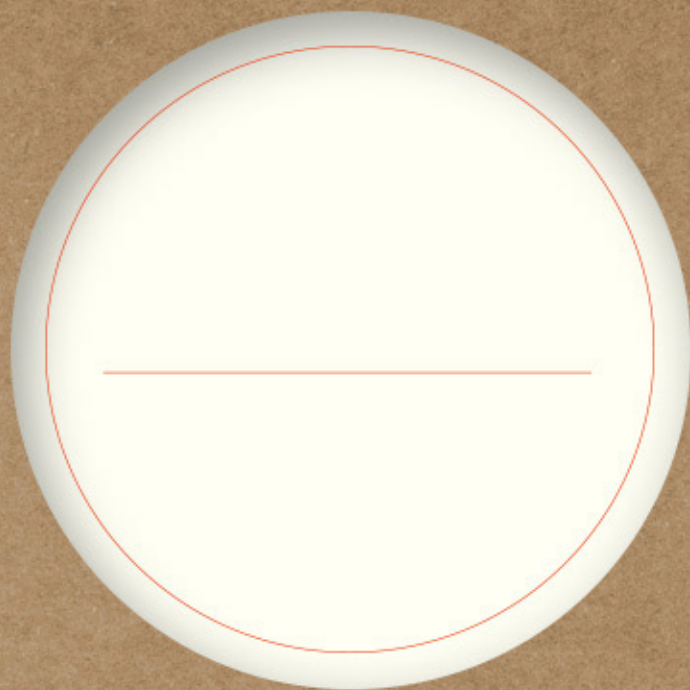




GEOLOGI FOR SAMFUNNET

SIDEN 1858



NORGES
GEOLOGISKE
UNDERSØKELSE
· NGU ·

ÅRSMELDING 2018

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Berggrunnskart

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Bekkarfjord 2236-3 (Williams, G.D. & Roberts, D.)
Bjerkreim 1212-2 (Marker, M. & Slagstad, T.)
Bjoreio 1415-1 (Jorde, K. & Andresen, A.)
Høle 1212-1 (Marker, M. & Slagstad, T.)
Innhavet 2130-1 (Kollung, S.)
Lyngsvatnet 1313-3 (Marker, M. & Slagstad, T.)
Nesseby 2335-2 (Siedlecka, A. & Roberts, D.)
Nærbø 1212-3 (Marker, M.)
Orkanger 1521-1 (Gasser, D., Svendby, A.K., Solli, A. & Slagstad, T.)
Sand 1313-4 (Marker, M., Slagstad, T. & Sigmond, E.)
Skjoldstraumen 1213-4 (Marker, M., Slagstad, T. & Solli, A.)
Øksfjord 1835-3 (Roberts, D. & Elvevold, S.)

M 1:100 000

Vinje kommune (Sigmond, E.)

Kvartærgeologiske kart

M 1:50 000

Brønnøysund 1725-1 (Høgaas, F., Gislefoss, L. & Olsen, L.)
Drangedal 1613-2 med spesialkart Tørdal 1:35 000. Med beskrivelse (Hansen, L. & Riiber, K.)
Vega 1726-2 (Høgaas, F., Olsen, L., Sveian, H. & Sørensen, E.)
Vinstra 1718-2 (Romundset, A. & Høgaas, F.)

M 1:125 000

Østfold fylke (Olsen, L. & Riiber, K.)

Geofysiske kart

M 1:3 000 000

Neotectonic map of Norway and adjacent areas (Keiding, M., Olesen, O. & Dehls, J)

Maringeologiske kart

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

Baeten, N.J. & Lepland, A.: Bunnssedimenter (dannelse). Mareano Øst 5a.

Baeten, N.J. & Lepland, A.: Bunnssedimenter (kornstørrelse). Mareano Øst 5a.

Baeten, N.J. & Lepland, A.: Landformer. Mareano Øst 5a

Baeten, N.J. & Lepland, A.: Sedimentasjonsmiljø. Mareano Øst 5a..

Baeten, N.J., Olsen, H., Elvenes, S., Plassen L., Lepland, A., Bellec, V., Dolan, M., Bjarnadóttir, L.R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 75003600, juni 2018. M 1:100 000.

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Bellec, V.K.: Sedimentasjonsmiljø. Mareano SK02 sørvest for Svalbard.

Bellec, V.K., Elvenes, V., Dolan, M.F. & Lepland, A.: Bunnssedimenter (kornstørrelse). Søre Sunnmøre. Kystnære områder tolket fra Lidar (grønn laser) flyfoto.

