



GEOLOGI FOR SAMFUNNET

SIDEN 1858



**NORGES
GEOLOGISKE
UNDERSØKELSE**
· NGU ·

ÅRSMELDING 2017

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KART OG PUBLIKASJONER UTGITT AV NGU

Kart

Oversikten gjelder kart utgitt i forskjellige målestokker på papir som farvetrykk eller farveplott. Prisen på et farge plottkart i normal kvalitet (inntil A0 størrelse) vil være kr. 150,-. Kartene finnes også som pdf, og kan lastes ned gratis.

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Berggrunnskart

M 1:50 000

Asker 1814-1 (Lutro, O., Graversen, O., Larsen, B.T., Naterstad, J., Bockelie, J.F. & Bockelie, T.)

Helligskogen og Coahppejávri, 1633-2 og 1733-3 (Zwaan, K.B. & Binns, R.E.)

Oslo 1914-4 (Graversen, O., Nordgulen, Ø. & Lutro, O.)

Kvartærgeologiske kart

M 1:15 000

Skjomdalen, Narvik kommune (Eilertsen, R. & Stalsberg, K.)

M 1:20 000

Roan kyst, Roan kommune (Hansen, L., Eilertsen, R., Rubensdotter, L., Sletten, K. & Solberg, I.L.)

M 1:50 000

Glomfjord 1928-1 (Olsen, L. & Bergstrøm, B.)

M 1:100 000

Lierne kommune (Olsen, L., Sveian, H. & Riiber, K.)

Maringeologiske kart

(Digitale kart tilgjengelig på: <http://www.ngu.no/hm/Kart-og-data/> eller <http://www.mareano.no>)

- Baeten, N.J. & Lepland, A.: Ankringsforhold. Frænfjorden.
- Baeten, N.J. & Lepland, A.: Bunnfellingsområder. Frænfjorden.
- Baeten, N.J. & Lepland, A.: Bunnsedimenter (kornstørrelse). Frænfjorden.
- Baeten, N.J. & Lepland, A.: Gravbarhet. Frænfjorden.
- Baeten, N.J. & Lepland, A.: Bunnsedimenter (dannelse). Boks 6 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land.
- Baeten, N.J. & Lepland, A.: Bunnsedimenter (kornstørrelse). Boks 6 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land.
- Baeten, N.J. & Lepland, A.: Sedimentasjonsmiljø. Boks 6 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land.
- Bellec, V., Baeten, N.J. & Lepland, A.: Landformer. Boks 6 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land.
- Bellec, V. & Lepland, A.: Bunnsedimenter (dannelse). Boks 4 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land.
- Bellec, V. & Lepland, A.: Bunnsedimenter (dannelse). Boks 5 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land
- Bellec, V. & Lepland, A.: Bunnsedimenter (dannelse). Boks 7 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land.
- Bellec, V. & Lepland, A.: Bunnsedimenter (kornstørrelse). Boks 4 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land.
- Bellec, V. & Lepland, A.: Bunnsedimenter (kornstørrelse). Boks 5 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land.
- Bellec, V. & Lepland, A.: Bunnsedimenter (kornstørrelse). Boks 7 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land
- Bellec, V. & Lepland, A.: Landformer. Boks 4 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land.
- Bellec, V. & Lepland, A.: Landformer. Boks 5 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land.
- Bellec, V. & Lepland, A.: Landformer. Boks 7 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land.
- Bellec, V. & Lepland, A.: Sedimentasjonsmiljø. Boks 4 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land.
- Bellec, V. & Lepland, A.: Sedimentasjonsmiljø. Boks 5 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land
- Bellec, V. & Lepland, A.: Sedimentasjonsmiljø. Boks 7 i MAREANO-transekt Bjørnøyrenna - Kong Karls Land.
- Bellec, V. & Lepland, A.: Bunnsedimenter (dannelse). Boks 5 i MAREANO-transekt Nordkapp-Sørkapp.
- Bellec, V. & Lepland, A.: Bunnsedimenter (dannelse). Boks 7 i MAREANO-transekt Nordkapp-Sørkapp.
- Bellec, V. & Lepland, A.: Bunnsedimenter (kornstørrelse). Boks 5 i MAREANO-transekt Nordkapp-Sørkapp.
- Bellec, V. & Lepland, A.: Bunnsedimenter (kornstørrelse). Boks 7 i MAREANO-transekt Nordkapp-Sørkapp.
- Bellec, V. & Lepland, A.: Landformer. Boks 5 i MAREANO-transekt Nordkapp-Sørkapp.

