145, 3, 829-838.
- Langedal, M. & Ottesen, R.T. :** Ren jord et kvalitetskriterium for barnehager? *Miljø og helse*, 2, 17-19.
- Mielke, H.W.,** Powell, E.T., Gonzales, C.R., Mielke, P.W., Ottesen, R.T. & Langedal, M.: New Orleans soil lead (Pb) cleanup using Mississippi River alluvium: Need, feasibility, and cost. *Environ.Sci.Technol.*, 40, 8, 2784-2789.
- Reimann, C.,** Arnoldussen, A., Boyd, R., Finne, T.E., Nordgulen, Ø, Volden, T. & Englmaier, P.: The influence of a city on element contents of a terrestrial moss (*Hylocomium splendens*). *Sci.Total Environ.*, 369, 1-3, 419-432.
- Reimann, C. & Niskavaara, H.:** Regional distribution of Pd, Pt and Au emissions from the nickel industry on the Kola Peninsula, NW-Russia, as seen in moss and humus samples. In: Zereini, F. & Alt, F.: *Palladium emissions in the Environment. Analytical Methods, Environmental Assessment and Health Effects*, Springer, 53-70
- Tekle-Haimanot, R.,** Melaku, Z., Kloos, H., Reimann, C., Fantaye, W., Zerihun, L. & Bjorvatn, K.: The geographic distribution of fluoride in surface and groundwater in Ethiopia with an emphasis on the Rift Valley. *Sci.Total Environ.*, 367, 1, 182-190.

## **Naturstein**

- Grenne, T. & Slack, J.F.:** Geochemistry of Jasper Beds from the Ordovician Løkken Ophiolite, Norway: Origin of Proximal and Distal Siliceous Exhalites. *Economic geology*, 100, 8, 1511-1527.
- Heldal, T.:** Stein som handelsvare. Hva klebersteinsbruddene kan fortelle oss. In: Førsum, F.B. : *Stein som handelsvare: Rapport fra fagseminar, Hyllestad kommune*, 16-25. [http://www.kvernstein.no/hyllestadseminar\\_2005\\_.pdf](http://www.kvernstein.no/hyllestadseminar_2005_.pdf)
- Heldal, T.,** Jansen, Ø J. & Storemyr, P.: Stein og steinbrudd i Norge: en gjennomgang. In: Østensen, P.Ø. : *Kulturvern ved bergverk 2006 - rapport fra et nasjonalt seminar i Egersund og Sokndal, Norsk Bergverksmuseum Skriftserie*, 34, 5-20

## Regional kartlegging

- Bird, P.**, Ben-Avraham, Z., Schubert, G., Andreoli, M. & Viola, G.: Patterns of stress and strain rate in southern Africa. *Journal of Geophysical Research-Solid Earth*, 111, B8, B08402.
- Biske, N.C.**, Medvedev, P.V., Melezhik, V.A., Romashkin, A.E., Rychanchik, D.V. & Filippov, M.M.: Atlas of textures and microstructures of shungite-bearing rocks from the Onega Basin. Eds., Filippov, M.M. and Melezhik, V.A. Petrozavodsk, "Scandinavia", 80 pp.
- Brattli, B.**, Rokoengen, K. & Smelror, M.: Eksotiske ("unge") steiner fra morener nord for Snåsavatnet. *Kumuro, Årsskrift for Snåsa Historielag*, 27, 66-77.
- Engvik, A.K.** & Elvevold, S.: Late Pan-African fluid infiltration in the Muhlig-Hofmann- and Filchnerfjella of central Dronning Maud Land, East Antarctica. *International Symposium on Antarctic Earth Sciences*, 9, 55-62.
- Fabian, K.**: Approach to saturation analysis of hysteresis measurements in rock magnetism and evidence for stress dominated magnetic anisotropy in young mid-ocean ridge basalt. *Physics of the Earth and Planetary Interiors* 154, 299-307.
- Fabian, K.**: A linear theory of physical properties in inhomogeneous sediments and its application to relative paleointensity determination. *eEarth Discussion* 1, 51-62.
- Gustavson, K.** & Olsen, L.: Depositional origin of an adverse delta surface slope at Altemarka, northern Norway. *Norwegian Journal of Geography* 60, 129-138.
- Heslop, D.**, Witt, A., Kleiner, T. & Fabian, K.: The role of magnetostatic interactions in sediment suspensions, *Geophysics Journal International* 165, 775-785.
- Krása, D.** & Fabian, K.: Hysteresis measurements in rock magnetism, In: *Encyclopedia of Geomagnetism and Paleomagnetism*, edited by E. Herrero-Bervera and D. Gubbins, Kluwer Academic Publishers, Dordrecht, 2006.
- McCammion, C. A.**, McEnroe S.A. & Robinson, P.: The nature of iron in contact layers hematite-ilmenite: New insights into lamellar magnetism. *Annual Report 2005, Bayerisches Geoinstitut, Universität Bayreuth, Germany*, p. 75-76.
- McEnroe, S.A.**, Hemant, K. & Skilbrie, J.R.: Magnetic contributions of minerals at the surface and at depth in the crust: comparing anomaly maps from aeromagnetic and satellite data from Scandinavia, *Proceedings from the 1<sup>st</sup> International SWARM workshop, Nantes, France European Space Agency*, WPP-261.
- McEnroe, S.A.**, Robinson, P., Heidelbach, F. & Hirt, A.M.: Combined crystallographic, magnetic, and polishing techniques prepares natural hemo-ilmenite for magnetic experiment. *Annual Report 2005, Bayerisches Geoinstitut, Universität Bayreuth, Germany*, p. 177-179.
- Melezhik, V.A.**: Multiple causes of Earth's earliest global glaciation. *Terra Nova*, 18, 2, 130-137.
- Melezhik, V.A.**, Kuznetsov, A.B., Fallick A.F., Smith, R.A., Gorokhov I.M., Jamal, D. & Catuane, F.: Depositional environments and an apparent age for the Geci meta-limestones: Constraints on the geological history of northern Mozambique. *Precambrian Research* 148, 19-31.
- Nordgulen, Ø.** & Andresen, A.: Jordas urtid. In: Ramberg, I.B., Bryhni, I. & Nøttvedt, A. : *Landet blir til - Norges geologi*, Norsk geologisk forening, 62-119
- Olovyanishnikov, V.G.**, Roberts, D. & Siedlecka, A. 2006: Geological evolution of the Varanger-Kanin-Timan fold belt (in Russian) *Timpebar monograph*, VSEGEI, St.Petersburg.

- Pokrovsky, B.G.,** Melezhik, V.A. & Bujakaite, M.I.: Carbon, oxygen, strontium, and sulfur isotopic compositions in late Precambrian rocks of the Patom Complex, central Siberia: Communication 1. Results, isotope stratigraphy, and dating problems. *Lithology and Mineral Resources*, 41, 5, 450-474.
- Pokrovsky, B.G.,** Melezhik, V.A. & Bujakaite, M.I.: Carbon, oxygen, strontium, and sulfur isotopic compositions in late Precambrian rocks of the Patom Complex, central Siberia: Communication 2. Nature of carbonates with ultralow and ultrahigh delta C-13 values. *Lithology and Mineral Resources*, 41, 6, 576-587.
- Robinson, P.,** Harrison R.J. & McEnroe, S.A.: Fe<sup>2+</sup> / Fe<sup>3+</sup> charge ordering in contact layers of lamellar magnetism: bond valence arguments. *American Mineralogist* 91, 67-72.
- Robinson, P.,** Harrison R.J. & McEnroe, S.A.: Fe<sup>2+</sup> / Fe<sup>3+</sup> charge ordering in contact layers of lamellar magnetism: bond valence arguments. *American Mineralogist* (correction).
- Robinson, P.,** Heidelbach, F., Hirt, A.M., McEnroe, S.A. & Brown, L.L.: Crystallographic-magnetic correlations in single crystal haemo-ilmenite: New evidence for lamellar magnetism. *Geophysical Journal International* 165, 17-31.
- Robinson, P.,** Heidelbach, F., Hirt, A.M., McEnroe, S.A. & Brown, L.L.: Corrigendum. *Geophysical Journal International* 165, 1 p.
- Robinson, P. & Terry, M.P.:** Coarse-grained graphite calc-silicate rock enclosed in microdiamond-bearing garnet gneiss, Fjørtoft, Norway. *Annual Report 2005*, Bayerisches Geoinstitut, Universität Bayreuth, Germany, p. 124-126.
- Smelror, M.:** Dypere, varmere - og enda mer energi. *GEO*, 9, 7, 26-29.
- Smelror, M.:** Suksess med vitenskapelige boringer. *GEO*, 9, 6, 24-25.
- Sveian, H.,** Hansen, L., Solberg, I-L. & Rokoengen, K.: Veibygging avdekker skredhistorien. *GEO*, 3, 2006, 20-25.
- Viola, G.,** Mancktelow, N.S. & Miller, J.A.: Cyclic frictional-viscous slip oscillations along the base of an advancing nappe complex: Insights into brittle-ductile nappe emplacement mechanisms from the Naukluft Nappe Complex, central Namibia. *Tectonics*, 25, 3, TC3016.
- Wilson, R.W.,** McCaffrey, K.J.W., Holdsworth, R.E., Imber, J., Jones, R.R., Welbon, A.I.F. & Roberts, D.: Complex fault patterns, transtension and structural segmentation of the Lofoten Ridge, Norwegian margin: Using digital mapping to link onshore and offshore geology. *Tectonics*, 25, 4, TC4018.

## Skorpeprosesser

- Bierlein, F.P.,** Stein, H.J., Coira, B. & Reynolds, P.: Timing of gold and crustal evolution of the Palaeozoic south central Andes, NW Argentina - implications for the endowment of orogenic belts. *Earth Planet.Sci.Lett.*, 245, 3-4, 702-721.
- Bingen, B.,** Eide, E. & Stein, H.: Geochronology of orogenic processes: Crystal-chemical to continental scale interpretations. *Lithos*, 87, 3-4, V-VII.
- Bingen, B.,** Stein, H.J., Bogaerts, M., Bolle, O. & Mansfeld, J.: Molybdenite re-os dating constrains gravitational collapse of the Sveconorwegian orogen, SW Scandinavia. *Lithos*, 87, 3-4, 328-346.
- Hendriks, B.W.H. & Redfield, T.F.:** Reply to: Comment on "Apatite Fission Track and (U-Th). *Earth Planet.Sci.Lett.*, 248, 1-2, 569-577.
- Osmundsen, P.T.,** Eide, E.A., Haabesland, N.E., Roberts, D., Andersen, T.B., Kendrick, M., Bingen, B., Braathen, A. & Redfield, T.F.: Kinematics of the

Hoybakken detachment zone and the More-Trondelag Fault Complex, central Norway. *Journal of the Geological Society*, 163, 303-318.

- Raith, J.G.** & Stein, H.J.: Variscan ore formation and metamorphism at the Felbertal scheelite deposit (Austria): constraining tungsten mineralisation from Re-Os dating of molybdenite. *Contrib.Mineral.Petrol.*, 152, 4, 505-521.
- Stein, H.**, Hannah, J., Zimmerman, A. & Markey, R.: Mineralization and deformation of the Malankhand terrane (2,490-2,440 Ma) along the southern margin of the Central Indian Tectonic Zone. *Miner.Deposita*, 40, 6-7, 755-765.
- Stein, H.J.:** Low-rhenium molybdenite by metamorphism in northern Sweden: Recognition, genesis, and global implications. *Lithos*, 87, 3-4, 300-327.

## Skred

- Hermanns, R.L.**, Blikra, L.H., Naumann, M., Nilsen, B., Panthi, K.K., Stromeyer, D. & Longva, O.: Examples of multiple rock-slope collapses from Kofels (Otz valley, Austria) and western Norway. *Eng.Geol.*, 83, 1-3, 94-108.
- Høst, J.:** Store fjellskred i Norge. Utredning for Landbruks- og matdepartementet på vegne av 6 departementer. 87 s. [http://www.e-norway.no/filarkiv/295307/Fjellskred\\_i\\_Norge2.pdf](http://www.e-norway.no/filarkiv/295307/Fjellskred_i_Norge2.pdf)
- Sveian, H.**, Hansen, L., Solberg, I.L. & Rokoengen, K.: Veibygging avdekker skredhistorien. *Geo*, 9, 3, 20-25.
- Vorren, T.O.**, Mangerud, J., Blikra, L.H., Nesje, A. & Sveian, H.: Norge trer fram. De siste 11 500 år. In: Ramberg, I.B., Bryhni, I. & Nøttvedt, A. : Landet blir til - Norges geologi, Norsk geologisk forening, 532-555

## Sokkelgeofysikk

- Barrère, C.** & Skilbrei, J.R.: Interpretation of potential field data in the area of the Loppa High, western Barents Sea, Norway. In: Contribution for geophysics and geodesy, Slovak Academy of Sciences, Geophysical Institute, Special issue, 61-79
- Braitenberg, C.**, Wienecke, S. & Wang, Y.: Basement structures from satellite-derived gravity field: South China Sea ridge. *Journal of Geophysical Research-Solid Earth*, 111, B5, B05407.
- Ebbing, J.**, Braitenberg, C. & Götze, H.J.: The lithospheric density structure of the Eastern Alps. *Tectonophysics*, 414, 1-4, 145-155.
- Ebbing, J.**, Lundin, E., Olesen, O. & Hansen, E.K.: The mid-Norwegian margin: a discussion of crustal lineaments, mafic intrusions, and remnants of the Caledonian root by 3D density modelling and structural interpretation. *Journal of the Geological Society*, 163, 47-59.
- Gernigon, L.**, Lucazeau, F., Brigaud, F., Ringenbach, J.C., Planke, S. & Le Gall, B.: A moderate melting model for the Voring margin (Norway) based on structural observations and a thermo-kinematical modelling: Implication for the meaning of the lower crustal bodies. *Tectonophysics*, 412, 3-4, 255-278.
- Mauring, E.** & Kihle, A.: Leveling aerogeophysical data using a moving differential median filter. *Geophysics*, 71, 1, L5-L11.
- McCann, T.**, Pascal, C., Timmerman, M.J., Krzywiec, P., López-Gómez, J., Krawczyk, C.M., Rieke, H. & Lamarche, J.: Post-Variscan (end Carboniferous-early Permian) basin evolution in Western and Central Europe. In: Gee, D.G. &

Stephenson, R.A. : European lithosphere dynamics, Geol. Soc. London, GSL Memoirs, 32, 355-388

**Pascal, C.:** On the role of heat flow, lithosphere thickness and lithosphere density on gravitational potential stresses. *Tectonophysics*, 425, 1-4, 83-99.

**Pascal, C. & Lombaerts, F. (eds.):** 1st TopoNorge Workshop. Geological Survey of Norway (NGU), Trondheim 6.-7. March 2006. NGF Abstracts and Proceedings. , 1, 32 pp.

**Pascal, C., Roberts, D. & Gabrielsen, R.H.:** Present-day stress orientations in Norway as deduced from stress-release features. In: Lu, M., Li, C.C., Kjørholt, H. & Dahle, H.: In-situ rock stress, measurements, interpretation and application, Taylor and Francis, 209-214

**Ramberg, I.B.:** ., Jansen, E., Olesen, O. & Torsvik, T.H.: Hva vil fremtiden bringe? Geofarer, klimaendringer og kontinentalforflytning. In: Ramberg, I.B., Bryhni, I. & Nøttvedt, A.: Landet blir til. Norges geologi, Norsk geologisk forening, 556-585

**Tasarova, Z., Götze, H.J., El-Kelani, R., Ebbing, J. & Hassouneh, M.:** Small-scale gravity modeling of upper crustal structures in the Araba Valley along the Dead Sea Transform. *Geochemistry Geophysics Geosystems*, 7, Q09012.