Bellec, V.K., Elvenes, S., Lepland, A., Chand, S., Dolan, M., Bjarnadóttir, L.R., Bøe, R., Rise, L., Thorsnes, T. & Selboskar, O.H.: Geologisk havbunnskart, Kart 75001900, april 2018. M 1:100 000. Norges geologiske undersøkelse.

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Jakobsen, F. & Lepland A.: Landskap og landformer. Sentralbankrenna (Mareano Øst 4a) og Thor Iversen-banken. www.mareano.no, www.ngu.no.

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Jensen, H.K.B. & Lepland, A.: Arsen (As) i bunnssedimenter, Barentshavet.

Jensen, H.K.B. & Lepland, A.: Barium (Ba) i bunnssedimenter, Barentshavet.

Jensen, H.K.B. & Lepland, A.: Bly (Pb) i bunnssedimenter, Barentshavet.

Jensen, H.K.B. & Lepland, A.: Innhold av total organisk karbon (TOC) i bunnssedimenter, Barentshavet.

Jensen, H.K.B. & Lepland, A.: Kadmium (Cd) i bunnssedimenter, Barentshavet.

Jensen, H.K.B. & Lepland, A.: Karbonatinnhold (CaCO_3) i bunnssedimenter, Barentshavet.

Jensen, H.K.B. & Lepland, A.: Krom (Cr) i bunnssedimenter, Barentshavet.

Jensen, H.K.B. & Lepland, A.: Kvikksølv (Hg) i bunnssedimenter, Barentshavet.

Jensen, H.K.B. & Lepland, A.: Nikkel (Ni) i bunnssedimenter, Barentshavet.

Jensen, H.K.B. & Lepland, A.: Sink (Zn) i bunnssedimenter, Barentshavet.

Jensen, H.K.B. & Lepland, A.: Slaminhold i bunnssedimenter, Barentshavet.

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Nixon, F.C., Jakobsen, F., Lepland, A., Elvenes, S., Bellec, V., Dolan, M., Jensen, H.K.B. & Lepland, A.: Kobber (Cu) i bunnssedimenter, Barentshavet.

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Nixon, F.C. & Lepland, A.: Landformer. Mareano Øst 4b.

Nixon, F.C. & Lepland, A.: Sedimentasjonsmiljø. Mareano Øst 4b.

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- Olsen, H.** & Lepland, A.: Bunnssedimenter (dannelse). Mareano Øst 5b.
- Olsen, H.** & Lepland, A.: Bunnssedimenter (kornstørrelse). Mareano Øst 5b.
- Olsen, H.** & Lepland, A.: Landformer. Mareano Øst 5b.
- Olsen, H.** & Lepland, A.: Sedimentasjonsmiljø. Mareano Øst 5b.
- Ottesen, D.** & Lepland, A.: Ankringsforhold. Selje kommune, Vågsøy kommune, Bremanger kommune og Flora kommune.
- Ottesen, D.** & Lepland, A.: Bunnfellingsområder. Selje kommune, Vågsøy kommune, Bremanger kommune og Flora kommune.
- Ottesen, D.** & Lepland, A.: Gravbarhet. Selje kommune, Vågsøy kommune, Bremanger kommune og Flora kommune.
- Ottesen, D.** & Lepland, A.: Havbunnsstereng. Selje kommune, Vågsøy kommune, Bremanger kommune og Flora kommune.
- Ottesen, D.** & Lepland, A.: Helning. Selje kommune, Vågsøy kommune, Bremanger kommune og Flora kommune.
- Ottesen, D.**, Lepland, A. & Bellec, V.: Bunnssedimenter (kornstørrelse). Flora kommune.
- Ottesen, D.**, Olsen, H., Elvenes, S., Lepland, A. & Bellec, V.: Bunnssedimenter (kornstørrelse). Selje kommune.
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- Rise, L.**, Chand, S. & Ottesen, D.: Quaternary sediments on the continental margin south and west of mainland Norway.

Publikasjoner og bøker

NGU Bulletin 456

Roberts, D. & Hurich, C.A.: The concealed Kopperå fault: A half-graben bounding structure located along the eastern flank of the Trøndelag depression, mid-Norway

Pathways and pitfalls to better sub-urban planning

Venvik, G., Liinamaa-Dehls, A. & Bjerke, C., 44 s.