- Bellec, V. & Lepland, A.: Landformer. Boks 7 i MAREANO-transekt Nordkapp-Sørkapp.
- Bellec, V. & Lepland, A.: Sedimentasjonsmiljø. Boks 5 i MAREANO-transekt Nordkapp-Sørkapp
- Bellec, V. & Lepland, A.: Sedimentasjonsmiljø. Boks 7 i MAREANO-transekt Nordkapp-Sørkapp.
- Bellec, V., Lepland, A., Elvenes, S., Plassen, L., Dolan, M., Bjarnadóttir, L. R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 70003200, April 2017. M 1: 100 000. Norges geologiske undersøkelse.
- Bellec, V., Lepland, A., Elvenes, S., Plassen, L., Dolan, M., Bjarnadóttir, L. R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 70303200, April 2017. M 1: 100 000. Norges geologiske undersøkelse.
- Bellec, V., Lepland, A., Elvenes, S., Plassen, L., Dolan, M., Bjarnadóttir, L. R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 71003200, April 2017. M 1: 100 000. Norges geologiske undersøkelse.
- Bellec, V., Lepland, A., Elvenes, S., Plassen, L., Dolan, M., Bjarnadóttir, L. R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 71303200, April 2017. M 1: 100 000. Norges geologiske undersøkelse.
- Bellec, V., Olsen, H., Lepland, A., Elvenes, S., Plassen, L., Dolan, M., Bjarnadóttir, L. R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 72003200, April 2017. M 1: 100 000. Norges geologiske undersøkelse.
- Bellec, V., Olsen, H., Lepland, A., Elvenes, S., Plassen, L., Dolan, M., Bjarnadóttir, L. R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 72003400, April 2017. M 1: 100 000. Norges geologiske undersøkelse.
- Bellec, V., Plassen, L. & Lepland, A.: Landformer. Boks 2 i MAREANO-transekt Bjørnøyrenna-Kong Karls Land.
- Elvenes, S. & Lepland, A.: Ankringsforhold. Porsangerfjorden
- Elvenes, S. & Lepland, A.: Bunnfellingsområder. Porsangerfjorden.
- Elvenes, S. & Lepland, A.: Bunnsedimenter (kornstørrelse). Porsangerfjorden
- Elvenes, S. & Lepland, A.: Dybdeforhold. Porsangerfjorden.
- Elvenes, S. & Lepland, A.: Gravbarhet. Porsangerfjorden
- Elvenes, S. & Lepland, A.: Skråning. Porsangerfjorden.
- Elvenes, S. & Lepland, A.: Bunnsedimenter (dannelse). Boks 1 i MAREANO-transekt Bjørnøyrenna-Kong Karls Land
- Elvenes, S. & Lepland, A.: Bunnsedimenter (kornstørrelse). Boks 1 i MAREANO-transekt Bjørnøyrenna-Kong Karls Land.
- Elvenes, S. & Lepland, A.: Landformer. Boks 1 i MAREANO-transekt Bjørnøyrenna-Kong Karls Land.
- Elvenes, S. & Lepland, A.: Sedimentasjonsmiljø. Boks 1 i MAREANO-transekt Bjørnøyrenna-Kong Karls Land.
- Jakobsen, F. & Lepland A.: Bunnsedimenter (dannelse). Boks 2 i MAREANO-transekt Nordkapp-Sørkapp.
- Jakobsen, F. & Lepland A.: Bunnsedimenter (dannelse). Boks 3 i MAREANO-transekt Nordkapp-Sørkapp
- Jakobsen, F. & Lepland A.: Bunnsedimenter (dannelse). Boks 4 i MAREANO-transekt Nordkapp-Sørkapp
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- Jakobsen, F. & Lepland A.: Bunnsedimenter (kornstørrelse). Boks 3 i MAREANO-transekt Nordkapp-Sørkapp.
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- Jakobsen, F. & Lepland A.: Sedimentasjonsmiljø. Boks 4 i MAREANO-transekt Nordkapp-Sørkapp
- Jacobsen, F., Olsen, H.A. & Lepland, A.: Landformer. Boks 6 i MAREANO-transekt Nordkapp-Sørkapp
- Jakobsen, F., Plassen L., Olsen, H., Lepland, A., Elvenes, S., Bellec, V., Dolan, M., Bjarnadóttir, L. R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 73303200, April 2017. M 1: 100 000. Norges geologiske undersøkelse.
- Jakobsen, F., Plassen L., Olsen, H., Lepland, A., Elvenes, S., Bellec, V., Dolan, M., Bjarnadóttir, L. R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 73303600, April 2017. M 1: 100 000. Norges geologiske undersøkelse.
- Olsen, H.A., Bellec, V., Lepland, A., Elvenes, S., Plassen L., Dolan, M., Bjarnadóttir, L. R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 72303200, April 2017. M 1: 100 000. Norges geologiske undersøkelse.
- Olsen, H.A. & Lepland, A.: Bunnsedimenter (dannelse). Boks 6 i MAREANO-transekt Nordkapp-Sørkapp
- Olsen, H.A. & Lepland, A.: Bunnsedimenter (kornstørrelse). Boks 6 i MAREANO-transekt Nordkapp-Sørkapp
- Olsen, H.A. & Lepland, A.: Sedimentasjonsmiljø. Boks 6 i MAREANO-transekt Nordkapp-Sørkapp
- Olsen, H., Plassen L., Lepland, A., Elvenes, S., Bellec, V., Dolan, M., Bjarnadóttir, L. R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 72303400, April 2017. M 1: 100 000. Norges geologiske undersøkelse.
- Olsen, H., Plassen L., Lepland, A., Elvenes, S., Bellec, V., Dolan, M., Bjarnadóttir, L. R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 73003200, April 2017. M 1: 100 000. Norges geologiske undersøkelse.
- Olsen, H., Plassen L., Lepland, A., Elvenes, S., Bellec, V., Dolan, M., Bjarnadóttir, L. R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 73003600, April 2017. M 1: 100 000. Norges geologiske undersøkelse.
- Plassen, L., Bellec, V. & Lepland, A.: Landformer. Boks 3 i MAREANO-transekt Bjørnøyrenna-Kong Karls Land

- Plassen L., Jakobsen, F., Olsen, H., Lepland, A., Elvenes, S., Bellec, V., Dolan, M., Bjarnadóttir, L. R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 73303400, April 2017. M 1: 100 000. Norges geologiske undersøkelse.
- Plassen, L. & Lepland, A.: Bunnsedimenter (dannelse). Boks 1 i MAREANO-transekt Nordkapp-Sørkapp
- Plassen, L. & Lepland, A.: Bunnsedimenter (dannelse). Boks 2 i MAREANO-transekt Bjørnøyrenna-Kong Karls Land
- Plassen, L. & Lepland, A.: Bunnsedimenter (dannelse). Boks 3 i MAREANO-transekt Bjørnøyrenna-Kong Karls Land
- Plassen, L. & Lepland, A.: Bunnsedimenter (kornstørrelse). Boks 1 i MAREANO-transekt Nordkapp-Sørkapp
- Plassen, L. & Lepland, A.: Bunnsedimenter (kornstørrelse). Boks 2 i MAREANO-transekt Bjørnøyrenna-Kong Karls Land
- Plassen, L. & Lepland, A.: Bunnsedimenter (kornstørrelse). Boks 3 i MAREANO-transekt Bjørnøyrenna-Kong Karls Land
- Plassen, L. & Lepland, A.: Landformer. Boks 1 i MAREANO-transekt Nordkapp-Sørkapp
- Plassen, L. & Lepland, A.: Sedimentasjonsmiljø. Boks 1 i MAREANO-transekt Nordkapp-Sørkapp
- Plassen, L. & Lepland, A.: Sedimentasjonsmiljø. Boks 2 i MAREANO-transekt Bjørnøyrenna-Kong Karls Land.
- Plassen, L. & Lepland, A.: Sedimentasjonsmiljø. Boks 3 i MAREANO-transekt Bjørnøyrenna-Kong Karls Land
- Plassen L., Olsen, H., Lepland, A., Elvenes, S., Bellec, V., Dolan, M., Bjarnadóttir, L. R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 73003400, April 2017. M 1: 100 000. Norges geologiske undersøkelse.