**Zanolla, C., Braitenberg, C., Ebbing, J., Bernabini, M., Bram, K., Gabriel, G., Götze, H.J., Giammetti, S., Meurers, B., Nicolich, R. & Palmieri, F.:** New gravity maps of the Eastern Alps and significance for the crustal structures. *Tectonophysics*, 414, 1-4, 127-143.

## **Geodataforvaltning**

**Iversen, S.:** Web Map Server - innhold og bruk. *Kart og Plan*, 66, 243-251.

**Ryghaug, P.:** Metadata - nøkkelen til geografisk informasjon. *Kart og Plan*, 66, 232-237.

## **Alment**

**Bjørlykke, A.:** Hva skal vi leve av i fremtiden? *Kronikk, Adresseavisen* 27.2.06

**Bjørlykke, A.:** Langsiktig energipolitikk. *Kronikk, Adresseavisen* 4.7.06

## Artikler/kronikker på nett

- Løvø, G.:** Bryggen i Bergen synker. Forskning.no, 25.1.06. URL: <http://www.forskning.no/Artikler/2006/januar/1138008117.37> [lesedato: 31.01.2007]
- Løvø, G.:** Elvebrudd rammer gammel storgård. Forskning.no, 8.1.06. URL: <http://www.forskning.no/Artikler/2006/januar/1136381117.26> [lesedato: 31.01.2007]
- Løvø, G.:** Hegguraksa truer Tafjorden. Forskning.no, 31.8.06. URL: <http://www.forskning.no/Artikler/2006/august/1156860400.13> [lesedato: 31.01.2007]
- Løvø, G.:** Ny oversikt over radonutsatte områder. Forskning.no, 31.10.06. URL: <http://www.forskning.no/Artikler/2006/oktober/1161780328.33> [lesedato: 31.01.2007]
- Løvø, G.:** Kadmiumforurensning i boligområder. Forskning.no, 11.4.06. URL: <http://www.forskning.no/Artikler/2006/april/1144235661.98> [lesedato: 31.01.2007]
- Løvø, G.:** Ressursjakt i sporene av Norges reise. Forskning.no, 23.2.06. URL: <http://www.forskning.no/Artikler/2006/februar/1140520912.41> [lesedato: 31.01.2007]
- Løvø, G.:** Selbu-stein ga brød til folket. Forskning.no, 22.11.06. URL: <http://www.forskning.no/Artikler/2006/november/1163610613.32> [lesedato: 31.01.2007]
- Løvø, G.:** Trondheim bygd på gammel sjøbunn. Forskning.no, 21.9.06. URL: <http://www.forskning.no/Artikler/2006/september/1158675488.84> [lesedato: 31.01.2007]
- Løvø, G., Blikra, L.H.:** Farlige fjell under overvåkning. Forskning.no, 31.8.06. URL: <http://www.forskning.no/Artikler/2006/august/1156861179.97> [lesedato: 31.01.2007]
- Løvø, G., Blikra, L.H.:** Kan rase i løpet av 100 år. Forskning.no, 6.6.06. URL: <http://www.forskning.no/Artikler/2006/juni/1149429100.22> [lesedato: 31.01.2007]
- Løvø, G., Blikra, L.H.:** - Større aktivitet enn jeg trodde. Forskning.no, 31.8.06. URL: <http://www.forskning.no/Artikler/2006/august/1156859640.7> [lesedato: 31.01.2007]
- Løvø, G., Heldal, T.:** Hugget kvernsteiner i vikingtiden. Forskning.no, 22.11.06. URL: <http://www.forskning.no/Artikler/2006/november/1163609150.08> [lesedato: 31.01.2007]
- Løvø, G., Heldal, T.:** Oldtidens steinbrudd på nett. Forskning.no, 26.3.06. URL: <http://www.forskning.no/Artikler/2006/mars/1142594476.62> [lesedato: 31.01.2007]
- Løvø, G., Larsen, E.:** Istiden kan ha fjernet olje og gass i nord. Forskning.no, 16.2.06. URL: <http://www.forskning.no/Artikler/2006/januar/1138615134.96> [lesedato: 31.01.2007]
- Løvø, G., Lepland, A.:** Til bunns i Oslofjorden. Forskning.no, 22.5.06. URL: <http://www.forskning.no/Artikler/2006/mai/1147775112.52> [lesedato: 31.01.2007]

- Løvø, G., Olesen, O.:** Avslører dårlige fjell. *Forskning.no*, 12.12.06. URL: <http://www.forskning.no/Artikler/2006/desember/1165409879.27> [lesedato: 31.01.2007]
- Løvø, G., Olesen, O.:** Avslører undergrunnen i Norskehavet. *Forskning.no*, 17.10.06. URL: <http://www.forskning.no/Artikler/2006/oktober/1160987456.57> [lesedato: 31.01.2007]
- Løvø, G., Slagstad, T.:** Varme granitter ga Oslo-riften. *Forskning.no*, 20.2.06. URL: <http://www.forskning.no/Artikler/2006/mars/1142500041.27> [lesedato: 31.01.2007]
- Løvø, G., Sletten, K.:** Kartlegger skredfare i Bergen. *Forskning.no*, 26.4.06. URL: <http://www.forskning.no/Artikler/2006/april/1145975212.03> [lesedato: 31.01.2007]
- Løvø, G., Torsvik, T.H.:** Jorden til bunns i planlagt senter. *Forskning.no*, 1.6.06. URL: <http://www.forskning.no/Artikler/2006/mai/1148300479.59> [lesedato: 31.01.2007]
- Reitan, E.P., Mortensen, L.B., Thorsnes, T.:** Kartlegger mangfold i Barentshavet. *Forskning.no* 16.4.06. URL: <http://www.forskning.no/Artikler/2006/april/1144307521.7> [lesedato: 31.01.2007]
- Smelror, M., Ormaasen, E., Larsen, G.B., Koren, T.:** Nye dinosaurspor funnet på Svalbard. *Forskning.no* 14.10.06. URL: <http://www.forskning.no/Artikler/2006/oktober/1160490394.04> [lesedato: 31.01.2007]
- Torsvik, T.H., Bjørlykke, A.:** Fortsatt tøv om platetektonikk. *Forskning.no* 18.12.06. URL: <http://www.forskning.no/Artikler/2006/desember/1166181908.67> [lesedato: 31.01.2007]
- Torsvik, T.H., Roaldset, E., Bjørlykke, A., Gabrielsen, R., Jamtveit, B.:** Tøvete om platetektonikk. *Kronikk. Forskning.no* 26.9.06. URL: <http://www.forskning.no/Artikler/2006/september/1159166676.8> [lesedato: 31.01.2007]

## FOREDRAG OG UNDERVISNING

### ***Fjellanlegg og grunnvarme***

- Elvebakk, H.:** Georadar and carbonates - experience from fieldwork in Italy and Spain 2005. Project meeting, Bergen, 17. jan.
- Elvebakk, H. & Rønning, J.S.:** Temperature logging 2005. Kontiki project Workshop, Lofoten, 21.-23. august.
- Ganerød, G.V., Dalsegg, E., Elvebakk, H., Rønning, J.S. & Blikra, L.H.:** Geological model of potential rockslide based on structural mapping, Surface geophysical data and borehole logging at Åknes, Western Norway. AGU Fall Meeting, San Francisco, 11-15 December. EOS Trans. AGU, 87, 52.
- Heincke, B., Jegen, M. & Hobbs, R.:** Joint inversion of 2-D seismic traveltimes tomography, MT and gravity data to resolve subbasalt structures. 66th German Geophysical Conference, Bremen, 6th-9th March.
- Heincke, B., Maurer, H.-., Green, A.G., Horstmeyer, H., Willenberg, H. & Spillmann, T.:** Shallow 2-D and 3-D seismic tomography on an unstable mountain slope. 12th European Meeting of Environmental and Engineering Geophysics (Near Surface 2006), Helsinki, 4th-6th September.
- Jegen, M., Heincke, B. & Hobbs, R.:** Joint inversion: A proper way to combine seismic tomography, gravity and MT data. 2nd Faroe Islands Exploration Conference, Thorshavn, 12th-14th September.
- Lecomte, I., Dietrich, M., Roth, M., Méric, O., Delarue, C. & Rønning, J.S.:** Active and Passive Seismic at the Unstable Rock Slide of Åknes (Norway). 12th European Meeting of Environmental and Engineering Geophysics (Near Surface 2006), Helsinki, 4th-6th September.
- Midttømme, K.:** Varmepumper - varmeopptakskrav of varmekilde. VVS-dagen, Lillestrøm, 19. oktober.
- Midttømme, K. & Ramstad, R.K.:** Eksempel på nasjonale og internasjonale grunnvarmeanlegg som benytter spennende løsninger med grunnvann. Det 15. Seminar om Hydrogeologi og Miljøgeokjemi, NGU, Trondheim, 7-8 februar. NGU Rapport, 2006.015, 28.
- Midttømme, K. & Ramstad, R.K.:** Status of UTES in Norway. Ecstock - The Tenth International Conference on Thermal Energy Storage, Richard Stockton College, New Jersey, USA, 31. mai - 2. juni.
- Midttømme, K., Ramstad, R.K., Rendall, H.O. & de Beer, H.:** Thermal conductivity measurements. Kontiki Project Workshop, Lofoten, 21-23 august.
- Olesen, O. & Rønning, J.S.:** Dypforvitring i Oslo-området. Geologimøte, Statens Vegvesen, Vegdirektoratet, 22. november.
- Ramstad, R.K., Hilmo, B.O. & Brattli, B.:** In-situ rock stress and construction of groundwater-based ground source energy plants. International Symposium on In-Situ Rock Stress, Trondheim, 18-24 June.
- Ramstad, R.K., Midttømme, K. & Rønning, J.S.:** Potensial for grunnvarme. GEOS informasjonsmøte, Oslo, 31. mai.
- Rønning, J.S.:** Airborne electromagnetic measurements at NGU. European EAM Workshop, Hanover, February 23rd-24th.
- Rønning, J.S.:** Fysikk og geofysikk. Forelesning. Kurs TPG 4100, NTNU, Trondheim, 8. november.

- Rønning, J.S.:** Geo-, snø- og breradar. Forelesning og øving. UNIS-kurs AT 309, Svalbard, 2.-10. mars.
- Rønning, J.S.:** Geophysics and borehole logging at Åknes. Status report 2006. Workshop ICG, Theme 1: Geophysics for Geohazards, NORSAR, Kjeller, 4.12.
- Rønning, J.S.:** NGUs undersøkelser ved Rogfast-prosjektet. Foredrag ved Geologimøte, Statens Vegvesen, Vegdirektoratet, 22. november.
- Rønning, J.S.,** Dalsegg, E. & Elvebakk, H.: Ground geophysics and borehole logging at Aaknes. Aaknes-Tafjord Workshop, NGU, Trondheim, 20-21 February.
- Rønning, J.S.,** Dalsegg, E., Elvebakk, H. & Ganerød, G.V.: Characterization of Fracture Zones in Bedrock by Means of 2D Resistivity. 68th EAGE Meeting, Vienna, Austria, June 12th-15th.
- Slagstad, T.:** Geologi for sprengnings- og anleggsbransjen. NFFs Sprengningskonferanse, Storefjell, 6.-8. mars.
- Slagstad, T.:** På steingrunn og leirgrunn i Trondheim - livet på bunnen. Foredrag for 1. klasse, Ringve vgs. NGU, Trondheim, 4. og 20. oktober.

## **Geodynamikk**

- Alvey, A.,** Gaina, C., Kuznir, N. & Torsvik, T.H.: Testing Plate Reconstructions For The High Arctic Using Crustal Thickness Mapping From Gravity Inversion. AGU Fall meeting, San Francisco, 11-15 December. EOS Trans. AGU, 87, 52,
- Buiter, S.:** Extensional basin formation and subsequent contractional inversion. Endogene Dynamikk, Aachen, Germany, June.
- Buiter, S.:** Numerical geodynamic modelling and the numerical sandbox. Shell Exploration and Production, Rijswijk, the Netherlands, July.
- Buiter, S.:** Numerical models of the formation and inversion of sedimentary basins. GNS Science, Lower Hutt, New Zealand, March.
- Buiter, S. & Pfiffner, A.:** Numerical Models of Basin Inversion: Controls on Localisation of Shortening. AGU Fall meeting, San Francisco, 11-15 December. EOS Trans. AGU, 87, 52,
- Buiter, S.,** Schreurs, G., Babeyko, A., Boutelier, D., Costa, E., Cruden, A., Daniel, J., Ellis, S., Gerya, T., Kellner, A., Koyi, H., Ravaglia, A., Yamada, Y., Cavozzi, C., Mengus, J. & Nilforoushan, F.: Comparison of Numerical and Analogue Models of Thrust Wedges. AGU Fall meeting, San Francisco, 11-15 December. EOS Trans. AGU, 87, 52,
- Buiter, S.J.H.,** Huismans, R.S. & Beaumont, C.: Mode selection during crustal extension expressed in the formation of sedimentary basins. EGU General Assembly, Vienna, Austria, 2-7 April 2006. Geophysical Research Abstracts, 8, 08681, <http://www.cosis.net/abstracts/EGU06/08681/EGU06-J-08681.pdf>
- Buiter, S.J.H.,** Pfiffner, A. & Torsvik, T.H.: Numerical models of basin inversion constrained by plate reconstructions. EGU General Assembly, Vienna, Austria, 2-7 April 2006. Geophysical Research Abstracts, 8, 08173, <http://www.cosis.net/abstracts/EGU06/08173/EGU06-J-08173.pdf>
- Burke, K.,** Torsvik, T.H., Smethurst, M.A. & Steinberger, B.: Plume Generation Zones (PGZs) at the Core-Mantle Boundary (CMB). AGU Fall meeting, San Francisco, 11-15 December. EOS Trans. AGU, 87, 52,
- Cocks, L.R.M. & Torsvik, T.H.:** Palaeozoic evolution of Siberia. Changing palaeogeographical and palaeobiogeographical patterns in the Ordovician and Silurian. University of Glasgow, September.