Brosjyrer

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

Kort om NGU – informasjonsfolder (norsk og engelsk), oppdatert pr. 2018

Norske bergarter (Poster - <http://www.ngu.no/emne/norske-bergarter>), 1. utg. 2018

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

- Cobalt in Norway (Bjerkgård, T.)
- Nickel in Norway (Bjerkgård, T.)
- Massive sulfides in Norway (Bjerkgård, T.)
- The graphite potential of Norway; Targets galore (Gautneb, H.)
- Sediment hosted Cu-deposits (Sandstad, J.S. & Torgersen, E.)
- NADAG – Nasjonal database for grunnundersøkelser (Solberg, I.L.)

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.ngu.no/grunnvanninorge>

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>

NGU på Twitter

<https://twitter.com/nguweb>

<https://twitter.com/NGUmarin>

<https://twitter.com/UrbangeoN>

Geologibloggen

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

- 2. januar: The taste of an ocean in the past (Hong, W.-L.)
- 25. januar: Kalde nunatakker med het opprinnelse (Engvik, A.K.)
- 5. februar: Med morfin og solkrem i soveposen (Engvik, A.K.)
- 19. februar: Urgammel historie hogd i stein (Engvik, A.K.)
- 26. februar: Jutulhogget – topp ti i Dronning Maud Land (Engvik, A.K.)
- 23. mars: Databaser blir plattformer for innovasjon (Haugan, F.)
- 23. mai: Smart og full av gull (Engvik, T.L.)
- 23. mai: What is time? (Himmeler, T.)
- 29. mai: Methane dynamics a key for climate studies (Labrousse, C. & Renoult, M.)
- 1. juni: Jakter forurensning i Sklinnadjupet (Jakobsen, F.W.)
- 12. juni: Bildeblogg frå feltarbeid (Romundset, A.)
- 27. juni: Whether warm or cold, methane keeps leaking in the Arctic (Knies, J.)
- 6. juli: På tur opp Helgelandstrappa (Dahl, R.M.)
- 3. august: På Rallarvegen frå Finse til Flåm (Løvø, G.)
- 13. august: Bergtatt av geologi (Engvik, A.K.)
- 4. oktober: Deling av data og kunnskap er «en norsk greie som funker» (Smelror, M.)
- 8. oktober: Det sorte sølvet (Engvik, A.K.)
- 25. oktober: Exploring the seafloor (Himmeler, T.)
- 10. november: Geologi, verden og Black Friday (Engvik, T.L.)
- 21. november: 28 landformer på rødlista (Dahl, R.M.)

NGU-rapporter

Byggeråstoffer

- Løland, T.:** Temarapport: Kvernsteinshogging i Norge. Om handverket knytt til kvernsteinsproduksjonen. NGU-rapport 2018.003.
- Simoni, M.,** Tangstad, R., Libach, L., Keiding, J.K. & Aasly, K.A.: Undersøkelse av potensielle pukkeforekomster områder for masseuttak i Tønsberg kommune, Vestfold. NGU-rapport 2017.038.
- Aasly, K.A. & Wanvik, J.E.:** Vurdering av skiferforekomst i Snilldal i Snillfjord kommune. NGU-rapport 2015.049

Geofarer og jordobservasjoner

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- Hilger, P.,** Jakobsen, F., Jarna, A., Nicolet, P. & Snook, B.: Young Trondhjemites 2018 - Program and abstracts. NGU-report 2018.006.
- Solberg, I.L.:** Geologi og landskapsutvikling langs Gaula for lokaliteter knyttet til arkeologiske utgravinger. NGU-rapport 2018.022.