Publikasjoner og bøker

Mineraler for det grønne skiftet / Minerals for the green economy

Heldal, T., Schiellerup, H & Aasly, K., 27 s.

Mineralske ressurser i bakken – oversikt og analyser i 2016

Erichsen, E., Heldal, T., Keiding, J., Schiellerup, H., Aasly, K.A. & Raaness, A. 33 s.
(https://www.ngu.no/sites/default/files/Ressursanalyse_2016_spreads.pdf)

Mjøsområdet, geologi og landskap. «Norges skjønneste og frugtbareste egn»

Dahl, R., Nashoug, O. & Nystuen, J.P. (red.). 274 s.

Brosjyrer

(<http://www.ngu.no/emne/brosjyrer>)

Kort om NGU – informasjonsfolder (norsk og engelsk), oppdatert pr. 2017

I serien NGU-Fokus (<http://www.ngu.no/emne/ngu-fokus>)

- Grønn energi (Heldal, T. & Schiellerup, H.)
- Framtidas teknologi (Heldal, T. & Schiellerup, H.)
- Kortreiste byggeråstoffer (Aasly, K., Libach, L. & Erichsen, E.)
- Marin grense og marin leire (Lyså, A. & Hansen, L.)

Forenklete geologiske kart til undervisningsbruk

- Hvor kommer sand, grus og leire fra? Løsmassekart Trondheim (Bjerke, C., Jurus, A., Keiding, J.K. & Løvø, G.)
- Hvilken stein finner du i Trondheim? Berggrunnskart Trondheim (Bjerke, C., Jurus, A., Keiding, J.K. & Løvø, G.)
- Hvor høyt sto havet i Trondheim etter siste istid? Marin grense Trondheim (Bjerke, C., Jurus, A., Keiding, J.K. & Løvø, G.)
- Har vi radiokative områder i Trondheim? Radon aktsomhetskart (Bjerke, C., Jurus, A., Keiding, J.K. & Løvø, G.)
- Hvor finner vi grus og pukk i Trondheim? Grus- og pukkforekomster (Bjerke, C., Jurus, A., Keiding, J.K. & Løvø, G.)
- Hvor magnetisk er berggrunnen i Trondheim? Kart over magnetisme målt fra luften (Nasuti, A., Olesen, O., Bjerke, C., Løvø, G. & Keiding, J.K.)

Publisering på nett

NGUs nettportal:

NGUs kommunikasjonskanal på nett

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

MAREANO - Marin arealdatabase for norske kyst- og havområder:

Kunnskap om havet: MAREANO kartlegger dybde, bunnforhold, naturtyper og forurensning i norske havområder. Resultatene gjøres tilgjengelig på disse nettsidene og visualiseres ved hjelp av kart. I tillegg leverer en rekke samarbeidspartnere data og kart fra sin virksomhet.

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

Grunnvann i Norge:

Nettstedet inneholder både generell kunnskap og spesifikk informasjon om grunnvann i Norge. Her finnes blant annet informasjon om bruk, forvaltning og forskning.

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

Prospecting.no - Norske malmforekomster:

Detaljert informasjon om malmforekomstene i hele fastlands-Norge er samlet og gjort tilgjengelig på Internett. Norges geologiske undersøkelse (NGU) og Bergvesenet har sammen etablert nettportalen.

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

NGU på Facebook

<https://www.facebook.com/Norges.geologiske.undersokelse>

Geologibloggen

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

- 10. februar: Første PACT-møte i GOA / First PACT-meeting in GOA. Kari Grøsfjeld
- 31. mars: Nye geologiske kart fra Barentshavet. Reidulv Bøe, Valerie Bellec, Frank Werner Jakobsen, Nicole Jeanne Baeten, Liv Plassen, Sigrid Elvenes, Aave Lepland & Terje Thorsnes
- 5. april: Undersøkte trekant-jordskred. Gro Sandøy
- 20. april: Avsluttet første MAREANO-tokt. Henning Jensen, Valerie Bellec & Frank Werner Jakobsen
- 25. april: Mens vi venter på Mannen. Ane K. Engvik
- 2. mai: Sinnssyke skyvedekker. Morten Smelror
- 19. mai: Valkyrien-thriller fra virkeligheten. Odleiv Olesen
- 6. juni: Derfor trenger vi kart over den norske berggrunnen. Ane K. Engvik
- 28. juli: På fossiljakt i ... Trøndelag? Phillip Gundersen
- 7. august: Tunneldriving starter fra oven. Odleiv Olesen
- 18. august: Potent geologi i parken. Aleksandra Lucja Jurus & Rolv Dahl
- 15. september: Atmosfæren i galehuset / The atmosphere in the madhouse. Ola M. Sæther
- 2. oktober: Aktiv norsk deltakelse i boreprogram. Morten Smelror
- 11. oktober: Tilgang til kritiske mineraler og materialer. Morten Smelror

25. oktober: Til Dovre faller. Rolv M. Dahl & Fredrik Høgaas
7. november: «Her har det aldri gått skred». Gro Sandøy
13. november: The warehouse of the past. Martin Klug
16. november: Kan radon komme inn i huset mitt? Guri Venvik
27. november: Kan det gå kvikkleireskred på tomta mi? Inger-Lise Solberg & Louise Hansen
28. november: Collaborative work in Germany. Jochen Knies

NGU-rapporter

Byggeråstoffer

- Erichsen, E.:** Oversikt over variasjon i Los Angeles-verdi og poleringsmotstand (PSV) basert på informasjon fra Grus- og pukkdatabasen og mineralstatistikk. Revisjon av Statens vegvesens håndbok N200-Vegbygging. NGU-rapport 2017.040.
- Keiding, J. & Libach, L.:** Undersøkelse av pukkkressurser i Røyken kommune 2016. NGU-rapport 2017.010.
- Keiding, J. & Aasly, K.A.:** Undersøkelse av pukkkforekomsten Hanekleiva i Sande Kommune, Vestfold. NGU-rapport 2017.012.
- Neeb, P.R.:** Norway's coastal aggregates. Export in 2016 and potential deposits. NGU-report 2017.026.
- Simoni, M., Tangstad, R. & Keiding, J.:** Undersøkelser av pukkkforekomst Langemyr i Lillesand kommune. NGU-rapport 2017.016. Konfidensiell
- Wolden, K., Margreth, A., Tassis, G. & Neeb, P.R.:** Georadarundersøkelser på Kilemoen, Ringerike kommune. NGU-rapport 2017.039. Konfidensiell

Fastfjellsgeologi

- Torgersen, E., Henderson I.H.C. & Ganerød, M.:** 3D-modellering og visualisering av Klevan skiferbrudd, Oppdal Sten A/S, Oppdal, Sør-Trøndelag. NGU-rapport 2017.019.