- Gaina, C.:** The evolution of oceanic crust since the Cretaceous. Towards and integrated data-modelling perspective of Miocene climate change - Workshop, Research Center Ocean Margins (RCOM), University of Bremen, Germany, June 19-22.
- Gaina, C.:** The evolution of oceanic crust since the Cretaceous, Eustacy and Global Carbon Budget. Alfred Wegener Institute, Bremerhaven, Germany, January.
- Gaina, C.:** Kinematics of the Arctic since the Jurassic. Arctic Workshop, Statoil, Harstad, June.
- Gaina, C.:** Mapping of continent-ocean transition and palaeo-bathymetry. Deposition and Preservation of Source Rocks and Oceanic Crust - Workshop, Statoil, Stavanger, November.
- Gaina, C.:** Opening of the Eurasian Basin and Tertiary evolution of the Laptev Sea region. Arctic Workshop, Statoil, Trondheim, June.
- Gaina, C.:** Searching for hidden Mesozoic crust in the magnetic data and implications for the plate motions and oceanic production rates. EGU General Assembly, Vienna, Austria, 2-7 April 2006. Geophysical Research Abstracts, 8, 03621, <http://www.cosis.net/abstracts/EGU06/03621/EGU06-J-03621.pdf>
- Gohl, K., Gaina, C. & Eagles, G.:** Late Cretaceous to present day formation of oceanic crust between Australia, Antarctica and Pacific illustrated by reconstructed free-air gravity and palaeo-bathymetry. 2nd SCAR Open Science Conference, Hobart, Australia, 12-14 July. [http://ncaor.gov.in/scar/zz/scar\\_pdf/SCARXXIX\\_0141.pdf](http://ncaor.gov.in/scar/zz/scar_pdf/SCARXXIX_0141.pdf)
- Heine, C., Müller, R.D. & Steinberger, B.:** Effects of dynamic topography on Australian Paleogeography in the Cenozoic. AGU Fall meeting, San Francisco, 11-15 December. EOS Trans. AGU, 87, 52,
- Heine, C., Müller, R.D., Steinberger, B. & Torsvik, T.H.:** Anomalous tectonic subsidence in intraplate basins. EGU General Assembly, Vienna, Austria, 2-7 April 2006. Geophysical Research Abstracts, 8, 05327, <http://www.cosis.net/abstracts/EGU06/05327/EGU06-J-05327-1.pdf>
- Meert, J.G., Walderhaug, H.J., Torsvik, T.H. & Hendriks, B.W.H.:** Age and palaeomagnetic signature of the Alnø Carbonatite Complex (NE Sweden): Additional Controversy for the Neoproterozoic Paleoposition of Baltica. AGU Fall meeting, San Francisco, 11-15 December. EOS Trans. AGU, 87, 52,
- Müller, R.D., Gaina, C. & Sdrolias, M.:** In search of the best model: Uncertainties in Mesozoic to present day plate kinematics and implications for global analysis. EGU General Assembly, Vienna, Austria, 2-7 April 2006. Geophysical Research Abstracts, 8, 05310, <http://www.cosis.net/abstracts/EGU06/05310/EGU06-J-05310.pdf>
- Müller, R.D., Sdrolias, M. & Gaina, C.:** A 4D Framework for Ocean Basin Paleodepths and Eustatic Sea Level Change. AGU Fall meeting, San Francisco, 11-15 December. EOS Trans. AGU, 87, 52,
- Redfield, T.F., Osmundsen, P.T. & Buiter, S.J.H.:** Post -rift uplift of passive margins. EGU General Assembly, Vienna, Austria, 2-7 April 2006. Geophysical Research Abstracts, 8, 03894, <http://www.cosis.net/abstracts/EGU06/03894/EGU06-J-03894.pdf>
- Redfield, T.F. & Scholl, D.W.:** Escape tectonics and platekinematics in the south central Alaska orocline. Chapman Conference: Active tectonics and seismic potential in Alaska, Girdwood, Alaska, 11-14 May.

- Redfield, T.F.**, Scholl, D.W., Beck, M.E. & Fitzgerald, P.G.: Escape tectonics in Alaska: past, present, and future. AGU Annual Meeting, San Francisco, 11-15 December.
- Rousse, S.**, Gilder, S., Fornari, M. & Sempere, T.: Insight into the Neogene kinematic development of the Northern Altiplano from Paleomagnetic and Geochronologic data. AGU Fall meeting, San Francisco, 11-15 December. EOS Trans. AGU, 87, 52,
- Scholl, D.W.M.** & Redfield, T.F.: Exploring the notion that entrance of the Yakutat Block into the eastern Alaska Subduction Zone accelerated escape tectonism southwestward toward the Aleutian Subduction Zone. Chapman Conference: Active tectonics and seismic potential in Alaska, Girdwood, Alaska, 11-14 May.
- Schreurs, G.**, Buitter, S., Ellis, S. & Osmundsen, P.T.: Models of the Formation of Extensional Fault Arrays. AGU Fall meeting, San Francisco, 11-15 December. EOS Trans. AGU, 87, 52,
- Selzer, C.**, Buitter, S.J.H. & Pfiffner, O.A.: Numerical modelling of frontal and basal accretion at convergent margins. 4th Swiss Geoscience Meeting, Bern, 24th-25th November.
- Selzer, C.**, Buitter, S.J.H. & Pfiffner, O.A.: Influence of surface processes, strain softening and mechanical heterogeneities on orogenic wedge growth. EGU General Assembly, Vienna, Austria, 2-7 April 2006. Geophysical Research Abstracts, 8, 06710, <http://www.cosis.net/abstracts/EGU06/06710/EGU06-J-06710-1.pdf>
- Smethurst, M.A.**, Strand, T., Finne, T.E. & Dehls, J.F.: Presentasjon av radonrisikokart basert på gammaspektrometriske fly- og helikoptermålinger, Oslofjordregionen. Geologi i miljø- og arealplanlegging, Oslo, 30.-31. mai.
- Steinberger, B.** & Holme, R.: Mantle flow models with core-mantle boundary constraints: Evidence for chemical heterogeneities in the lowermost mantle. 10th Symposium of SEDI, Prague, 9-14 July.
- Steinberger, B.**, O'Connell, R.J. & Torsvik, T.H.: Global plate motion reference frame based on model of hotspot motion. EGU General Assembly, Vienna, Austria, 2-7 April 2006. Geophysical Research Abstracts, 8, 01894, <http://www.cosis.net/abstracts/EGU06/01894/EGU06-J-01894-1.pdf>
- Torsvik, T.H.**: Palaeogeographic Reconstructions: Methods and Applications. University of Copenhagen, Geological Museum, November.
- Torsvik, T.H.**: Paleomagnetisme og platetektonikk. Doktorgradskurs (PG8201). NTNU, Trondheim, Høst.
- Torsvik, T.H.**, Burke, K., Steinberger, B. & Smethurst, M.A.: Structure within the D" zone and the origin of LIPS. 10th Symposium of SEDI, Prague, 9-14 July.
- Torsvik, T.H.**, Müller, R.D., Van der Voo, R., Steinberger, B. & Gaina, C.: A new global reference frame since the Carboniferous. EGU General Assembly, Vienna, Austria, 2-7 April 2006. Geophysical Research Abstracts, 8, 07300, <http://www.cosis.net/abstracts/EGU06/07300/EGU06-J-07300.pdf>
- Torsvik, T.H.**, Rousse, S., Redfield, T.F., Lundin, E., Steen, Ø & Fredsted, R.: Refined reconstructions on the opening of the South Atlantic: the Aptian Salt Enigma. EGU General Assembly, Vienna, Austria, 2-7 April 2006. Geophysical Research Abstracts, 8, 07828, <http://www.cosis.net/abstracts/EGU06/07828/EGU06-J-07828.pdf>
- Torsvik, T.H.**, Smethurst, M., Redfield, T.F. & Gaina, C.: Digital Earth: Development of advanced software and databases to integrate plate motions with

other datasets. AGU Fall meeting, San Francisco, 11-15 December. EOS Trans. AGU, 87, 52,

**Torsvik, T.H.** & Steinberger, B.: From plate tectonics to mantle dynamics A novel global plate motion frame since the Carboniferous. The 19<sup>th</sup> Kongsberg Seminar: Deformation on all scales (PGP), Kongsberg, 3-5 May.

**Werner, S.C.**, Kronberg, P., Hauber, E., Grott, M., Steinberger, B., Torsvik, T.H. & Neukum, G.: Ancient Tectonic and Volcanic Activity in the Tharsis Region. European Planetary Science Congress (Europlanet 1), Berlin, 18-22 September.

## **Grunnvann**

**Cramer, J.:** Forskning på grunnvann ved NGU. Norsk hydrologiråd fagtreff "Vannforskning 2006", Trondheim, 24. april.

**Cramer, J.:** Forvaltning av grunnvann. Kollokvium for geofag-studenter fra Univ. i Oslo, Trondheim, 9. mai.

**Cramer, J.:** Grunnvann og EUs Vanndirektiv: sentrale myndigheters aktiviteter og ansvar. Det 15. seminar om hydrogeologi og miljøgeokjemi, NGU, Trondheim, 7.-8. februar. NGU Rapport, 2006.015, 14.

**Cramer, J.:** Grunnvann og infiltrasjon. GEOS informasjonsmøte, Oslo, 30.-31. mai.

**Cramer, J.:** Grunnvann som skjult ressurs - utfordringer og muligheter. NORVARs fagtreff "Bruk av grunnvann", Voss, 8.-9. november.

**Cramer, J.** & Gaut, S.: Grunnvann i Norge på WEB. Det 15. seminar om hydrogeologi og miljøgeokjemi, NGU, Trondheim, 7.-8. februar. NGU Rapport, 2006.015, 31.

**Dagestad, A.:** Beskrivelse av hydrogeologiske forhold ved bruk av grunnvann. NORVARs fagtreff "Bruk av grunnvann", Voss, 8.-9. november.

**Dagestad, A.:** Grunnvann - den skjulte ressurs. Kurs i helhetlig vannforvaltning i bistanden, Fagernes, 27. november.

**de Beer, H.:** Dynamisk modellering av hydrogeologiske forhold ved Bryggen i Bergen. Kan Bryggen reddes? Det 15. seminar om hydrogeologi og miljøgeokjemi, NGU, Trondheim, 7.-8. februar. NGU Rapport, 2006.015, 28.

**De Beer, J.:** Bryggen on the World Heritage List since 1979. Saving historic buildings and infrastructure: the need for active groundwater management. International Conference on Sustainable Urban Development, Bergen, 24.-25. August.

**De Beer, J.:** Bryggen World Heritage Site. A numerical groundwater model to support archaeological preservations strategies. Poster. International Seminar on Preservation of Archaeological Remnants in Situ III (PARIS III), Amsterdam, 7.-9. December.

**De Beer, J.:** A transient method for measuring thermal properties of rocks. A heat flow model to support laboratory experiments. International FEFLOW User Conference, Berlin, 10.-15. September.

**Gaut, S.:** Beskyttelse av borebrønner og grunnvannet. NORVARs fagtreff "Bruk av grunnvann", Voss, 8.-9. november.

**Gaut, S.**, Storrø, G., Sivertsvik, F., Gundersen, P. & Sørdal, T.: Kvalitet av borebrønner i fjell: resultater og konsekvenser for brønnutforming og arealbruk. Det 15. seminar om hydrogeologi og miljøgeokjemi, NGU, Trondheim, 7.-8. februar. NGU Rapport, 2006.015, 27.

- Magombedze, L. & Jæger, Ø:** Impact of airborne pollution to groundwater quality in the Pasvik area. Det 15. seminar om hydrogeologi og miljøgeokjemi, NGU, Trondheim, 7.-8. februar. NGU Rapport, 2006.015, 30.
- Ruden, F. & Frengstad, B.:** Overview of low entropi geothermal energy use in Norway. XXI Hungarian Conference on Geothermal Energy, Kistelek, Hungary, 30.-31. January.

### **Grus og pukk**

- Dahl, R.:** Geoturisme. Internforedrag NGU, Trondheim, 24. april.
- Dahl, R.:** Gull og grønne steiner - muligheter i distriktene. NGU-dagen, Trondheim, 6. februar.
- Dahl, R.:** Oversikt over løsmassene i Osloregionen. GEOS informasjonsmøte, Oslo, 30.-31. mai.
- Dahl, R.:** Standal i Ørsta. Hvordan ble råstoffet til? Undervisning i faget "GIS for mineralressursforvaltning", NTNU, Trondheim, 21. september.
- Neeb, P.R.:** Bergindustrien i Rogaland. Norsk bergforenings høstmøte, Suldal, 27. september.
- Neeb, P.R.:** Byggeråstoffer og bruk. Undervisning, NTNU, Trondheim, 16. januar, 20. mars.
- Neeb, P.R.:** Grus og pukk til bygg og anlegg. Ressursforvaltning i dag og i fremtiden i Osloregionen. Oslo Vei AS, Oslo, 17. januar.
- Neeb, P.R.:** Hvor store verdier skapes egentlig i bergindustrien. PGL, BIL og SIL årsmøte, Gardermoen, 30. mars.
- Neeb, P.R.:** Ressurssituasjonen for grus og pukk i BTV-regionen. Hvor store verdier skapes egentlig i grus- og pukkindustrien? Fordrag for kommunene i BTV-regionen, Kongsberg, 13. november.
- Neeb, P.R.:** Ressurssituasjonen for grus og pukk i Norge og Ringerike. Hvor store verdier skapes egentlig i grus- og pukkindustrien. Fordrag med bransjen og kommunens administrasjon, politikere i planutvalg og formannskap, Hønefoss, 16. oktober.
- Neeb, P.R.:** Ressurssituasjonen for grus og pukk i Norge. Hvor store verdier skapes egentlig i grus- og pukkindustrien? PGL-konferanse, Rica Hell hotell, Stjørdal, 25. april.
- Neeb, P.R. & Dahl, R.:** Sand, grus og pukk i Møre og Romsdal. Stein i veg, Ålesund, 16. mars.
- Ulvik, A.:** Bruk og forvaltning av grus og pukk som byggeråstoff. Ekspertes i team: Landsby 27 "Stein - en mangelvare", NTNU, Trondheim, 18. februar.
- Wolden, K.:** Byggeråstoffsituasjonen på Ringerike. Mur- og betongbransjens informasjonsmøte med Regionalplanrådet, 7. november.
- Wolden, K.:** Grus- og pukk i arealplanleggingen. Fordrag med bransjen og kommunens administrasjon, politikere i planutvalg og formannskap, Hønefoss, 16. oktober.

## ***Industrimineraler og mineralkarakterisering***

- Broekmans, M.A.T.M.:** Impregnation-fluorescence petrography as a powerful assessment tool for concrete deterioration, and QA/QC. Transportation Institute, Michigan Technological University (MTU), Houghton, Michigan, 19. September.
- Broekmans, M.A.T.M.:** An outline of impregnation-fluorescence petrography, and some case studies. SETSCO Special Seminar on Discovering Petrography, Singapore, 7. July.
- Broekmans, M.A.T.M.:** Sample representativity: effects of size and preparation on geochemical analysis. 8th CANMET/ACI International Conference on Recent Advances in Concrete Technology, Montreal, Canada, 31. May - 3. June.
- Broekmans, M.A.T.M.:** A structure's projected lifetime: Effective use of mineral resources as illustrated by deleterious ASR & applicable standards. 6th Nordic Mineral Symposium, Trondheim, 20.-21. April.
- Gautneb, H.:** Naturstein i Oslo-regionen. GEOS informasjonsmøte, Oslo, 30.-31. mai.
- Gautneb, H.:** Steinmel som kaliumkilde for planter, sammendrag av resultater fra samarbeide mellom NGU og Planteforsk. Seminar om bruk av steinmel i landbruk, UMB, Ås, 13. mars.
- Korneliussen, A.:** Malm og industrimineraler i Oslo-regionen. GEOS informasjonsmøte, Oslo, 30.-31. mai.
- Korneliussen, A.:** Norske mineralressurser og bærekraftig utvikling. Seminar om bruk av steinmel i landbruk, UMB, Ås, 13. mars.
- Korneliussen, A., Ihlen, P.M., Gautneb, H., Lindahl, I. & Neeb, P.R.:** Industrial mineral resources in Norway – future outlook. Industrial Minerals Forum, Helsinki, 16. November.
- Korneliussen, A. & Neeb, P.R.:** Status and future for the geological resources in Norway. 6th Nordic Mineral Symposium, Trondheim, 20.-21. April.
- Meyer, G.B.:** En geologitur i Magma Geopark - forslag til turer. Andre referansegruppekonferanse, Egersund, 29. november.
- Meyer, G.B. & Dahl, R.:** Hva kan vi by på i Magma Geopark? Første referansegruppekonferanse, Egersund, 28. februar.
- Müller, A. & Ihlen, P.M.:** Trace element geochemistry of pegmatite quartz and associated minerals in the Froland pegmatite field, Norway. 19th IMA Meeting, Kobe, Japan, 23.-28. July.
- Müller, A., Ihlen, P.M. & Larsen, R.B.:** Chemical exploration of quartz resources in the Froland pegmatite field, Southern Norway. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bulletin of the Geological Society of Finland Special Issue, 1, 105.
- Münz, I.A., Korneliussen, A., Gorset, O., Johansen, H., Kihle, J., Flaathen, T. & Sandvik, K.:** Added value of industrial minerals and CO<sub>2</sub> storage: New possibilities for Norwegian mineral industry. 8th International Conference on Greenhouse Gas Control Technologies, Trondheim, 19.-22. June.
- Often, M.:** Finnmark - hva skal en geolog fortelle finnmarkinger om Finnmark? Øst-Finnmarklaget, Trondheim, 7. juni.

## ***Internasjonal virksomhet***

- Bingen, B.,** Boyd, R., Thomas, R.J., Bjerkgård, T., Feitio, P., Henderson, I.H.C., Hollick, L.M., Jacobs, J., Jamal, D., Key, R.M., Lutro, O., Melezhik, V.A., Nordgulen, Ø, Rossi, D., Sandstad, J.S., Skår, Ø, Smethurst, M.A., Smith, R.A., Solli, A., Tveten, E. & Viola, G.: Crustal architecture in Northern Mozambique: results from a regional bedrock mapping project. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstracts, 8, 06049, <http://www.cosis.net/abstracts/EGU06/06049/EGU06-J-06049.pdf>
- Bingen, B.,** Griffin, W.L. & Saeed, A.: Hf isotopic signature of zircon in NE Mozambique: Progress Report. 21st Colloquium on African Geology. Geoscience for poverty relief, Maputo, Mozambique, 3.-5. July.
- Bingen, B.,** Viola, G., Henderson, I.H.C., Smethurst, M., Boyd, R., Thomas, R.J., Bjerkgård, T., Feitio, P., Hollick, L.M., Jacobs, J., Key, R.M., Rossi, D., Sandstad, J.S., Skår, Ø, Smith, R., Solli, A. & Tveten, E.: Geochronology of Pan-African terrain assembly in NE Mozambique. 21st Colloquium on African Geology. Geoscience for poverty relief, Maputo, Mozambique, 3.-5. July.
- Bjerkgård, T.,** Nordgulen, Ø, Bingen, B., Boyd, R., Dunkley, P.N., Gonzalez, E.G., Grenne, T., Henderson, I.H.C., Jamal, D., Key, R.M., Melezhik, V., Often, M., Sandstad, J.S., Smith, R., Solli, A., Tveten, E., de Azavedo, S., Catuane, F., Feitio, P., Lima, J., Kampine, M., Manhica, V., Manuel, S., Moniz, A., Njange, F., Rossi, D., Soares, H. de S. & Zandamela, E.: Overview of the Proterozoic geology in Niassa and Cabo Delgado provinces, N. Mozambique. 21st Colloquium on African Geology. Geoscience for poverty relief, Maputo, Mozambique, 3.-5. July.
- Bjerkgård, T.,** Stein, H., Bingen, B., Sandstad, J.S., Henderson, I. & Moniz, A.: Gold mineralisations in the Txitonga Group, Niassa Province, Mozambique. 21st Colloquium on African Geology. Geoscience for poverty relief, Maputo, Mozambique, 3.-5. July.
- Henderson, I.,** Viola, G. & Feitio, P.: Conjugate shear zones as crustal-scale pure-shear accommodation structures: an example from northern Mozambique. 21st Colloquium on African Geology. Geoscience for poverty relief, Maputo, Mozambique, 3.-5. July.
- Henderson, I.,** Viola, G. & Feitio, P.: Crustal-scale pure shear accommodation structures in the Lurio Belt, Mozambique. 21st Colloquium on African Geology. Geoscience for poverty relief, Maputo, Mozambique, 3.-5. July.
- Hollick, L.,** Bauer, W., Bingen, B., de Azevedo, S., de Sousa Soares, H., Feitio, P., Fumo, C., Gonzales, E., Jacobs, J., Manhica, V., Manuel, S., Motuza, G., Tembe, D., Thomas, R.J., Uachave, B. & Viola, G.: Structural evolution in N. Mozambique – Milange, Mocuba and Insaca-Gurue sheets. 21st Colloquium on African Geology. Geoscience for poverty relief, Maputo, Mozambique, 3.-5. July.
- Key, R.,** Bingen, B., Barton, E., Daudi, E.X.F., Manuel, S., Moniz, A. & Melezhik, V.: Tectonic setting of Kimberlites in Northern Mozambique. 21st Colloquium on African Geology. Geoscience for poverty relief, Maputo, Mozambique, 3.-5. July.
- Key, R.,** Smith, R.A., Thornsnes, T., Smelror, M., Sæther, O.M., Solli, A., Sandstad, J.S., Bjerkgård, T., Zandamela, E.B. & Powell, J.H.: Rovuma Basin: Onshore Geology in Northern Mozambique. 21st Colloquium on African Geology. Geoscience for poverty relief, Maputo, Mozambique, 3.-5. July.

- Meyer, G.B.:** Interpretation of lithogeochemical data. Training programme for staff of the National Directorate of Geology, Ministry of Mineral Resources and Energy, Maputo, Mozambique, 8.-19. May.
- Sandstad, J.S.,** Bjerkgård, T., Manuel, S., Moniz, A. & Njange, F.: Mineral Resources and Potential of Niassa and Cabo Delgado Provinces, N. Mozambique. 21st Colloquium on African Geology. Geoscience for poverty relief, Maputo, Mozambique, 3.-5. July.
- Smelror, M.,** Key, R.M., Smith, R.A., Thorsnes, T., Sæther, O.M., Zandamela, E. & Powell, J.H.: Revised lithostratigraphy of the onshore Rovuma Basin, Northern Mozambique. 21st Colloquium on African Geology. Geoscience for poverty relief, Maputo, Mozambique, 3.-5. July.
- Thomas, R.J.,** Bauer, W., Bingen, B., de Azevedo, S., de Sousa Soares, H., Hollick, L., Feitio, P., Fumo, C., Gonzales, E., Jacobs, J., Manhica, V., Manuel, S., Motuza, G., Tembe, D., Uachave, B. & Viola, G.: Mozambique Belt in the Milanje-Mocuba-Malema area, Mozambique. 21st Colloquium on African Geology. Geoscience for poverty relief, Maputo, Mozambique, 3.-5. July.
- Viola, G.,** Henderson, I., Bingen, B., Feitio, P., Thomas, R., Hollick, L. & Jacobs, J.: A new tectonic framework for northern Mozambique. 21st Colloquium on African Geology. Geoscience for poverty relief, Maputo, Mozambique, 3.-5. July.
- Viola, G.,** Henderson, I., Gaina, C., Redfield, T.F. & Smethurst, M.A.: A new tectonic framework for northern Mozambique, a geophysical perspective. 21st Colloquium on African Geology. Geoscience for poverty relief, Maputo, Mozambique, 3.-5. July.

### ***Landskaps- og klimautvikling***

- Berthling, I.,** Beylich, A.A. & Vatne, G.: Coupling of slope and fluvial sediment transport systems in Vinstradalen, Oppdal. 1st TOPONORGE Workshop, NGU, Trondheim, 6.-7. March. NGF Abstracts and Proceedings, 1, 6-7.
- Berthling, I.,** Fadnes, E., Onsøien, R., Beylich, A.A. & Vatne, G.: Sediment fluxes from debris flows, Vinstradalen, Oppdal. Fourth ESF SEDIFLUX Science Meeting and First Workshop of I.A.G./A.I.G. SEDIBUD, NGU, Trondheim, 29. October - 2. November. NGF Abstracts and Proceedings, 4, 21.
- Beylich, A.A.:** Sediment transfers and sediment budgets in five small catchments situated in different cold environments in Iceland, Swedish Lapland, Finnish Lapland and Norway. Fourth ESF SEDIFLUX Science Meeting and First Workshop of I.A.G./A.I.G. SEDIBUD, NGU, Trondheim, 29. October - 2. November. NGF Abstracts and Proceedings, 4, 22-23.
- Beylich, A.A.** et al.: The European Science Foundation (ESF) Network Sedimentary Source-to-Sink Fluxes in Cold Environments (SEDIFLUX). 1st TOPONORGE Workshop, NGU, Trondheim, 6.-7. March. NGF Abstracts and Proceedings, 1, 8.
- Beylich, A.A.** et al.: The I.A.G./A.I.G. Working Group SEDIBUD – Sediment Budgets in Cold Environments: Introduction and Overview. Fourth ESF SEDIFLUX Science Meeting and First Workshop of I.A.G./A.I.G. SEDIBUD, NGU, Trondheim, 29. October - 2. November. NGF Abstracts and Proceedings, 4, 26-27.
- Beylich, A.A.,** Etienne, S., Etzelmüller, B., Gordeev, V.V., Kayhko, J., Lantuit, H., Russel, A.J., Sæmundsson, T., Schmidt, K.H., Tweed, F.S. & Warburton, J.: The European Science Foundation (ESF) Network –Sedimentary Source-to-Sink-

- Fluxes in Cold Environments- SEDIFLUX, 2004-2006. Fourth ESF SEDIFLUX Science Meeting and First Workshop of I.A.G./A.I.G. SEDIBUD, NGU, Trondheim, 29. October - 2. November. NGF Abstracts and Proceedings, 4, 24-25.
- Beylich, A.A.,** Molau, U. & Keskitalo, C.: Dynamics and Landscape Formation in Cold Environments. Fourth ESF SEDIFLUX Science Meeting and First Workshop of I.A.G./A.I.G. SEDIBUD, NGU, Trondheim, 29. October - 2. November. NGF Abstracts and Proceedings, 4, 28.
- Burki, V.,** Fredin, O. & Larsen, E.: Formation of saw-tooth moraines in Bødalén, western Norway. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bulletin of the Geological Society of Finland. Special issue, 1, 20.
- Burki, V.,** Stalsberg, K., Derron, M.H., Eilertsen, R., Fredin, O., Hansen, L., Larsen, E., Lyså, A., Nesje, A. & Tønnesen, J.F.: Towards understanding valley-fill deposits and processes along a deglaciated fjord-valley transect in Nordfjord, Norway. Workshop on Fjord Environments: Past, Present and Future, Oban, UK, 15.-16. September.
- Follestad, B.A.:** Rondane geopark. Ringebu kommune, 30. november.
- Follestad, B.A.:** Rondane geopark. Follidal næringsforening, 12. desember.
- Follestad, B.A.:** Rondane geopark Partnerskap for reiseliv. Rondetunet, 16. november.
- Follestad, B.A. & Fredin, O.:** Glacial temperature profiles and relation to landforms, exemplified by ice flow draining patterns in Northern Central East Norway. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bulletin of the Geological Society of Finland. Special issue, 1, 36.
- Follestad, B.A. & Fredin, O.:** Topography, glacial landforms and climate, exemplified by ice flow patterns in Central East Norway. 1st TOPONORGE Workshop, NGU, Trondheim, 6.-7. March. NGF Abstracts and Proceedings, 1, 16.
- Fredin, O.:** How can geochemical weathering help us decipher landscape evolution – examples from northern Sweden and southern Norway? Universitetet i Bergen, mai.
- Fredin, O.,** Derron, M.H., Larsen, E. & Olsen, L.: Deep-weathering in Norway – constraints on past landscape development and climate change, potential and problems. 1st TOPONORGE Workshop, NGU, Trondheim, 6.-7. March. NGF Abstracts and Proceedings, 1, 16.
- Funder, S.,** Grøsfjeld, K., Lambeck, K. & Seidenkrantz, M.S.: Early onset of The Gulf stream System in the Eemian – evidence from northern Russia. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bulletin of the Geological Society of Finland. Special issue, 1, 37.
- Grøsfjeld, K.:** Dinoflagellater – bare vakre, eller nyttige skapninger. Byen, bygdene og kunnskapen, Vitenskapsmuseet, Trondheim, 8. mai.
- Grøsfjeld, K. & Knies, J.:** Modern dinocyst assemblages from various environmental settings within the Arctic realm. Workshop on dinoflagellates and their cysts: their ecology and databases for palaeoenvironmental reconstructions, GEUS Copenhagen, 10.-12. November.
- Grøsfjeld, K. & Knies, J.:** Modern dinocysts reflecting the influence of the Gulf Stream System in the Barents Sea, offshore Spitsbergen. Fourth ESF SEDIFLUX Science Meeting and First Workshop of I.A.G./A.I.G. SEDIBUD, NGU, Trondheim, 29. October - 2. November. NGF Abstracts and Proceedings, 4, 45.

- Hjelstuen, B.O.**, Hafliðason, H., Sejrup, H.P., Nygård, A. & Lyså, A.: Sedimentary processes and subglacial deformation in the Nordfjord system, western Norway, during the last deglaciation. Workshop on Fjord Environments: Past, Present and Future, Oban, UK, 15.-16. September.
- Jensen, M.:** Fluvial response to climate and sea level change during the last interglacial – glacial cycle, Arkhangelsk region, NW Russia. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bulletin of the Geological Society of Finland. Special issue, 1, 60.
- Jensen, M.**, Demidov, I.N., Larsen, E. & Lyså, A.: Weichselian glaciers, lakes and sea level in the Arkhangelsk region: correlation potential and challenges. Correlation of Pleistocene Events in the Russian North, International Workshop, St. Petersburg, Russia, 4-6 December.
- Kjær, K.H.**, Larsen, E. & Funder, S.: Was shelf-ice collapse triggered by rapid sea-level rise in the Barents sea during MIS 3? 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bulletin of the Geological Society of Finland. Special issue, 1, 68.
- Kjær, K.H.**, Larsen, E. & van der Meer, J.J.M.: Fast ice flow sustained by its coupling to a decoupled substrate. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bulletin of the Geological Society of Finland. Special issue, 1, 69.
- Knies, J.**, Matthiessen, J., Nam, S.I., Frederichs, T., Vogt, C., Mackensen, A. & Stein, R.: Maximum style glaciations and freshwater perturbations of thermohaline overturning circulation in the Atlantic/Arctic gateway over the past 0.8 Mio years. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstracts, 8, 02805, <http://www.cosis.net/abstracts/EGU06/02805/EGU06-J-02805.pdf>
- Knies, J.** & Rühlemann, C.: The paleoclimatic development of the Trondheimsfjorden during the late Holocene. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstracts, 8, 02828, <http://www.cosis.net/abstracts/EGU06/02828/EGU06-J-02828.pdf>
- Knies, J.**, Schubert, C. & Brookes, S.: Re-assessing the nitrogen signal in continental margin sediments: New insights from the high northern latitudes. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstracts, 8, 02868, <http://www.cosis.net/abstracts/EGU06/02868/EGU06-J-02868.pdf>
- Larsen, E.**, Beylich, A.A., Bonow, J., Derron, M.H., Fredin, O., Hättestrand, C., Jansson, K., Kleman, J., Knies, J., Lidmar-Bergström, K., Stalsberg, K. & Stroeven, A.P.: Relief production in glaciated regions: a case study of the Norwegian Atlantic margin. 1st TOPONORGE Workshop, NGU, Trondheim, 6.-7. March. NGF Abstracts and Proceedings, 1, 22.
- Larsen, E.** & Kjær, K.H.: Late Pleistocene palaeoenvironmental changes in NW Russia; Shifting ice sheet domains and proglacial lakes. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bulletin of the Geological Society of Finland. Special issue, 1, 88.
- Lyså, A.**, Bakke, J., Fredin, O., Hansen, L., Larsen, E. & Nygård, A.: The last deglaciation and Holocene period in western Norway; fjord and lake sedimentation in the Nordfjord area. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bulletin of the Geological Society of Finland. Special issue, 1, 97.
- Matthiessen, J.**, Knies, J., Nam, S.I., Vogt, C., Frederichs, T., Mackensen, A. & Stein, R.: The Paleoenvironmental Evolution of the Eastern Arctic Ocean in the

past 3.6 Million Years. AGU Fall Meeting, San Francisco, CA, 11.-15 December.  
EOS Trans. AGU, 87, 52,

- Rubensdotter, L.:** Byen fra havet - om Trondheims resa uppåt på grund av landhevingen och konsekvensen før kvikk-leire avsetningarna under byen. Forskningstorget, Trondheim, 22.-23. september.
- Rubensdotter, L.:** Jordskred spåras i svenska fjällsjöar. Forskningsdagarna, Stockholms universitet, 19. oktober.
- Rubensdotter, L.:** Kan Tillerraset skje igjen - Klimavariationer och menneskens inverkan på miljøen. Klima-dagen, Tiller Bydal, Trondheim, 21. september.
- Rubensdotter, L.:** Klimavariationer och menneskens inverkan på miljøen. Miljøenheten, Trondheim kommune, 16. oktober.
- Rubensdotter, L. & Rosqvist, G.:** The significance of geomorphological setting and fluvial redeposition on sediment accumulation and composition in pro-glacial lakes. Fourth ESF SEDIFLUX Science Meeting and First Workshop of I.A.G./A.I.G. SEDIBUD, NGU, Trondheim, 29. October - 2. November. NGF Abstracts and Proceedings, 4,
- Rubensdotter, L. & Rouse, S.:** Holocene slope activity impacting lacustrine archives in alpine environments. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bulletin of the Geological Society of Finland. Special issue, 1,
- Vatne, G., Næss, Ø T., Beylich, A.A. & Berthling, I.:** Bed load transport in a steep mountain stream, Vinstradalen. Fourth ESF SEDIFLUX Science Meeting and First Workshop of I.A.G./A.I.G. SEDIBUD, NGU, Trondheim, 29. October - 2. November. NGF Abstracts and Proceedings, 4, 69.
- Vogt, C.M., Matthiessen, J., Knies, J., Stein, R. & Fischer, R.X.:** Pleistocene bulk and clay mineralogy of (I)ODP Sites in the Arctic Ocean. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstracts, 8, 05734, <http://www.cosis.net/abstracts/EGU06/05734/EGU06-J-05734.pdf>
- Wache, S. & Beylich, A.A.:** Investigations on the dynamics and sediment budget of a braided river system in Erdalen, Nordfjord, Western Norway. Fourth ESF SEDIFLUX Science Meeting and First Workshop of I.A.G./A.I.G. SEDIBUD, NGU, Trondheim, 29. October - 2. November. NGF Abstracts and Proceedings, 4, 70.