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- Fredin, O.:** GEOG3523 GIS data capture and mapping. Foredrag, øvelser og kursansvar. NTNU, Trondheim, høst 2017.
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- Larsen, E.:** Klimaendringer i fortid og framtid: geologisk respons og utfordringer. Pensjonistforeningen ved NGU, Trondheim, 28. februar 2017.
- Larsen, E. & Lyså, A.:** Jan Mayen - Glaciations, palaeoenvironments and volcanism. Guest lecture, Stockholm University, 17 January 2017.

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- Baeten, N.J., Lepland, A. & Longva, O.:** NYKOS - Status WP3 - March 2017. NYKOS (New Knowledge on Sea Disposal), Gardermoen, 29. mars 2017.
- Baranwal, S.:** Indonesian throughflow and Australian monsoon studies from IODP 356. National Institute of Oceanography (NIO), Goa, 19 January 2017.
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(Foraminifera and Nannofossil spring meeting), University of Birmingham, UK, 19-21 June 2017.

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- Bjarnadóttir, L.R.** & Thorsnes, T.: The national seafloor mapping programme of Norway - providing new knowledge for making informed management decisions. AGU Fall Meeting, New Orleans, 11-15 December 2017.
- Buenz, S.**, Plaza-Faverola, A., Chand, S., Vadakkepuliambatta, S., Franek, P., Portnov, A., Singroha, S., Waghorn, K., Waage, M., Valberg, E. & Mienert, J.: Gas hydrate systems on Arctic margins around Svalbard and in the Barents Sea. 9th International Conference on Gas Hydrates (ICGH9), Denver, Colorado, 25-30 June 2017.
- Bøe, R.**: Geologi på havbotnet - viktig for sjøfuglane. Sjøfuglseminar, Runde Miljøsenner, 28. februar 2017.
- Bøe, R.**: Mapping of landslides in the marine environment. Foredrag for GEUS, NGU, Trondheim, 2. oktober 2017.
- Bøe, R.**: Marine data fra Trøndelagskysten - hvilke data har man fra prosjekter? Fagdag "Marine data for kystkommunene i Trøndelag", Stjørdal, 29.-30. november 2017.
- Bøe, R.**: Marine geology at the Geological Survey of Norway. EuroGeoSurveys Marine Geology Expert Group, Roma, 29. September 2017.
- Bøe, R.**: Marine grunnkart for næring og forvaltning. Foredrag for Fiskeriministeren og Nærings- og Fiskeridepartementet, NGU, Trondheim, 17. januar 2017.
- Bøe, R.**: Marine grunnkart fra NGU. Norge Digitalt, Regionmøte i Rogaland, Aksdal, 8. februar 2017.
- Bøe, R.**: Marine grunnkart fra NGU. Norge Digitalt, Regionmøte i Rogaland, Sandnes, 9. februar 2017.
- Bøe, R.**: Marine grunnkart i prosjektet "Aktiv forvaltning av Marine Ressurser". Oppstartmøte, Sistranda, Frøya, 20. september 2017.
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- Bøe, R.** & Høst, J.: Samfunnsnyttene av MAGIN. Pre-MAGIN kick-off-møte, Stavanger, 18.-19. april 2017.

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- Dolan, M.F.J. & Lucieer, V.L.:** Visual Soundings (Poster). GeoHab, Halifax, Canada, 1-5 May 2017.
- Elvenes, S.:** Havets geologi. Realfagskonferansen, NTNU, Trondheim, 4. mai 2017.
- Elvenes, S.:** Marine grunnkart - havbunnen dekkes. Marin Arena, Kristiansund, 17. januar 2017.
- Elvenes, S.:** Marine grunnkart i kystsonen. NGU-dagen: Det grønne skiftet, NGU, Trondheim, 6.-7. februar 2017.
- Elvenes, S.:** Maringeologi. Foredrag for nye NTNU-studenter i Teknostart-programmet, NGU, Trondheim, 23. august 2017.
- Elvenes, S.:** Maringeologi: vi slår på lyset under vann. Foredrag for lærere fra Romsdal, NGU, Trondheim, 24. mars 2017.
- Fabian, K.:** Endmember analysis in rock magnetism: Methods and applications. International Conference on Paleomagnetism and Rock Magnetism, Kazan, Russia, 2-7 October 2017.
- Fabian, K., Knies, J. & Klug, M.:** Fourier Transform Infrared (FTIR) Spectroscopy of geological samples. NorCrust status meeting, NGU, Trondheim, 23. mai 2017.
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- Fabian, K.**, Reimann, C., Klug, M. & GEMAS project Team: GEMAS – geochemical mapping of agricultural soil of Europe: Towards calibration of Sentinel Level 2 Data. 30 years EuroGeoSurveys, Geochemistry Expert Group and 20 years IUGS Commission on Global Geochemical Baselines Meeting, Geologische Bundesanstalt (GBA), Vienna, 20-21 April 2017.
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- Jensen, H.** & Boitsov, S.: Metal concentrations and changes in concentrations during the past 150 years in Norwegian marine sediments - results from the MAREANO marine mapping program (Poster). 16th International Conference on Chemistry and the Environment (ICCE), Oslo, 18-22 July 2017.
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- Lepland, A.**: Formation and chronology of methane-derived authigenic carbonates on Norwegian continental margin: NGU-BGS collaboration. BGS, Edinburgh, September 2017.
- Lepland, A.**: Marine applications: microanalyses of diagenetic seep carbonates and phosphates. CAMOC Seminar on Micro Analyses, NGU, Trondheim, 16-17 February 2017.
- Lepland, A.**: Methane-derived authigenic carbonates – window to past methane emissions. Bubbles 2017 International Training School, Tromsø, 13 June 2017.
- Lepland, A.**: Paleoproterozoic global changes and formation of oldest global phosphorites. Hilary Term 2017, Geology Seminar Series, Trinity College Dublin, 10 February 2017.