## ***Maringeologi***

- Al-Hamdani, Z., Christensen, O. & Leth, J.:** Application of amplitude versus angle method for seabed classification of multibeam backscatter from Læsø-Trindel/Denmark. Eighth European Conference on Underwater Acoustics (8th ECUA), Carvoeiro, Portugal, 12-15 June.
- Bekkeby, T., Rinde, E., Isaeus, M., Bakkestuen, V., Erikstad, L. & Longva, O.:** Fra punktdata til heldekkende modeller - studier av habitaters utbredelse. Norges forskningsråds "Havkyst" forskersamling, Oslo, 23. november.
- Bellec, V. & Wilson, M.:** Seabed sediment mapping in the Barents Sea - Results from the first Mareano campaign. Nordic Marine Sciences Conference, Oslo, 1-3 November.
- Bellec, V., Wilson, M., Bøe, R., Thorsnes, T., Rise, L., Ottesen, D. & Christensen, O.:** Foreløpig Bunntypekart (kornstørrelse), Østlige Tromsøflaket, M 1:100 000. MAREANO brukerkonferanse, Oslo, 3. oktober.

- Bøe, R.:** Geologisk kunnskal om havbunnen - et viktig beslutningsgrunnlag. Eksempler fra Oslofjorden (GEOS-prosjektet) og Lofoten-Barentshavet (MAREANO). Universitetet i Oslo, 9. mai.
- Bøe, R.:** Kartlegging av havbunn og bunnforhold - aktiviteter ved NGU. Norsk Institutt for Vannforskning, Oslo, 22. februar.
- Bøe, R.:** Marine geology at NGU. EuroGeoSurveys Marine Contact Group, Haarlem, Netherlands, 13.-14. November.
- Bøe, R.,** Polak, S., Zweigel, P., Lundin, E., Lindeberg, E. & Olesen, O.: Storage potential for CO<sub>2</sub> in Mid-Norway – results from the CO<sub>2</sub>STORE project. 8th International Conference on Greenhouse Gas Control Technologies (GHGT-8), Trondheim, 19-22 June.
- Bøe, R.,** Smelror, M. & Davidsen, D.: Nearshore Mesozoic basins offshore Nordland: location, age and sedimentary environment. Recycling of an orogen (prosjektmøte), Trondheim, 9. februar.
- Chand, S.:** Expressions of fluid flow and near surface process on Tromsøflaket, Barents sea: first products from the MAREANO programme. European Geosciences Union General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstracts, 8, 07179, <http://www.cosis.net/abstracts/EGU06/07179/EGU06-J-07179.pdf>
- Erikstad, L.,** Longva, O., Bekkby, T., Rinde, E., Bakkestuen, V., Christensen, O., Isæus, M. & Norderhaug, K.M.: Bathymetric data for mapping of seabed features and habitats. Scale relations based on tests off the coast of western Norway. GeoHab 2006, Edinburgh, 4. May.
- Lepland, A.:** Geologi i 3 dimensjoner. GEOS brukerkonferanse, Oslo, 31. mai.
- Lepland, A.:** Geologisk kartlegging av Oslofjorden. Foredrag for Frogn kommune, mai.
- Lepland, A.:** Geologisk kartlegging av Oslofjorden. Foredrag for Nesodden kommune, mai.
- Lepland, A.:** Geologisk kartlegging av Oslofjorden. Biomangfolddagen, Oslo, 22. mai.
- Lepland, A.:** Geologisk kartlegging av Oslofjorden. NGI, Oslo, mai.
- Lepland, A.:** Geologisk kartlegging av Oslofjorden. Foredrag for Asker kommune, Oslo, mai.
- Lepland, A.:** Ny kunnskap om geologien og mulige anvendelser. GEOS brukerkonferanse, Oslo, 30. mai.
- Lepland, A.:** Tracing life in the earliest terrestrial rock record. Origin and distribution of life in the Univers - a Nordic Perspective. Swedish astrobiology network conference, Stockholm, 8.-11. May.
- Lepland, A. & Bøe, R.:** Nye metoder ved kartlegging av miljøtilstand i havnebassenger - eksempler fra Oslo havn. Det 15. seminar om hydrogeologi og miljøgeokjemi, NGU, Trondheim, 7.-8. februar. NGU Rapport, 2006.015, 35.
- Lepland, A.,** Bøe, R., Olsen, H., Lepland, A. & Totland, O.: High-resolution sea bottom survey of the Oslofjord, Norway – usual suspects and unexpected encounters. GeoHab 2006, Edinburgh, 4. May.
- L'Heureux, J.S.,** Longva, O. & Hansen, L.: 3D sedimentary architecture of the Nidelva delta (Trondheim, Norway): Implications for regional slope instability and slide development. AGU Fall Meeting, San Francisco, CA, 11-15 December. EOS Trans. AGU, 87, 52,

- Longva, O.:** Astafjord prosjektet – eksempel på interkommunal planlegging I kystsonen. Samling om kartlegging og overvåking av biologisk mangfold, DN, Trondheim, 1.-2. november.
- Longva, O.:** Et hav av muligheter. MAREANO ruller videre. Trøndelagskartdagan, Røros, 26.-27. januar.
- Longva, O.:** Innledning til Workshop. Nidelvens stabilitet, NGU Trondheim, 17. november.
- Minshull, T.A. & Chand, S.:** The microstructure of sediment-hosted hydrates: evidence from effective medium modeling of laboratory and borehole datasets. Sedimenthosted Gas Hydrates: New Insights on Natural and Synthetic Systems, Geological Society, London, 25-26 January.
- Ottesen, D.:** Istider og sokkelglasiasjoner. Utvikling av norsk sokkel gjennom de siste 3 millioner år. Medlemsmøte Norsk Geologisk Forening avd. Trondheim, NTNU, Trondheim, 9. mars.
- Ottesen, D. & Rise, L.:** Ice-sheet dynamics and large-scale development of the mid-Norwegian margin during the last 3 million years. Institute of Arctic and Alpine Research Institute, University of Boulder, Colorado, 9. December. NGU Report,
- Ottesen, D. & Rise, L.:** Volume calculations for glacial erosion in Mid-Norway during the last 3 million years and large-scale depositional pattern of the corresponding shelf. Fourth ESF Sediflux Science Meeting, NTNU, Trondheim, 29. October - 2. November. NGU Report, 2006.069, 59.
- Ottesen, D., Rise, L., Andersen, E.S., Bugge, T. & Dowdeswell, J.:** Large-Scale Development of the Mid-Norwegian Shelf During the last 3 Million Years With Volume Calculations for Adjacent Land Denudation. AGU Fall Meeting, San Francisco, CA, 11-15 December. EOS Trans. AGU, 87, 52,
- Ottesen, D., Rise, L., Olsen, L., Dowdeswell, J.A., Berg, K. & Bryn, P.:** Palaeo-ice streams along the western margin of the Scandinavian Ice Sheet during the last glacial maximum. 1st TopoNorge Workshop, NGU, Trondheim, 6.-7. March.
- Plassen, L.:** Demonstrasjon av geologiske kart og litteratur. Geologiens dag, Tromsø, 10. september.
- Plassen, L.:** The MAREANO project - an overview. Forskerskolen Marin Geologi og Geofysikk, kick-off seminar, Universitetet i Tromsø, 30.-31. januar.
- Plassen, L.:** På tokt i Barentshavet - mellom isbjørn og isflak. Fredagsforum, NGU, Trondheim, 8. desember.
- Plassen, L. & Knies, J.:** Natural gas seepages: indications from the North Norwegian Continental Margin. European Geosciences Union General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstracts, 8, 07093, <http://www.cosis.net/abstracts/EGU06/07093/EGU06-J-07093.pdf>
- Plassen, L. & Smelror, M.:** NGU i nord. Norges forskningsråd, møte om nordområdesatsningen, Polarmiljøseneteret, Tromsø, 13. februar.
- Rise, L., Ottesen, D. & Andersen, E.S.:** Submarine Slides on the Continental Slope off Mid-Norway and Their Relation to the Shifting Depositional Processes During Glacial-Interglacial Cycles. AGU Fall Meeting, San Francisco, CA, 11-15 December. EOS Trans. AGU, 87, 52,
- Rise, L., Ottesen, D., Olesen, O. & Nygård, A.:** The Norwegian Channel - an important glacial drainage route to the shelf edge during the Pleistocene. 1st TopoNorge Workshop, NGU, Trondheim, 6.-7. March.
- Thorsnes, T.:** Kunnskapen skal brukes! MAREANO Brukerkonferanse, Oslo, 3. oktober.
- Thorsnes, T.:** MAREANO. NORSAM årsmøte, Oslo, 31. oktober.

- Thorsnes, T.:** The MAREANO programme - Goal and challenges for ecosystem based, management directed seabed mapping in Norwegian waters. Norwegian Deepwater Programme, Workshop, Oslo, 13.-14. November.
- Thorsnes, T.:** MAREANO, fiskeri og havbruk - grenseflater og samarbeismuligheter. Strategiseminar, Fiskarlaget, Trondheim, 10. august.
- Thorsnes, T.:** Verdiskapning i kystsonen - Hva med naturen? NGU-dagen, Trondheim, 6. februar.
- Thorsnes, T., Lønne, O.J., Fosså, J.H. & Skyseth, T.:** The MAREANO project - Seabed mapping in Norwegian waters. IPIECA workshop, Tromsø, 17. June.
- Thorsnes, T., Lønne, O.J., Skyseth, T. & Solberg, C.:** Ecosystem oriented seabed mapping in the Norwegian MAREANO programme - physiotype and habitat maps in ocean management. GeoHab 2006, Edinburgh, 3rd May.
- Wilson, M., Bellec, V., Thorsnes, T., Bøe, R., Christensen, O., Totland, O. & Lepland, A.:** Bunnreflektivitet, Østlige Tromsøflaket, M 1:100 000. MAREANO brukerkonferanse, Oslo, 3. oktober.
- Wilson, M., Bellec, V., Thorsnes, T., Bøe, R., Christensen, O., Totland, O. & Lepland, A.:** Terrengformkart, Østlige Tromsøflaket, M 1:100 000. MAREANO brukerkonferanse, Oslo, 3. oktober.

### ***Miljøgeokjemi***

- Haugland, T.:** Brommerte flammehemmere i norsk byjord. Det 15. seminar om hydrogeologi og miljøgeokjemi, NGU, Trondheim, 7.-8. februar. NGU Rapport, 2006.015, 38.
- Reimann, C.:** Benefits and utilisation of the Geochemical Atlas of Europe. EuroGeoSurveys presentation of the Geochemical Atlas of Europe, European Commission, Brussels, 21. september.
- Reimann, C.:** Chemical and physical degradation of natural soils in Northwestern Europe: results of large-scale regional studies. 18th World Congress of Soil Science, Philadelphia, 14. July.
- Reimann, C.:** A geochemical transect through Oslo - first results. Det 15. seminar om hydrogeologi og miljøgeokjemi, NGU, Trondheim, 7.-8. februar. NGU Rapport, 2006.015, 45.

### ***Naturstein***

- Bloxam, E., Heldal, T. & Storemyr, P.:** Late Palaeolithic Origins of a Grinding Stone Industry at Aswan, Egypt. Society for American Archaeology 71st Annual Meeting, San Juan, Puerto Rico, 26.-30 April.
- Bloxam, E., Storemyr, P., Heldal, T. & Kelany, A.:** "The myth of control": Re-assessing the role of the Egyptian state in ancient quarrying. ASMOSIA 8, Aix-en-Provence, 12.-18. Juni.
- Degryse, P., Bloxam, E., Heldal, T., Storemyr, P. & Waelkens, M.:** Quarries in the landscape : a survey of the area of Sagalassos (SW Turkey). ASMOSIA 8, Aix-en-Provence, 12.-18. Juni.
- Degryse, P., Bloxam, E., Heldal, T., Storemyr, P. & Waelkens, M.:** Quarries in the landscape: A survey of the area of Sagalassos (SW Turkey). First QuarryScapes Symposium, Antalya, Turkey, 15-17 October.
- Heldal, T.:** Bergindustriens kulturlandskap. En ny dimensjon for kulturminnevernet? Fortellinger fra gamle gruver og steinbrudd. Kulturvern ved Bergverk, Dalane

Folkemuseum og Norsk Bergverksmuseum, Egersund og Sokndal, 13.-15. september.

- Heldal, T.:** Introduksjon til vandring i brot-områda på Rønseth. Hyllestadseminaret 2006, Hyllestad, 22. april.
- Heldal, T.:** Stein i Rogaland. SILs høstmøte, Stavanger, 8. november.
- Heldal, T.:** Undervisning NTNU, Mineralressurser. NTNU, Trondheim, februar.
- Heldal, T., Bloxam, E., Degryse, P., Storemyr, P. & Kelany, A.:** Old Kingdom gypsum quarries at Umm es-Sawan, Northern Faiyum Quarry Landscape, Egypt. First QuarryScapes Symposium, Antalya, Turkey, 15-17 October.
- Heldal, T., Bloxam, E. & Storemyr, P.:** New evidence for the use of fire in ancient quarrying. Society for American Archaeology 71st Annual Meeting, San Juan, Puerto Rico, 26.-30 April.
- Heldal, T., Bloxam, E. & Storemyr, P.:** Unravelling ancient stone quarry landscapes in the Eastern Mediterranean: the QuarryScapes project. Broadening Horizons - Multidisciplinary approaches to the study of past landscapes, Ghent University, Belgium, 27-28 February.
- Heldal, T., Bloxam, E., Storemyr, P. & Kelany, A.:** Interpreting a physical stone quarry landscape; the case of the Aswan West Bank quarries, Egypt. ASMOSIA 8, Aix-en-Provence, 12.-18. Juni.
- Lindahl, I.:** Geologi for diamantborere. Undervisning, Namsos, 9.-10. mai.
- Rouxel, O.J., Bekker, A., Slack, J.F. & Grenne, T.:** Record of hydrothermal plume processes in Paleoproterozoic jasper and iron formation: implications for the redox state of the 1.74 Ga deep ocean. The Astrobiology Science Conference (AbSciCon), Washington, 26.-30. March.
- Storemyr, P., Bloxam, E., Heldal, T. & Kelany, A.:** Difficulties in preserving an extensive ancient stone quarry landscape: The Aswan West Bank Quarries (Upper Egypt). ASMOSIA 8, Aix-en-Provence, 12.-18. Juni.
- Storemyr, P., Heldal, T. & Bloxam, E.:** QuarryScapes: Conservation of Ancient Stone Quarry Landscapes in the Eastern Mediterranean. Society for American Archaeology 71st Annual Meeting, San Juan, Puerto Rico, 26.-30 April.

### ***Regional kartlegging***

- Barnes, C.G., Frost, C.D. & Nordgulen, Ø.:** Mid-crustal magma mixing and forced garnet stability in Late Orodovician plutons, Norwegian Caledonides. 27<sup>th</sup> Nordic Geological Winter Meeting, Oulu Univ., Finland. Bulletin of the Geological Society of Finland, Special Issue 1, 14.
- Brown, L.B. & McEnroe, S. A.:** Magnetic Properties of Anorthosites: Possible Source Rocks for Planetary Magnetic Anomalies, Eos Transactions. AGU, 87(52), Fall Meet. Suppl., Abstract GP11B-0080.
- De Cock, H., Hertogen, J., Nilsen, O., Roberts, D. & Corfu, F.:** Geochemical and petrographical investigations of trondhjemites and associated mafic rocks in the Trondheim Nappe Complex, central Norwegian Caledonides. European Union of Geosciences conference, Vienna, Austria, April 2006.
- Engvik, A.:** Forelesninger ved Institutt for geologi, Universitetet i Tromsø, GEO2004 - Metamorf petrologi, 12 timer våren 2006.
- Engvik, A.K., Austrheim, H. & Korneliussen, A.:** Mineralogical evolution during albitisation and scapolitisation of the Ødegården metagabbro, Bamble, South Norway. EGU General assembly, Vienna, 2006.

- Engvik, A.K.**, Stöckhert, B. & Engvik, L.: Numerical modelling of fluid infiltration, heat transport and healing of microcracks during magma-driven hydraulic fracturing. EGU General assembly, Vienna, 2006.
- Fabian, K.:** A linear theory of relative paleointensity in inhomogeneous sediments, Geophysical Research Abstracts 8, 04554, SRef-ID: 1607-7962/gra/EGU06-A-04554.
- Fabian, K.** & Shcherbakov, V.P.: A threedimensional micromagnetic study of viscous magnetization processes in pseudo-single domain particles. Travaux géophysiques XXVII, 33-34.
- Fabian, K.** & Shcherbakov, V.P.: A first principle study of viscous magnetization processes in pseudo-single domain particles and their possible influence upon natural remanence in rocks. Geophysical Research Abstracts 8, SRef-ID: 1607-7962/gra/EGU06-A-03995.
- Harrison, R.J.**, McEnroe, S.A.: Giant exchange bias in nanoscale ilmenite-hematite intergrowths: new insights through the application of atomistic Monte Carlo simulations, Eos Transactions, AGU, 87(52), Fall Meet. Suppl., Abstract GP31C-0099.
- Hofmann D.I.** & Fabian, K.: Which Parameters control Relative Paleointensity? Results from a South Atlantic Stratigraphic Network. Geophysical Research Abstracts 8, 06543, SRef-ID: 1607-7962/gra/EGU06-A-06543.
- Kosterov A.** & Fabian, K.: Low temperature magnetic properties of multidomain magnetite: insights from single grain measurements. Eos Transaction AGU, 86(52), Fall Meeting Supplement Abstract GP11B-02.
- Frost C.**, Vietti, L., McArthur, K., Barnes, C.G., Nordgulen, Ø. & Meredith, M.: Sediment provenance in the Helgeland Nappe Complex (HNC), Norwegian Caledonides: Nd isotopic data and implications for Oordovician tectonic evolution. GSA Annual Meeting.
- Kounov, A.**, Viola G., M. Andreoli, J. Erzinger & de Wit, M.: "Mesozoic-Cenozoic denudation along the Atlantic passive margin and its hinterland, with implications for the origin of the great escarpment", Inkaba yeAfrica Workshop, GFZ, Potsdam, Germany, June 2006.
- McEnroe, S.A.**, K. Hemant & Skilbrei, J.R: Magnetic contributions of minerals at the surface and at depth in the crust: Comparing anomaly maps from aeromagnetic and satellite data from Scandinavia. 1<sup>st</sup> SWARM International Meeting, Nantes, France, ESA workshop.
- McEnroe, S.A.**, Harrison, R. J., Carter-Stilzer, Robinson, P., (2006) Nature's engineering: Giant magnetic exchange bias > 1T in a natural mineral. Eos Transactions, AGU, 87(52), Fall Meet. Suppl., Abstract GP31C-0098.
- McEnroe, S.A.**, Robinson, P., McEnroe, S.A., Langenhorst, F., Bromley, G.D. & Terry, M.P. (2006) Mineral chemistry, and high and low-T magnetic properties after experiments at deep crustal conditions on Allard Lake hemo-ilmenite persisting magnetic moments related to nanoscale interfaces, New trends in, Palaeo, rock and environmental magnetism, 10<sup>th</sup> Castle meeting, Valtice, Czech. p. 82, Travaux Geophysiques XXVII.
- McEnroe, S.A.** & Skilbrei, J.R: Magnetism in Proterozoic Crust: Rock Properties and Magnetic Response of Amphibolites and Pyroxene Granulites in Southwest Sweden. European Geosciences Union Geophysical Research Abstracts, Vol. 8, 06733.
- Melezhik, V.A.:** A new ICDP Project in Russian Fennoscandia. Petrozavodsk University, 05.10.06

- Melezhik, V.A.:** A new research initiative within the framework of the ICDP. Karelian Science Centre, 04.10.06
- Melezhik, V.A.:** The Earth evolution through Archaean-Proterozoic transition – A ICDP Project: new opportunities for Earth-science students. St. Petersburg University, 21.12.06
- Melezhik, V.A.:** Together with MINERAL through the Archaean-Proterozoic transition: the ICDP Drilling Project. State Company MINERAL, St. Petersburg Mining Research Institute 22.12.06
- Melezhik, V.A.:** Knowledge on past is a key for future: 2500 Ma back in the Earth history – A new ICDP project. St. Petersburg Press Centre of the Russian Academy of Sciences, 22.12.06.
- Melezhik, V.A.:** Conceptual framework of a new ICDP project. Murmansk University and Kola Science Centre, 26.12.06
- Melezhik, V.A.:** A new international geological project in Russian Fennoscandia. NTV (Russian National Television), News St. Petersburg, 21.12.06.
- Melezhik, V.A.:** Karelia gets involved in to new international project on the Earth evolution. NTV (Russian National Television), News Petrozavodsk, 04-05.10.06.
- Melezhik, V.A.:** Karelia is a key geological province in a new international project on the Earth evolution. Radio Moscow International, (broadcasted in Russia, Norway, Germany, UK and USA), 05.10.06.
- Melezhik, V.A.:** A new international geological initiative in Kola: Scientific drilling project. NTV (Russian National Television), News Murmansk, 26-27.12.06.
- Melezhik, V.A., Fallick, A.E. Hanski, E.J. Hawkesworth, C.J. Kump, L.R., Lepland, A., Prave, A.R. and Strauss, H.:** Conceptual framework of the ICDP Fennoscandian Arctic Russia – Drilling Early Earth Project (FAR-DEEP). Abstract Volume, IGCP 509 Paleoproterozoic Supercontinents & Global Evolution, Field Conference, Brazil, September 9-21, 2006.
- Melezhik, V.A., Filippov, M.M., Medvedev, P.V., Philippov, N.B., Romashkin, A.E., & Rychanchik, D.V.:** Fennoscandian Arctic Russia – Drilling Early Earth Project: Emergence of the aerobic biosphere during the Archaean-Proterozoic transition; Recent achievements and future challenges. Abstract Volume, International Conference, Northern Europe in XXI century: nature, culture, economics, Petrozavodsk, 24 October, 2006. Petrozavodsk, Karelian Science Centre, p. 324-327.
- Melezhik, V.A., Lepland, I., Rozanov, A.Y. & Astafieva, M.M.:** 2000 Ma phosphorites in the context of evolution of Palaeoproterozoic ocean chemistry. Abstract Volume, the 2<sup>nd</sup> International Palaeontological Congress, June 17-21, 2006, Beijing, China.
- Melezhik, V.A., Pokrovsky, B.G. & Bujakayte M.I.:** Calibrating seawater Sr-isotope composition during the Ediacaran Wonoka Event: insight from Siberia. Abstract Volume, the 2<sup>nd</sup> International Palaeontological Congress, June 17-21, 2006, Beijing, China.
- Miller, J. A., Viola, G. & Mancktelow, N.:** "Contrasting fluid regimes in an advancing nappe complex, Namibia", Goldschmidt Conference, Melbourne, Australia, August 2006.
- Nilsen, O., Corfu, F. & Roberts, D.:** Age and significance of trondhjemite-diorite-gabbro complexes in the southern Trondheim Region, central Norwegian Caledonides. 27. Nordic Geological Winter Meeting, Oulu, Finland, January 2006. Abstract in Bulletin of the Geological Society of Finland Special Issue 1, p. 109.

- Nordgulen, Ø.:** Late Archaean magmatism in the Sørvaranger area, northern Baltic Shield. 27<sup>th</sup> Nordic Geological Winter Meeting, Oulu Univ., Finland. Bulletin of the Geological Society of Finland, Special Issue 1, 110.
- Olsen, L.:** Fennoscandian M-L Weichselian glacial variations – much more than just local ice-margin fluctuations. Key-note lecture at the 27<sup>th</sup> Nordic Geological Winter Meeting, Oulu Univ., Finland. Bulletin of the Geological Society of Finland, Special Issue 1, 118.
- Olsen, L., Sveian, H. & Vatne, G.:** 1-day field excursion in the Trondheim region – deglaciation history, glacial rebound, clay slide history and recent fluvial environment. NGF Abstracts and Proceedings, no. 4, 2006, 73.
- Ovchinnikova G.V., Gorokhov I.M., Vasilyeva I.M., Kaurova, O.K., Melezhik, V.A. & Turkina, O.M.:** Pb-Pb dating of metamorphic carbonates. Abstract Volume, III Russian Conference on Isotope Geochronology: Isotopic Dating of Magmatism, Sedimentation and Metamorphism, Moscow, June 6-8, 2006. Moscow, GEOS 2006, v. 2, pp. 86-91.
- Pokrovsky, B.G., Melezhik, V.A., Bujakkaite, M.I. & Chumakov, N.M.:** Isotope stratigraphy and problems of dating of the Patom Complex, the Late Precambrian of central Siberia. Abstract Volume, III Russian Conference on Isotope Geochronology: Isotopic Dating of Magmatism, Sedimentation and Metamorphism, Moscow, June 6-8, 2006. Moscow, GEOS, 2006, p. 113-115.
- Robinson, P., McEnroe, S.A., Langenhorst, F., Terry, M.P. & Frandsen, C.:** Chemistry, evolution and magnetic properties of hemo-ilmenite, Allard lake, Quebec: A case study for lamellar magnetism, New trends in, Palaeo, rock and environmental magnetism. 10<sup>th</sup> Castle meeting, Valtice, Czech. p. 99, Travaux Geophysiques XXVII.
- Smelror, M. & Bjørlykke, A.:** Geology for Society. 5th European Congress on Regional Geoscientific Cartography and Information Systems, Barcelona, 13.-16. June.
- Sveian, H.:** Landhevning og landskapsutvikling i Trøndelag gjennom 500 generasjoner. Trøndelag amatørgeologiske forening, Trondheim. 8. februar.
- Viola, G., Henderson, I., Bingen, B. et al.:** A new tectonic framework for Northern Mozambique. CAG 21, June 2006, Maputo, Mozambique.
- Viola, G., Henderson, I., Smethurst M, Redfield, T. & Gaina, C.:** A new tectonic framework for Northern Mozambique: A geophysics perspective. CAG 21, June 2006, Maputo, Mozambique.
- Viola, G., Mancktelow, N. & Miller J.:** Cyclic frictional-viscous slip oscillations along the base of an advancing nappe complex, Naukluft Nappe Complex, Central Namibia. EGU 2006, Vienna, Austria.
- Viola, G., Mancktelow, N. & Miller J.:** Insights into brittle-ductile mechanisms of nappe emplacement from an integrated structural and stable isotope study of the Naukluft Thrust, central Namibia. Kongsberg Seminar: "Deformation at all scales". Kongsberg, Norway, May 2006.

## **Skorpeprosesser**

- Bingen, B.,** Stein, H., Corfu, F. & Hannah, J.: Paired Re-Os molybdenite and U-Pb zircon ages resolve Mo ore-forming events in magmatic-metamorphic environment, Knaben district, S Norway. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstracts, 8, 04013, <http://www.cosis.net/abstracts/EGU06/04013/EGU06-J-04013.pdf>
- Braxton, D.,** Cooke, D., Dunlap, J., Norman, M., Reiners, P., Stein, H. & Waters, P.: Constraining the timing of hypogene mineralization and supergene oxidation at the Boyongan and Bayugo porphyry Cu-Au deposits, Mindanao, Philippines. SEG Meeting, Keystone, Colorado, 14.-16. May.
- Dilles, J.H.,** Field, C.W., Houston, R.A., Kent, A.J.R., Zhang, L., Reed, M.H., Rusk, B.G., Miller, B., Martin, M.W., Rye, R.O., Snee, L.W. & Stein, H.J.: Lessons from Butte, Montana: exploration and mining applications from recent research. SEG Meeting, Keystone, Colorado, 14.-16. May.
- Donelick, R.A.,** O'Sullivan, P.B., Ketcham, R.A., Hendriks, B.W.H. & Redfield, T.F.: Relative U and Th concentrations from LA-ICP-MS for apatite Fission-Track Grain-Age dating. 16th Annual V.M. Goldschmidt Conference, Melbourne, Australia, 27. August - 1. September. *Geochimica et Cosmochimica Acta*, 70, 18S, A143.
- Ganerød, M.,** Rouse, S., Smethurst, M.A. & Prestvik, T.: Constraining the History of the North Atlantic Igneous Province: a Palaeomagnetic and Geochronologic Ballad in the British Tertiary Volcanics. Poster. AGU Fall Meeting, San Francisco, Ca., 11.-15. December. *EOS Trans. AGU*, 87, 52,
- Hannah, J.L.,** Stein, H.J., Wieser, M.E., deLaeter, J.R. & Varner, M.D.: Mo isotope variations in molybdenite: vapour transport and Rayleigh fractionation of Mo. 16th Annual V.M. Goldschmidt Conference, Melbourne, Australia, 27. August - 1. September. *Geochimica et Cosmochimica Acta*, 70, 18S, A228.
- Hannah, J.L.,** Stein, H.J., Zimmerman, A., Yang, G. & Markey, R.J.: Melezhhik, V.A.: Precise depositional Re-Os age for black shale: a Paleoproterozoic example. Geoanalysis meeting, Beijing, China, 19.-21. September.
- Hannah, J.L.,** Stein, H.J., Zimmerman, A., Yang, G., Markey, R.J. & Melezhhik, V.A.: Precise 2004 ± 9 Ma Re-Os age for Pechenga black shale: Comparison of sulfides and organic material. 16th Annual V.M. Goldschmidt Conference, Melbourne, Australia, 27. August - 1. September. *Geochimica et Cosmochimica Acta*, 70, 18S, A228.
- Johnston, S.,** Hacker, B.R., Eide, E. & Hendriks, B.: In situ UV-laser ablation <sup>40</sup>Ar/<sup>39</sup>Ar muscovite thermochronology reveals excess argon and 399–405 Ma age for the Nordfjord–Sogn Detachment Zone, Hornelen region, Norway. AGU Fall Meeting, San Francisco, Ca., 11.-15. December. *EOS Trans. AGU*, 87, 52,
- Mironov, A.,** Stein, H., Zimmerman, A. & Yang, G.: Re-Os dating of the Orekitkan molybdenum deposit (Russia). 12th Quadrennial IAGOD Symposium, Moscow, 21-24 August.
- Osmundsen, P.T.:** GEO 202: Grunnkurs i strukturgeologi. Universitetet i Tromsø, høst 2006.
- Osmundsen, P.T. & Ebbing, J.:** Styles of extension offshore Mid-Norway and implications for mechanisms of Late Jurassic-Early Cretaceous rifting. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstracts, 8, 04003, <http://www.cosis.net/abstracts/EGU06/04003/EGU06-J-04003-1.pdf>