- Lepland, A.:** Paleoproterozoic global events and Onega Basin chemostratigraphy. COST Origins field training school - Early earth and life, Karelia, Russia, 21-31 August 2017.
- Lepland, A.:** Triggers of the first global phosphorite formation two billion years ago. Early Earth and ExoEarths: origin and evolution of life, Warsaw, Poland, 3-7 April 2017.
- Lepland, A.,** Prave, A. & Kirsimäe, K.: High Paleoproterozoic seawater sulphate recorded in Earth's oldest known large evaporate basin. Goldschmidt Conference, Paris, France, 13-18 August 2017.
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- Thorsnes, T.**: Hovedkonklusjoner ICES og veien videre. MAREANO-konferansen, Oslo, 18. oktober 2017.
- Thorsnes, T.**: Kva er Storegga? Fiskerihistorisk seminar "400 år på Storegga", Longva, 26. august 2017.
- Thorsnes, T.**: MAREANO update. MIM (MAREANO - INFOMAR - MAREMAP) meeting, Geological Survey of Ireland, Dublin, 4-6 April 2017.
- Thorsnes, T.**: Marine grunnkart fra Sunnmøre setter standard for forvaltning av norskekysten. Fosnavågkonferansen, Fosnavåg, 22. juni 2017.
- Thorsnes, T.**: Slår på lyset på havbunnen. Foredrag for Fiskeriministeren og Nærings- og Fiskeridepartementet, NGU, Trondheim, 17. januar 2017.
- Thorsnes, T.** & Bjarnadóttir, L.R.: Experiences from using autonomous underwater vehicles and synthetic aperture sonar for sediment and habitat mapping. AGU Fall Meeting, New Orleans, 11-15 December 2017.
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- Thorsnes, T.**, Bjarnadóttir, L.R., Jakobsen, F., Bellec, V., Dolan, M., Lågstad, P. & Olsen, K.T.: Using AUV for sediment mapping – experiences from a MAREANO pilot project, Norway. GeoHab, Halifax, Canada, 1-5 May 2017.
- Thorsnes, T.**, Hareide, N.R. & Longva, O.: Storegga and Mørebankene – glaciations and submarine slides created one of the world's largest "food trays". Norske Havforskeres Forening Årsmøte, Bergen, 19 October 2017.
- Thorsnes, T.**, Jarna, A., Baeten, N.J. & Elvenes, S.: MAREANO geomorphology update. MIM (MAREANO - INFOMAR - MAREMAP) meeting, Geological Survey of Ireland, Dublin, 4-6 April 2017.
- Thorsnes, T.** & Klingsheim, J.: Involving industry data providers and users in marine data acquisition, management and sharing activities: experiences from the MAREANO programme. European Maritime Day 2017 - Blue Growth Challenge, Poole, UK, 18 may 2017.

- Williams, W.,** Nagy, L., Muxworthy, A., Fabian, K., Shah, J. & Almeida, T.: Thermal stability of palaeomagnetic recorders. International Conference on Rock Magnetism (ICRM2017), Utrecht, the Netherlands, 10-14 July 2017.
- Üpraus, K.,** Lepland, A., Zerkle, A., Wing, B.A., Kreitsmann, T., Kirsimäe, K., Bui, T.H. & Panieri, G.: Multiple S isotopes record environmental changes in the 2 Ga Zaonega Fm (Poster). Goldschmidt Conference, Paris, France, 13-18 August 2017.

Mineralressurser

- Bjerkgård, T.,** Svenningsen, R.O., Sandstad, J.S., Keiding, J., Lutro, O., Saalman, K., Snook, B.R. & Angvik, T.L.: The setting and formation of massive sulphide deposits in the Lower Kõli Nappes, Hattfjelldal, Nordland, Norway. Arctic Days Conference, Svolvær, 29 May - 2 June 2017.
- Broekmans, M.:** Mineral properties and identification. Mini-seminar, Trondheim International School (THIS), Trondheim, May 2017.
- Broekmans, M.:** Sample preparation and crystallinity of samples for XRD. CAMOC Seminar on Micro Analyses, NGU, Trondheim, 16-17 February 2017.
- Broekmans, M. & Rammlair, D.:** Mineralogy, geochemistry and valorization of industrial and mining waste. 13th International Congress for Applied Mineralogy (ICAM), Bari, Italy, 5-9 June 2017.
- Decrée, S.,** Ihlen, P., Schiellerup, H., Hallberg, A., Demetriades, A., Raha, M. & Soesoo, A.: Phosphate and associated strategic elements: a European perspective. Society of Economic Geologists (SEG) Annual Meeting, Beijing, 17-20 September 2017.
- Decrée, S.,** Ihlen, P., Schiellerup, H., Hallberg, A., Demetriades, A., Raha, M. & Soesoo, A.: The potential of phosphate and associated Critical Raw Materials (CRMs) in Europe. 14th SGA Biennial meeting, Quebec City, 20-23 August 2017.
- Gautneb, H.,** Davidsen, B., Elvebakk, H., Engvik, A., Gellein, J., Henderson, I., Knezevic, J., Koziel, J., Larsen, B.E., Ofstad, F. & Rønning, J.S.: Grafitt, svart mineral, grønne bruksområder. NGU-dagen, NGU, Trondheim, 7.-8. februar 2017.
- Gautneb, H.,** Knezevic, J., Larsen, B.E., Henderson, I., Ofstad, F., Elvebakk, H., Gellein, J. & Rønning, J.S.: Graphite deposits in northern Norway: a review and latest exploration results. Arctic Days Conference, Svolvær, 29 May - 2 June 2017.
- Gautneb, H.,** Knezevic, J., Rønning, J.S., Ahtola, T., Blomquist, R., Lynch, E. & Abelsen, T.: Graphite in Fennoscandia, with emphasis on Norway. 9th Mineral Resource Assessment Workshop, GEUS, Copenhagen, 23-24 November 2017.
- Granseth, A.U.,** Slagstad, T., Coint, N., Sørensen, B.E. & Roberts, N.M.W.: Tectonomagmatic evolution of the Sveconorwegian orogen recorded in the chemical and isotopic composition of 1070–920 Ma granites. Goldschmidt Conference, Paris, 13-18 August 2017.
- Henderson, I.H.C.,** Ganerød, M., Torgersen, E. & Bang-Kittilsen, A.: 3D modellering og visualisering av forekomster med UAV teknologi. Mineralklynge Norge, Bodø, 18. januar 2017.
- Henderson, I.H.C.,** Ganerød, M., Torgersen, E. & Bang-Kittilsen, A.: 3D modelling and visualising of resource deposits in Norway with UAV