- Osmundsen, P.T.**, Redfield, T.F., Ebbing, J. & Hendriks, B.: The effect of inherited structure on the uplift of western Norway. 1st TopoNorge Workshop, Trondheim, 6.-7. March. NGF Abstracts and Proceedings, 1, 25.
- Stein, H.:** What are we dating with our highly precise ages? Geoanalysis meeting, Beijing, China, 19.-21. September.
- Stein, H.J.** & Markey, R.J.: Timescales for fluid storage and release in porphyry Cu-Mo systems – Timescales for felsic magma storage and volcanic eruptions. 16th Annual V.M. Goldschmidt Conference, Melbourne, Australia, 27. August - 1. September. *Geochimica et Cosmochimica Acta*, 70, 18S, A613.
- Stein, H.J.**, Markey, R.J., Carriedo, J. & Tornos, F.: Re-Os evidence for the origin of Fe-oxide-(Cu-Au) deposits in SW Iberia at the Frasnian-Famennian boundary. 16th Annual V.M. Goldschmidt Conference, Melbourne, Australia, 27. August - 1. September. *Geochimica et Cosmochimica Acta*, 70, 18S, A612.
- Vallance, J.**, Fontboté, L., Markowski, A., Vennemann, T., Stein, H.J., Schaltegger, U. & Chiaradia, M.: Hydrothermal fluid evolution and age of the Nambija oxidized gold skarn (Ecuador). TRANSMET meeting, Nancy, France, 6.-7. July.
- Zimmerman, A.**, Stein, H., Hannah, H., Kozelj, D. & Berza, T.: Re-Os and tectonics – chronology, concentrations, and commodities in the South Carpathians and Balkans. 16th Annual V.M. Goldschmidt Conference, Melbourne, Australia, 27. August - 1. September. *Geochimica et Cosmochimica Acta*, 70, 18S, A755.
- Zimmerman, A.**, Stein, H., Hannah, J., Berza, T. & Kozelj, D.: Linking metallogeny and tectonics along the Balkan-Carpathian orogen by Re-Os molybdenite dating. SEG Meeting, Keystone, Colorado, 14.-16. May.

## **Skred**

- Derron, M.H.:** A new chemical denudation model for landscape evolution numerical modeling. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstracts, 8, 05929,  
<http://www.cosis.net/abstracts/EGU06/05929/EGU06-J-05929.pdf>
- Derron, M.H.** & Beylich, A.A.: Chemical denudation rates in Erdalen (Norway), estimations and numerical modeling. Fourth ESF SEDIFLUX Science Meeting and First Workshop of I.A.G./A.I.G. SEDIBUD, NGU, Trondheim, 29. October - 2. November. NGF Abstracts and Proceedings, 4.
- Derron, M.H.**, Blikra, L.H. & Longva, O.: Landslides contribution to erosion and high resolution DEM analysis. 1st TOPONORGE Workshop, NGU, Trondheim, 6.-7. March. NGF Abstracts and Proceedings, 1.
- Derron, M.H.** & Dehls, J.: Extraction of surface movement patterns by post-processing of PS-INSAR data. 1st TOPONORGE Workshop, NGU, Trondheim, 6.-7. March. NGF Abstracts and Proceedings, 1, 11.
- Derron, M.H.**, Dehls, J. & Stalsberg, K.: Applications of GIS and remote sensing methods to landslide mapping. Lokale kartdager Hordaland, Voss, 14.-15. februar.
- Derron, M.H.** & Fredin, O.: A toolbox for the numerical modelling of erosion and landscape evolution. 1st TOPONORGE Workshop, NGU, Trondheim, 6.-7. March. 1.
- Derron, M.H.** & Jaboyedoff, M.: Applications of high-resolution DEMs analysis for geohazards in fjords. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstracts, 8, 03779,  
<http://www.cosis.net/abstracts/EGU06/03779/EGU06-J-03779.pdf>

- Derron, M.H.** & Jaboyedoff, M.: Examples of high-resolution DEM analysis for landslide hazard assessment. Geological Remote Sensing Group Special Meeting on DEM, London, Geophysical research abstracts, 2006.
- Hansen, L.,** Eilertsen, R., Solberg, I.L. & Rokoengen, K.: Facies characteristics of clay-slide deposits in deglaciated fjord valleys. 17th International Sedimentological Congress, Fukuoka, Japan, 27. August - 1. September.
- Henderson, I.,** Saintot, A. & Derron, M.H.: The active control of bedrock geology on landslide development in Storfjorden area (Norway). EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstracts, 8, 02255, <http://www.cosis.net/abstracts/EGU06/02255/EGU06-J-02255.pdf>
- Jaboyedoff, M.,** Metzger, R., Derron, M.H. & Turmel, D.: New insight techniques to analyze rock-slope relief using DEM and 3D-imaging cloud points: COLTOP-3D software. ECONGEO (5th European Congress on Regional Geoscientific Cartography), Barcelona, 13.-16. June.
- Solberg, I.L.,** Hansen, L. & Derron, M.H.: Long-term erosion of a Norwegian fjord-valley dominated by marine deposits. Fourth ESF SEDIFLUX Science Meeting and First Workshop of I.A.G./A.I.G. SEDIBUD, NGU, Trondheim, 29. October - 2. November. NGF Abstracts and Proceedings, 4.

### **Sokkelgeofysikk**

- Barrère, C.** & Skilbrei, J.R.: Interpretation of potential field data in western Barents Sea. 2nd Workshop on International Gravity Field Research, Smolenice, Slovakia, 8.-9. May.
- Bergh, S.G.,** Hansen, J.A., Eig, K., Henningsen, T., Kløvjan, O., Olesen, O., Corner, G. & Vorren, T.O.: Crustal structure of the Lofoten Ridge and offshore shelf exemplified by brittle faults and fractures: controlling effect on glacial landscape and drainage patterns. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bull. Geol. Soc. Finland Special Issue, 1.
- Ebbing, J.:** Isostatic gravity modelling and Neogene reveals the "missing" root of the Scandes. 2nd Workshop on International Gravity Field Research, Smolenice, Slovakia, 8.-9. May.
- Ebbing, J.:** The Scandinavian mountains: New geophysical insights into an old problem. Geoscientific seminar, Uppsala University, 1. December.
- Ebbing, J.,** Bjørlykke, A., Hendriks, B.W.H., Olesen, O., Osmundsen, P.T., Pascal, C., Redfield, T.F., Smelror, M. & Skilbrei, J.R.: The Scandes: In between the margin and the shield. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bull. Geol. Soc. Finland Special Issue, 1, 111.
- Ebbing, J.,** Braitenberg, C., Bjørnseth, H.M., Fichler, C. & Skilbrei, J.R.: Basement Characterisation by Regional Isostatic Methods in the Barents Sea. EAGE/EAGO/SEG Conference, Saint Petersburg, 16.-19. October.
- Ebbing, J.,** Hendriks, B.W.H., Olesen, O., Osmundsen, P.T., Pascal, C., Redfield, T.F. & Skilbrei, J.R.: The Scandes: In between the margin and the shield. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstract, 8, 01646, <http://www.cosis.net/abstracts/EGU06/01646/EGU06-J-01646.pdf>
- Ebbing, J.,** Hendriks, B.W.H., Olesen, O., Osmundsen, P.T., Pascal, C., Redfield, T.F. & Skilbrei, J.R.: The Scandes: In between the margin and the shield. 1st TopoNorge Workshop, NGU, Trondheim, 6.-7. March. NGF Abstracts and Proceedings, 1, 12.

- Ebbing, J.** & Olesen, O.: Isostatic considerations of structural differences within the Scandinavian mountain chain and links to offshore tectonics. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bull. Geol. Soc. Finland Special Issue, 1, 28.
- Ebbing, J.** & Olesen, O.: An overview of gravity and seismic studies of the Scandes. 1st TopoNorge Workshop, NGU, Trondheim, 6.-7. March. NGF Abstracts and Proceedings, 1, 12.
- Ebbing, J.** & Olesen, O.: The Scandes: Isostatic state and a review of geophysical information. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstract, 8, 10001, <http://www.cosis.net/abstracts/EGU06/10001/EGU06-J-10001.pdf>
- Ebbing, J.,** Olesen, O. & Osmundsen, P.T.: Linkage between inherited Caledonian structures and styles of extension, offshore Mid-Norway. AGU Fall Meeting, San Francisco, 11.-15. December. EOS Trans. AGU, 87, 52,
- Ebbing, J.** & Riedel, C.: Sedimentary basins and the upper crustal structure north of Iceland - Insights by a combined tomography and gravity interpretation. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstract, 8, 01731, <http://www.cosis.net/abstracts/EGU06/01731/EGU06-J-01731.pdf>
- Gernigon, L.,** Olesen, O., Ebbing, J., Mogaard, J.O., Pascal, C., Wienecke, S., Mondt, J., Norvik, O., Sand, M. & Stehen, Ø: Structure of the Jan Mayen Fracture Zone, Norwegian-Greenland Sea - Insights from the New Aeromagnetic Survey JAS-05. EAGE/EAGO/SEG Conference, Saint Petersburg, 16.-19. October.
- Gernigon, L.,** Olesen, O., Ebbing, J., Wienecke, S., Mogaard, J.O. & Pascal, C.: Structure of the Jan Mayen Fracture Zone: Implications for the tectono-magmatic processes of the Norwegian-Greenland Sea. AGU Fall Meeting, San Francisco, 11.-15. December. EOS Trans. AGU, 87, 52,
- Hansen, J.A.,** Eig, K., Bergh, S.G., Kløvjan, O., Henningsen, T. & Olesen, O.: The Hamarøya Fault, North Nordland; an onshore equivalent to the eastern boundary fault of the Vestfjorden Basin. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bull. Geol. Soc. Finland Special Issue, 1, 45.
- Meyer, R.,** van Wijk, J. & Gernigon, L.: North Atlantic Igneous Province formation: An interdisciplinary geophysical and geochemical review. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstract, 8, 08409, <http://www.cosis.net/abstracts/EGU06/08409/EGU06-J-08409.pdf>
- Olesen, O.:** Aeromagnetic mapping of deep-weathered fracture zones in the Oslo Region – a new tool for improved planning of tunnels. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bull. Geol. Soc. Finland Special Issue, 1, 117.
- Olesen, O.:** Aeromagnetic mapping of deep-weathered fracture zones in the Oslo Region – a new tool for improved planning of tunnels. 68th EAGE Conference and Exhibition incorporating SPE Europec, Vienna, Austria, 12.-15. June.
- Olesen, O.:** Platetektonikk og jordskjelvrisiko. Det Kongelige Norske Videnskabers Selskab, Akademiet, Katedralskolens festsal, Trondheim, 30. januar.
- Olesen, O.,** Ebbing, J., Elvebakk, H., Midttømme, K., Nordgulen, Ø, Pascal, C., Rønning, J.S., Skilbrei, J.R., Slagstad, T., Balling, N., Breiner, N., Kukkonen, I. & Steen, Ø: Onshore-offshore heat flow studies in Norway. 27th Nordic Geological Winter Meeting, Oulu, Finland, 9.-12. January. Bull. Geol. Soc. Finland Special Issue, 1, 116.

- Olesen, O.**, Ebbing, J., Gernigon, L., Myklebust, R., Skilbrei, J.R. & Usov, S.: Changing the established truths - Aeromagnetic re-mapping of tectonomagmatic units along the Norwegian continental margin. Sub-Basalt Exploration and Imaging, Stavanger, 29.-30. March.
- Olesen, O.**, Skelton, A., Ebbing, J. & Gernigon, L.: Is the Neogene uplift of the circum-Atlantic margin caused by serpentinisation of the lithospheric mantle? EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstract, 8, 09992, <http://www.cosis.net/abstracts/EGU06/09992/EGU06-J-09992.pdf>
- Olesen, O.**, Skelton, A., Ebbing, J., Gernigon, L. & Pascal, C.: Is the Neogene uplift of the circum-Atlantic margin caused by serpentinisation of the lithospheric mantle? 1st TopoNorge Workshop, NGU, Trondheim, 6.-7. March. NGF Abstracts and Proceedings, 1, 24.
- Pascal, C.:** Gravitational stresses and interplay between topography and lithosphere structure: a quantitative analysis. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstract, 8, 03717, <http://www.cosis.net/abstracts/EGU06/03717/EGU06-J-03717.pdf>
- Pascal, C.**, Cloetingh, S.A.P.L., Gabrielsen, R.H., Olesen, O. & Roberts, D.: The state of stress at deglaciated passive margins, case study of the Norwegian Margin. 3rd ESF Euromargins Conference, Processes at Passive Continental Margins, Bologna, Italy, 3.-7. October.
- Pascal, C.**, Roberts, D., Gabrielsen, R. & Olesen, O.: Present-day stress orientations in Norway as deduced from stress-release features and active, post-glacial reverse faulting. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstract, 8, 03909, <http://www.cosis.net/abstracts/EGU06/03909/EGU06-J-03909.pdf>
- Pascal, C.**, Roberts, D. & Gabrielsen, R.H.: Present-day stress orientations in Norway as deduced from stress-release features. The History of Convergent and Passive Margins in the Polar Realm. ILP Task Force on Sedimentary Basins Workshop, Quebec, Canada, 18.-22. September.
- Ravaut, C.**, Chabert, A., Readman, P., O'Reilly, B.M., Shannon, P.M. & Gernigon, L.: Wide-Angle Seismic Study of the Hatton Continental Margin. 68th EAGE Conference and Exhibition incorporating SPE Europec, Vienna, Austria, 12.-15. June.
- Skilbrei, J.R.**, Barrère, C., Ebbing, J., Gernigon, L., Olesen, O., Pascal, C. & Wienecke, S.: Towards new Integrated Uses of Potential Fields: Estimating the Heat Generation Potential of the Basement Underlying the Barents Sea Sedimentary Basins, North Norway, and its Importance for Hydrocarbon Maturation. AGU Fall Meeting, San Francisco, 11.-15. December. EOS Trans. AGU, 87, 52,
- Wienecke, S.**, Braitenberg, C., Ebbing, J. & Kukowski, N.: Reinterpretation of the effective elastic thickness in terms of Young's modulus variation applying the analytical solution for an elastic plate (ASEP) to the Barents Sea. AGU Fall Meeting, San Francisco, 11.-15. December. EOS Trans. AGU, 87, 52,
- Wienecke, S.**, Götze, H.-., Braitenberg, C. & Ebbing, J.: A new analytical solution for estimating flexural rigidity and application to the Andes. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstract, 8, 02231, <http://www.cosis.net/abstracts/EGU06/02231/EGU06-J-02231.pdf>

**Yamasaki, T.** & Gernigon, L.: Magmatic underplating as a possible origin of deformation localization during lithospheric extension. AGU Fall Meeting, San Francisco, 11.-15. December. EOS Trans. AGU, 87, 52,

**Yamasaki, T.** & Gernigon, L.: The style of lithospheric extension influenced by magmatic underplating. EGU General Assembly, Vienna, Austria, 2.-7. April. Geophysical research abstract, 8, 04952,  
<http://www.cosis.net/abstracts/EGU06/04952/EGU06-J-04952-3.pdf>

### **Laboratorier**

**Bergh, S.G.**, Corfu, F., Kullerud, K. & Davidsen, B.: Low-grade sedimentary rocks on Vanna, Troms, North Norway: a new correlative of the Palaeoproterozoic (2.2 - 2.4 Ga) cover suites in northern Fennoscandia. 27th Nordic Geologic Winter Meeting, Oulo, Finland, 9.-12. January.