- technology and 3D MOVE . Arctic Days Conference, Svolvær, 29 May - 2 June 2017.
- Ihlen, P.M.:** Kvartsråstoffer. NGU-dagen, NGU, Trondheim, 6. februar 2017.
- Knežević, J.,** Raanees, A.M., Haldal, T., Aasly, K.A., Gautneb, H., Wanvik, J.E., Larsen, B.E. & Elvebakk, H.: Defining areas of mineral deposits and a new classification of mineral deposits according to INSPIRE directive. Arctic Days Conference, Svolvær, 29 May - 2 June 2017.
- Korneliussen, A.:** Mineralressurser i Sogn og Fjordane. Næringsdagane, Loen, 10.-11. mai 2017.
- Korneliussen, A.,** Bialecki, R., Raaness, A. & Walder, I.F.: Potentials for future value creation based on "unconventional" calcite marble deposits and the use of CO₂ as an industrial reagent. 32nd Geological Wintermeeting, Oslo, 9-11 January 2017. Abstracts and Proceedings of the Geological Society of Norway, 1, 49.
- Pryadunenko, A.,** Nilsson, L.P. & Larsen, R.B.: Geochemical characteristics of replacive dunites in the upper mantle section of the dismembered Ferragen-Raudhammeren ophiolite body, Central Norway. 32nd Geological Wintermeeting, Oslo, 9-11 January 2017. Abstracts and Proceedings of the Geological Society of Norway, 1, 68-69.
- Raaness, A.:** Geologien i Øvre Salangen. Case Orrefjell-prosjektet ved NRPA og Fram-senteret, Sjøvegan vgs, 14. september 2017.
- Raaness, A.:** Hva kan stein brukes til? Thora Storm vgs, NGU, Trondheim, 23. november 2017.
- Raaness, A. & Korneliussen, A.:** Geologisk kartlegging i Evenesmark. Hinnøy og Omegn Sameforening, Evenesmark samfunnshus, 17. august 2017.
- Sandstad, J.S.,** Bjerkgård, T., Ihlen, P.M., Henderson, I.H.C., Melezhik, V.A., Raaness, A., Saalman, K., Torgersen, E. & Viola, G.: Metallogeny of North Norway. Arctic Days Conference, Svolvær, 29 May - 2 June 2017.
- Schiellerup, H.:** Hvorfor grønne mineraler? NGU-dagen, NGU, Trondheim, 1. februar 2017.
- Schiellerup, H.:** Norske mineralforekomster og det grønne skiftet. Trondheim Amatørgeologiske Forening (TAGF), Trondheim, 1. februar 2017.
- Schiellerup, H.:** Sjeldne jordartsmetaller - muligheter i Norge? GeoNor-konferansen: Vekst i nord - Framtidens gruve- og mineralnæring, Mo i Rana, 21.-22. mars 2017.
- Schiellerup, H.:** What is, and may be, mined in Norway. Nordisk Gruvemålermøte, Trondheim, 10.-12. mai 2017.
- Schiellerup, H.:** What's on in Norway. PDAC, Nordic Mining Day, Toronto, Canada, 5-8 March 2017.
- Schiellerup, H.,** Ihlen, P., Dahlgren, S., Müller, A. & Schilling, J.: REE occurrences in Norway, with special emphasis on mineralizations hosted by apatite-rich intrusions. ERES II - 2nd Conference on European Rare Earth Resources, Santorini, Greece, 28-31 May 2017.
- Slagstad, T.:** LA-ICP-MS Zircons. CAMOC Seminar on Micro Analyses, NGU, Trondheim, 16-17 February 2017.
- Slagstad, T.,** Roberts, N.M.W., Kirkland, C.L., Røhr, T.S. & Coint, N.: Zircon and monazite geochronology of long-lived (>150 Myr) metamorphism and magmatism during the terminal stages of Fennoscandian Shield evolution. Goldschmidt Conference, Paris, 13-18 August 2017.

- Saalmann, K.:** Kinematics of the northernmost West Spitsbergen fold and thrust belt on Brøggerhalvøya – implications for Eureka deformation in Svalbard. Circum-Arctic Structural Events, BGR, Hannover, 12-17 March 2017.
- Saalmann, K.:** The Nares Strait controversy: Eureka deformation in the Arctic and the break-up of Laurasia. Lecture, University of Johannesburg, 6 December 2017.

NGU-Lab

- Klug, M., Fabian, K., Knies, J. & Sauer, S.:** Natural remanent magnetization and rock magnetic parameters from the North-East Atlantic continental margin: Insights from a new, automated cryogenic magnetometer at the Geological Survey of Norway. EGU General Assembly, Vienna, 23-28 April 2017. Geophysical Research Abstracts, 19, EGU2017-12031,
- Schönenberger, J., Knies, J. & Fabian, K.:** Mineralogy of diagenetically formed iron sulfide concretions in Arctic gas hydrate sediments: Are clays the source of iron? 16th International Clay Conference (ICC), Granada, Spain, 17-21 July 2017.

Geomatikk og informasjonsteknologi

- Haugan, F.:** Digital Norway - digital agendas and strategies. Project Geomap-200, Kiev, 2-5 April 2017.
- Haugan, F.:** Geology for society since 1858. Geological Committee (VSEGEI) 135 years, St. Petersburg, 31 January 2017.
- Haugan, F.:** NGU trends and activities. Nordic GIC (Geoscience Information Consortium), Trondheim, 25-26 October 2017.
- Haugan, F.:** NGU trends and activities. GIC-32 (Geoscience Information Consortium), Annual Conference, Vienna, 29 May - 2 June 2017.
- Haugan, F.:** Om regionalt samarbeid innen klimatilpassing i Trøndelag. Samarbeidsforum for klimatilpassing i Trondheim, 2. mars 2017.
- Iversen, S.:** 3D web mapping with JavaScript - exercises with 3D features, surface models and profiles. International Cartographic Association (ICA) pre-conference workshop, Williamsburg, USA, 30 June - 1 July 2017.
- Iversen, S.:** Added value to map apps - HTML5, search, 3D, profiles, social media, pdf and speed. International Cartographic Association (ICA) pre-conference workshop, Williamsburg, USA, 30 June - 1 July 2017.
- Iversen, S.:** PDF-generation on the fly (wkhtmltopdf). Nordic GIC (Geoscience Information Consortium), Trondheim, 25-26 October 2017.
- Iversen, S.:** Sharing and use of Open Graph in social media. Nordic GIC (Geoscience Information Consortium), Trondheim, 25-26 October 2017.
- Jarna, A.:** GEOG 3523/8523 Data capture and mapping. NTNU, Trondheim, september 2017.

Kommunikasjon

- Amundsen, B.F.:** Geologi for samfunnet, hvordan kommuniserer vi det? Norsk Bergindustri Høstmøte, Clarion Hotel, Trondheim, 13. oktober 2017.
- Amundsen, B.F.:** NGU og vår kommunikasjon til samfunnet. Foredrag for elever fra Thora Storm vgs, NGU, Trondheim, 23. november 2017.

- Bjerke, C. & Sandnes, L.E.:** Geologi for framtida - Nyttige mineraler. Utstilling i forbindelse med Geologiens Dag, Vitensenteret, Trondheim, 10. september 2017.
- Bjerke, C. & Schiellerup, H.:** Advanced Projects - Geology and Geophysics - Norway, Government focus on the mineral industry - Deposits and Prospects. Utstilling PDAC, Toronto, Canada, 5-8 March 2017.
- Bjerke, C. & Venvik, G.:** The Sub-Urban toolbox. Utstilling "Sub-Urban Planning and Management Week", Bucharest, Romania, 13-16 March 2017.
- Rasmussen, M.C., Sandnes, L.E. & Moen, B.:** Framtidas teknologi - Grønn energi. Utstilling Vinterkonferansen, Oslo, 9.-10. januar 2017.
- Rasmussen, M.C., Solberg, I.L. & Hansen, L.:** Geology and subsurface data - for quick clay related activities. Utstilling "2nd International Workshop on Landslides in Sensitive Clays", NTNU, Trondheim, 12-14 June 2017.
- Sivertsen, J.-E., Kleiven, H.F., Moen, B.F. & Rotevatn, A.:** International Earth Science Olympiads: inspiring a new generation of geoscientists. 32nd Geological Wintermeeting, Oslo, 9-11 January 2017. Abstracts and Proceedings of the Geological Society of Norway, 1, 77.

VERV I INTERNASJONALE ORGANISASJONER OG KOMITEER

- 15th International workshop on modelling of mantle and lithosphere dynamics:** S. Buiter, member of scientific committee
- 21st International conference on deformation mechanisms, rheology and tectonics:** S. Buiter, member of scientific committee
- American Mineralogist:** M.A.T.M. Broekmans, Associate editor
- Applied geochemistry:** C. Reimann, associate editor
- Boreas (International Journal of Quaternary Geology):** E. Larsen, member of administrative board
- Computational Infrastructure for Geodynamics (CI), Long-Term Tectonics working group, USA:** S. Buiter, member
- EuroGeoSurveys:** J. Høst, national delegate
- EuroGeoSurveys Earth Observation Expert Group:** J.F. Dehls, member
- EuroGeoSurveys Geochemistry Expert Group:** C. Reimann, chairman, B. Flem, member
- EuroGeoSurveys Landslide/subsidence Expert Group:** R.L. Hermanns, member
- EuroGeoSurveys Marine Geology Expert Group:** R. Bøe, member
- EuroGeoSurveys Mineral Resources Expert Group:** H. Schiellerup, co-chair
- EuroGeoSurveys Statutes Task Force:** J. Høst, member
- EuroGeoSurveys Strategy Task Force:** J. Høst, member
- European Commission, CIS Working Group on groundwater:** A. Dagestad, member
- European Commission, Ad Hoc Working Group on Criticality:** H. Gautneb, member
- European Commission, COST (European cooperation in science and technology), MINEA expert network (Mining the European Anthroposphere):** M. Simoni, work group vice leader Work Group 4: classification and reporting of material resources/reserves
- European Commission, Raw Materials supply Group (RSMG):** H. Gautneb, member
- European Geoscience Union, Arthur Holmes Medal Committee:** T.H. Torsvik, chair
- European Geoscience Union, Committee on Outreach:** S. Buiter, member
- European Geoscience Union, General Assembly Vienna 2017:** S. Buiter, convener of sessions “Learning from failed models and negative results”, “Initiation of subduction zones in context of the Wilson cycle...”, “Stephan Mueller Medal Lecture by Cees Passchier”, “Division meeting for tectonics and structural geology”, short course “How to write a successful ERS Grant proposal” & great debate “Is Open Science the way to go?”
- European Geoscience Union Programme Committee:** S. Buiter, chair
- European Geoscience Union Stephan Mueller Medal Committee:** S. Buiter, chair
- European Geoscience Union, Tectonics and Structural Geology Division:** S. Buiter, president
- European Geoscience Union, Tectonics and Structural Geology Programme Committee:** S. Buiter, chair
- European Plate Observing System (EPOS):** S. Gradmann, member of Solid Earth Science Forum

European Research Council (ERC), Advanced Grant Committee: T.H. Torsvik, panel member

European Standardization Committee, CEN TC 154/TG11 & WG13: E. Erichsen, B. Flem, members

Fennoscandian Association for Metals and Minerals Professionals (FAMMP): J.S. Sandstad, board member

Fennoscandian Exploration and Mining (FEM 2017): J.S. Sandstad, member of organizing committee

Geo-Marine Letters: R. Bøe, editorial board

GeoERA Foresight Team: J. Høst, member

GeoHab: M. Dolan, member of International Scientific Committee and the 2017 Ron McDowell student selection committee, S. Chand & M. Dolan, members of Backscatter Working Group (BSWG), T. Thorsnes, member of Water Column Backscatter Working Group.