**Grimstvedt, A.:** Eksempel på bruk av Principal Component Analysis (PCA) som hjelpemiddel i behandling av XRD-data. Norsk Kjemisk Selskap 14. norske røntgenseminar, Kristiansand, 11-13 september.

**Kullerud, K.**, Corfu, F., Bergh, S.G., Davidsen, B. & Ravna, E.K.: U-Pb constraints on the Archaean and Early Proterozoic evolution of the West Troms Basement Complex, North Norway. 27th Nordic Geologic Winter Meeting, Oulo, Finland, 9.-12. January.

**Skår, Ø:** U-Pb dating of the mineral zircon using laser ablation ICP-MS. 8th European Workshop on Laser Ablation in Elemental Analysis, ETH-Zürich, 19-21 juli.

**Smirnova, E.V.**, Flem, B., Anchutina, E.A., Pakhomova, N.N. & Petrov, L.L.: Determination of REE, Y, HFSE, Th and U for geological RMs, LSHC-1 AND Amf-1, by ICP-MS and LA-ICP-MS. Geoanalysis: The 6th International Conference on the Analysis of Geological and Environmental Materials, Beijing, 19-21 september.

### **Geodataforvaltning**

**Bang-Kittelsen, A.:** Geological Surveys role in SDIs: Norge. Nordic geological surveys network meeting for GIS and information management, SGU, Uppsala, 9. November.

**Bang-Kittelsen, A.:** Hyllevarer, brukerbehov og standarder: den perfekte symbiose? SOFTWARE 2006, Oslo, 9. februar.

**Bang-Kittelsen, A.** & Nordahl, B.: Recent trends and activities. Nordic geological surveys network meeting for GIS and information management, SGU, Uppsala, 9. November.

**Iversen, S.:** BAAT - eksempel på implementasjon med diskusjon. ND Teknologiforum, Rammeverksgruppa, Oslo, 31. mai.

**Iversen, S.:** BAAT-implementasjon på NGU - eksempler og erfaringer. ND Teknologiforum, Oslo, 14. juni.

**Iversen, S.:** Future of Internet mapping - e European viewpoint. ICA Commission on Maps and the Internet, Ottawa, 20. June.

**Iversen, S.:** Karttjenester ved NGU - bakgrunn og teknisk innføring. MAREANO - Web-møte, Trondheim, 23. februar.

**Iversen, S.:** Large format maps on the Internet. Nordic geological surveys network meeting for GIS and information management, SGU, Uppsala, 9.-10. November.

- Iversen, S.:** NGUs implementasjon av BAAT. BAAT-seminar, Gardermoen, 17. oktober.
- Iversen, S.:** Produksjon og distribusjon av kart i stort format på Internett - metoder og eksempler. Trøndelagskartdagen, Røros, 26.-27. januar.
- Iversen, S.:** Storformatkart på Internett - metoder og eksempler. Lokale kartdager Oslo og Akershus, Mastemyr, 24.-25. april.
- Moen, B.F.:** Geologi i Osloreionen, nye digitale produkter. Lokale kartdager Oslo og Akershus, Mastemyr, 25. april.
- Moen, B.F.:** GEOS - introduksjon om NGUs karttjeneste. GEOS informasjonsmøte, Oslo, 24. mai.
- Moen, B.F.:** NGU former en digital tidsalder. Foredrag for studenter fra Universitetet i Oslo, NGU, Trondheim, 4. mai.
- Moen, B.F.:** Siste nytt om bruk av satellitteknologi. Forsvarets Geoforum, Oslo, 4. mai.
- Nicolaisen, M.:** Database and integration of monitoring data. Workshop Åknes/Tafjord-projekt, Trondheim, 21. February.
- Nordahl, B.:** ArcSDE-versioning and editing with topology - problems, challenges and solutions. Nordic geological surveys network meeting for GIS and information management, SGU, Uppsala, 10. November.
- Nordahl, B.:** GIS og geodataforvaltning ved NGU. GIS - geografisk Informasjonssystem, Finnmarks fylkeskommune og Sametinget, Vadsø, 6. april.
- Nordahl, B.:** Strategy for IT and GIS 2006-2010 at NGU. Geoscience Information Consortium, PGI, Warsaw, 25. May.
- Ryghaug, P.:** Drafting the INSPIRE implementation rule on metadata: progress and issues seen from a Geological Surveys perspective. 5th Congress of European Regional Geoscientific Cartography and Information Systems , INSPIRE Workshop, Barcelona, 15. June.
- Ryghaug, P.:** Norsk geologi på Internett. Nordisk gruvemålermøte, Trondheim, 12. mai.
- Ryghaug, P.:** Standardisering av geografisk informasjon. EVU-kurs BA6000 Geografisk Informasjonsbehandling, Institutt for Geomatikk NTNU, Trondheim, 22. juni.
- Ryghaug, P.:** Standardisering av geografisk informasjon. TBA4250 Geografisk informasjonsbehandling 2, Institutt for Geomatikk NTNU, Trondheim, 8. november.
- Wesche, J.G. & Ryghaug, P.:** Metadata implementation - why make it difficult? The 18th Nordic GIS Conference, Helsinki, 2.-4. October.

## ***Alment***

- Moen, B.F.:** GEOS - presentasjon av NGUs miljølæretiltak. GEOS informasjonsmøte, Oslo, 24. mai.
- Moen, B.F.:** Naturinntrykk fra Sør-Afrika. Trondheim Lærerhøgskole, Trondheim, 4. april.
- Moen, B.F.:** NGUs kommunikasjonsplakat og kommunikasjonsplaner. NHDs kommunikasjonsgruppe, NGU, Trondheim, 11. mai.
- Moen, B.F.:** [www.sustain.no](http://www.sustain.no) - A support system for Sustainable Development. 27th Nordic Geologic Winter Meeting, Oulo, Finland, 9-12 January

## VERV I INTERNASJONALE ORGANISASJONER OG KOMITEER

**11<sup>th</sup> Euroseminar on Microscopy Applied to Building Materials**, 5-9 June 2007, Porto, Portugal: M.A.T.M. Broekmans, reviewer

**11<sup>th</sup> Nordic Research seminar on aggregates**: P.R. Neeb, organisasjonskomite

**13<sup>th</sup> International Congress on Alkali-Aggregate reaction in Concrete, 2008**: M.A.T.M. Broekmans, Editor-in-Chief.

**33igc International Geological Congress**: Organisasjonskomiteen, Moen, B.F., medlem

**Boreas**: Eiliv Larsen, board member

**CEN/TC 287**, Geographic Information: P. Ryghaug, norsk delegat teknisk komitè

**CEN/TC 287, WG5 - Spatial Data Infrastructures**: P. Ryghaug, S. Iversen, J. G. Wesche members

**CGMW/DIMAS**. Working Group on Common Standards for Digital Geological Data and data structures: P. Ryghaug, member

**CO2net**: J. Høst, member

**CUR-committee VC62**: "Alkali-silica reaction in concrete": M.A.T.M. Broekmans, medlem

**CUR-committee C106**: "Structural issues of the alkali-silica reaction in concrete": M.A.T.M. Broekmans, medlem

**Cement and Concrete Research (Elsevier)**: M.A.T.M. Broekmans, reviewer

**Circum-Arctic Geophysical Data Compilation**: C. Gaina, koordinator

**EU Working Group C on Groundwater**: J. Cramer, Norges representant.

**EuroGeosurveys**: J. Høst, contact point, A. Bjørlykke, member Excom

**EuroGeoSurvey (EGS) INSPIRE working group**: P. Ryghaug, member

**EuroGeoSurveys Geochemistry expert group**: C. Reimann

**EuroGeoSurveys Groundwater expert group**: J. Cramer

**EuroGeoSurveys Marine geology expert group**: R. Bøe

**European Association of Science Editors**: D. Roberts, medlem.

**European Environmental Agency**: B. Frengstad, Norges representant grunnvann.

**European Standardization Committee**, CEN TC 154/TG 5 og 11: P.R. Neeb og E. Erichsen medlem.

**GeoHab Working Group**: T. Thorsnes

**Geo-Marine Letters**: R. Bøe, editorial board

**Geoscience Information Consortium (GIC)**: B, Nordahl og P, Ryghaug, members

**Geoscience World Congress 2008**, 33<sup>rd</sup> IGC Oslo August: A.Bjørlykke, President, B.F. Moen, VP Communications, P.R. Neeb coordinator for the general set-up of Construction Materials symposia

**IGCP Project 440 "Assembly and break up of Rodinia"**: D. Roberts, norsk medlem, arbeidsgruppe.

**IODP Hotspot Geodynamics Detailed Planning Group**: B. Steinberger, medlem

**ISO/TC211 PT 19136**, Geographic Information - Geography 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

**INSPIRE**, Infrastructure for Spatial Information in Europe, Metadata Drafting Team:  
P. Ryghaug, member

**International Association of Hydrogeologists** – Burden Commission og  
Fennoscandian Working Group on Hardrock Hydrogeology: A. Dagestad,  
Norges representant

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

**International Continental Drilling Program (ICDP)**: Ø. Nordgulen, medlem i  
Science Advisory Group.

**International Energy Agency**: K Midttømme, leder Exec. Committee ECES-IA

**International Mineralogical Association (CAM)**: Sub-commission on Mineralogy  
Applied to Building Materials: M.A.T.M. Broekmans, chairman.

**International Standardisation Organisation, ISO/TC 211**, Geographic Information  
and Geomatics: P. Ryghaug, norsk delegat teknisk komitè

**International Subcommittee on Ediacara Stratigraphy**: V.A. Melezhik, voting  
member.

**International Quaternary Association (INQUA)**: Eiliv Larsen, national  
representative.

**Journal of the Geological Society of London**: T.H. Torsvik, styremedlem

**Materials Characterization** (Elsevier): M.A.T.M. Broekmans, Associate Editor

**RILEM TC-ACS** Technical Committee on Alkali-silica reactions in Concrete  
Structures, Paris, France: M.A.T.M. Broekmans, member

**Russian Academy of the Natural Sciences**: V.A. Melezhik, corresponding member.

**SETSCO Special Seminar on Discovering Petrography**, Singapore, 07 July:  
M.A.T.M. Broekmans, chairman.

**Terra Nova**: T.H. Torsvik, styremedlem

## VERV I NASJONALE ORGANISASJONER OG KOMITEER

- Arcen - Norsk brukerklubb for ESRI programvare:** B. Nordahl, leder tom februar
- Artsbanken, Ny Norsk Naturtypeinndeling (NNN):** T. Thornes, medlem av ekspertgruppe
- 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 medlem
- Forum for samordning av norsk vannbistand:** A. Dagestad, medlem.
- Fylkesdelplan for sand-, grus- og pukkressurser på Jæren:** Rogaland fylkeskommune: Knut Wolden medlem i prosjektgruppe.
- IEA heat pump:** K. Midttømme, medlem nasjonal gruppe
- Implementering EUs Vanndirektiv:** J. Cramer medlem Arbeidsgrupper Grunnvann og Overvåking.
- International Association of Hydrogeologists (IAH-Norge):** B. Frengstad og S. Gaut, styremedlemmer.
- Kriseutvalgets faglige råd ved atomulykker:** M.A. Smeturst, medlem
- Magma Geopark:** G.B. Meyer, medlem av referansegruppe
- Nasjonalt råd for forurensede sedimenter:** T. Thorsnes
- Norge Digitalt, Teknologiforum:** S. Iversen, A. Bang-Kittilsen og P. Ryghaug, medlemmer
- Norge Digitalt, Metadatagruppe:** J.G. Wesche og P. Ryghaug, medlemmer
- Norge Digitalt, Temadataforum:** A. Bang-Kittilsen og P. Ryghaug, medlemmer
- Norge Digitalt, Referansegruppa:** P. Ryghaug, representant for NHD
- Norges forskningsråds råd for Laboratoriet for radiologisk datering:** L. Olsen, varamann.
- Norsk Bergforening:** P.R. Neeb, styremedlem.
- Norsk Fjellmuseum:** Moen, B.F., nestleder i styret
- Norsk Geologisk Forening:** A. Lyså, styremedlem, T. Thorsnes, generalsekretær
- Norsk Havforskerforening:** T. Thorsnes
- Norsk hydrologiråds populærvitenskapelige pris "Viten om vann":** Moen, B.F., medlem i bedømmelseskomiteen
- Norsk samarbeidsråd for marine vitenskaper (NOSAM):** T. Thorsnes
- Norsk Standard:** Komiteen for tilslag: E. Erichsen og P.R. Neeb medlem
- Norsk stratigrafisk komite:** L. Olsen, medlem
- Norsk Teknologistandardiserings K 176,** Referansegruppen for nasjonal og internasjonalstandardisering av geografisk informasjon (SOSI, CEN og ISO): P. Ryghaug, medlem.
- Norwegian journal of geology:** M. Smelror, redaktør, L. Olsen, medredaktør, T.H. Torsvik, styremedlem
- Program for Nasjonal overvåking av marint biologisk mangfold i havområder og Arktis:** T. Thorsnes
- SOSI-arbeidsgruppe 1,** Teknikker og modeller: P. Ryghaug og B. Nordahl, medlemmer
- SOSI-arbeidsgruppe 6,** Naturressursdata: P. Ryghaug, medlem
- Vegdirektoratet:** Styringsgruppe for steinmaterialer: P.R. Neeb medlem

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

**Høgskulen i Sogn og Fjordane (HSF):** B. Nordahl

**Lund universitet:** A. Lyså

**Norges Tekniske Naturvitenskapelige Universitet:** A. Bang-Kittelsen, T. Bargel, R.

Bøe, J. Ebbing, H. Elvebakk, E. Erichsen, B. Frengstad, T. Grenne, A.

Grimstvedt, I. Lindahl, O. Longva, K. Midttømme, P.R. Neeb, B. Nordahl, L.

Olsen, O. Olesen, Ø. Nordgulen, L. Rise, D. Roberts, H. Schiellerup, J.R.

Skilbrei, M.A. Smethurst

**Sveriges geologiska undersökning:** L. Olsen, evaluering av prosjektsøknader

**Universitetet i Bergen:** J. Cramer, L. Olsen, P.T. Osmundsen, D. Roberts, J.S.

Rønning

**Universitetet i Oslo:** Ø. Nordgulen

**Universitetet i Stockholm:** D. Ottesen

**Universitetet i Tartu:** A. Lepland

**Universitetet i Tromsø:** B. Bergstrøm, A. Engvik, L. Olsen, P.T. Osmundsen

**Universitetet i Tromsø, Forskerskolen for maringeologi og geofysikk:** D. Ottesen,

L. Plassen

**University of Durham:** D. Roberts

**University of Liverpool:** T.H. Torsvik

**University of Sydney:** S. Buiter

**University of Johannesburg:** T.H. Torsvik

**Universität Bern:** S. Buiter

**Universität Frankfurt am Main:** B. Steinberger