Geological Magazine: S. Buitter, editorial board

Geological Society of London Journal: B. Bingen, topical editor

Geological Society of London Special Publication: Y. Maystrenko, peer review, G. Peron-Pinvidic, special issue editor “The North-East Atlantic region”

Geomorphology: R.L. Hermanns, T. Oppikofer, guest editors special issue on “Slope tectonics”, O. Olesen, peer review

Geophysical Prospecting: O. Olesen, peer review

Global and Planetary Change: O. Olesen, peer review

IMAGinING rifting workshop 2017: G Peron-Pinvidic, organiser

International Association of Hydrogeologists (IAH), Urban Groundwater Network: J. de Beer, committee member

International Journal of Earth Sciences: Y. Maystrenko, peer review

International Council for Applied Mineralogy (ICAM): M Broekmans, member

International Mineralogical Association, Commission for Applied Mineralogy: M.A.T.M. Broekmans, chairman

INQUA (International Quaternary Union): E. Larsen, leder norsk INQUA-komité

Journal of Geodynamics: O. Olesen, peer review

Mineralogy and Petrology: M.A.T.M. Broekmans, Associate editor

NORDQUA (Nordic Union for Quaternary Research): A. Lyså, nasjonal representant

NSERC (National Sciences and Engineering Research Council of Canada): J.F. Dehls, member of evaluation committee for Centre of Excellence.

Northeast Atlantic Geoscience (NAG): J. Høst, coordinator

Northeast Atlantic Geoscience, NAG-coast: L. Hansen, NGU-representant

PAST Gateways (Palaeo-Arctic Spatial and Temporal Gateways, a network research programme endorsed by IASC): L.R. Bjarnadóttir, steering committee

PDAC Nordic Mining Day: H. Schiellerup, member of organizing committee

Precambrian Research: B. Bingen, editorial board member

RILEM Technical Committee on Avoiding Alkali Aggregate Reactions in Concrete (TC258 AAA): M.A.T.M. Broekmans, member

Royal Society Open Science: T.H. Torsvik, editorial board

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

Solid Earth: G. Peron-Pinvidic, topical editor, S. Buitter, editor of special issue “200 years of modelling across scales”, T.H. Torsvik, advisory board

Southwest University of Science and Technology (China), Key Laboratory of Solid Waste Treatment and Resources Recycle: M. Broekmans, member of Academic Council

Sveriges geologiska undersökning (SGU): O. Olesen, review of external research projects

Tectonophysics: Y. Maystrenko, peer review, T.H. Torsvik, editorial board

Terra Nova: T.H. Torsvik, associate editor

VERV I NASJONALE ORGANISASJONER OG KOMITEER

Arctic Days 2017: J.S. Sandstad, leder av organisasjonskomité
CAGE, Senter for arktisk gasshydrat, miljø og klima: J. Knies, forskningsleder
Forskning.no: B.F. Amundsen, valgkomité
Geirangerfjorden verdensarv: R. Dahl, medlem av fagrådet
Implementering EUs Vanddirektiv, Direktoratsgruppa: A. Dagestad
Mineralproduksjon (tidsskrift Norsk bergforening): K.A. Aasly, medred.
Nasjonal kartlegging for biologisk mangfold – kyst: R. Bøe, medlem
programgruppen, T. Thornsnes & H. Jensen, medlemmer overvåkingsgruppen
Nasjonal toktkomité og instrumentpool: R. Bøe
Nasjonalt Fagforum Grunnvann (NFG): J. de Beer, leder, P. Gundersen, sekretær
Norsk Bergindustri, Natursteinskomitéen: K.A. Aasly, medlem
Norsk Fagbibliotekforening avd. Trondheim: G. Henriksen, revisor
Norsk Geologisk Forening: T. Thorsnes, medlem av valgkomité, G. Venvik, vara til styret
Norske havforskeres forening: S. Elvenes, styremedlem
Norwegian journal of geology: J.S. Sandstad, editor, Y. Maystrenko, peer review
Standard Norge, Komité for tilslag (SN/K 005): E. Erichsen, medlem
Standard Norge, Referansekomité for naturstein (SN/K 343): K.A. Aasly, leder
Statens vegvesen, E39 Krysning Romsdalsfjorden: J.S. Rønning, medlem av ekspertgruppe ingeniørgeologi
Stiftelsen Follidal Gruver: R. Dahl, styremedlem
Ungt Entreprenørskap Trøndelag: B.F. Amundsen, jurymedlem
Universitetet i Tromsø, Forskerskolen for Arktisk marin geologi og geofysikk:
L. Plassen, J. Knies, styremedlemmer
Vegdirektoratet, Styringsgruppe for steinmaterialer: E Erichsen, medlem
Vitensenteret i Trondheim: B.F. Amundsen, valgkomité
Vitenskapskomiteen for mattrygghet (VKM): B. Flem, medlem av faggruppe for fôr

SENSORER, VEILEDERE OG BEDØMMELSESKOMITÉER

Cambridge University: D. Ottesen

Colorado School of Mines: J.S. Sandstad

Deutsche Forschungsgemeinschaft (DFG): S. Buiter

Høgskolen i Sørøst-Norge: A. Dagestad

Høgskulen på Vestlandet: M. Böhme, A. Romundset

Imperial College, London: G. Péron-Pinvidic

Marine Institute Ireland: R. Bøe

Natural Environment Research Council (NERC): T. Thorsnes

Norges miljø- og biovitenskapelige universitet (NMBU): L. Hansen

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H. Elvebakk, E. Erichsen, K. Fabian, T.E. Finne, O. Fredin, D. Gasser, S.

Gradmann, C. Haase, F. Haugan, R.L. Hermanns, F. Høgaas, H. Jensen, J.K.

Keiding, D. Ottesen, L.P. Nilsson, F.C. Nixon, L. Rise, J.S. Rønning, L.

Rubensdotter, T. Slagstad, I.L. Solberg, O.M. Sæther, E. Torgersen

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Hermanns, L. Rubensdotter

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A. Lepland, A. Lyså, G.B. Meyer, L. Plassen, A. Romundset

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Utrecht University: K. Fabian

Wuhan University of Technology: M. Broekmans

Aarhus Universitet: J.K. Keiding



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