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- Elvebakk, H.:** Logging av dype energibrønner på Oslo Lufthavn, Gardermoen. NGU-rapport 2018.020.
- Elvebakk, H. & Pless, G.:** Borehullslogging Åknes, Stranda kommune, 2017-2018. NGU-rapport 2018.026.
- Olesen, O.,** Janutyte, I., Michálek, J., Keiding, M., Lindholm, C., Kierulf, H.P., Ottemöller, L., Gradmann, S., Maystrenko, Y.P., Rouyet, L., Lauknes, T.R., Dehls, J., Ask, M., Ask, D., Olsen, L., Ottesen, D., Rise, L., Riis, F., Drottning, A., Tjåland, A., Strømme, M.L., Storheim, B.M. & Rodenay, S.: Neotectonics in Nordland - Implications for petroleum exploration (NEONOR2). NGU-report 2018.010.
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- Böhme, M., Hermanns, R.L., Oppikofer, T. & Dehls, J.:** Rock slope instabilities in Norway: Systematic hazard and risk classification. Workshop "Landslides onto glaciers: research, monitoring and hazard assessment, University of Reykjavik, Iceland, 13-14 November 2018.
- Böhme, M., Hermanns, R.L., Vick, L.M., Andresen, M. & Bergh, S.G.:** Cluster of structurally controlled DSGSDs above Kåfjorden, Northern Norway. EGU General Assembly, Vienna, 8-13 April 2018.
- Dehls, J.:** InSAR for Norway - Operational Ground Motion Service. Workshop / lansering av InSAR Norge, NGU, Trondheim, 29.-30. november 2018.
- Dehls, J.:** Operational use of InSAR Corner Reflectors (CR) for landslide hazard and risk assessment in Norway using Sentinel-1 and Radarsat-2. AGU Fall Meeting, Washington, D.C., 10-14 December 2018.
- Dehls, J. & Keiding, M.:** InSAR Norge. Workshop / lansering av InSAR Norge, NGU, Trondheim, 29.-30. november 2018.
- Helle, T.E. & Solberg, I.L.:** Quick clays - landslide risk reduction through knowing its colloid system. 27th Nordic Rheology Conference (NRC), NTNU, Trondheim, 14-15 June 2018.
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- Hermanns, R.L.** & Keiding, M.: Fjellskred og jordskred over alle grenser. Norsk Geologisk Forening (NGF) avd. Trondheim Julemøte, Trondheim, 28. november 2018.
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- Hilger, P.**, Hermanns, R.L., Etzelmüller, B., Myhra, K.S., Magnin, F. & Gosse, J.C.: Do deformation patterns and initial failure timing of rock-slope instabilities in Norway relate to permafrost dynamics? 5th European Conference on Permafrost, Chamonix, France, 23 June - 1 July 2018.
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- Keiding, M.**: Earthquakes in Norway - are we prepared for the next large event? Foredrag for UiO før visning av filmen "Skjelvet", Cinemateket, Oslo, 29. august 2018.
- Keiding, M.**: Skjelvet - Ekspert i geofag og beredskap møter publikum. Paneldebatt i forbindelse med visning av filmen, Cinemateket, Oslo, 5. september 2018.
- Keiding, M.**: Trøndersk landskap overvåkes fra rommet. NGU-dagen 2018: Nye Trøndelag, NGU, Trondheim, 6.-7. februar 2018.
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- Nicolet, P.**: Photogrammetry workshop. Young Trondhjemites, NGU, Trondheim, 16. mars 2018.
- Nicolet, P.**: Systematisk kartlegging og risikoklassifisering av ustabile fjellparti. Studenter ved NTNUs lærerutdanning, NGU, Trondheim, 25. april 2018.
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- Nicolet, P.**, Penna, I., Hermanns, R.L., Jensen, O.A., Rubensdotter, L. & Skei, S.Ø.: Monitoring of surface processes in Gråfonfjellet, Rauma municipality, Norway. 33rd Nordic Geological Winter Meeting, Kongens Lyngby, Denmark, 10-12 January 2018.
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- Rubensdotter, L.**: AG-221 Arctic Physical Geographical Field Techniques (kursansvarlig). UNIS, The University Centre in Svalbard, Longyearbyen, Autumn (August - December) 2018.
- Rubensdotter, L.**: Skred som landskapsformande prosess. Foredrag i emne TGB4200 - Ingeniørgeologi-løsmasser. NTNU, Trondheim, vår 2018.
- Rubensdotter, L.**: Slope processes on Svalbard. Foredrag i emne GEOG3514 - Skråningssystemer. NTNU, Trondheim, høst 2018.

- Sandøy, G.**, Rubensdotter, L. & Nicolet, P.: Characterization of geomorphological and topographical features on complex colluvium fan. Young Trondhjemites, NGU, Trondheim, 16. mars 2018.
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- Solberg, I.L.**: Blåleire fra et geologisk perspektiv - dannelse og egenskaper. Blåleire - Prosjekt Hunger (åpent seminar), Nordenfjeldske Kunstindustrimuseum, Trondheim, 21. august 2018.
- Solberg, I.L.**: Geologi og landskapsutvikling langs Gaula. Melhus Rotaryklubb, Melhus, 15. oktober 2018.
- Solberg, I.L.**: Guide for ekskursjon til Byneset. Norsk Geologisk Forening, Trondheim, 29. oktober 2018.
- Solberg, I.L.**: Hvorfor trenger vi en nasjonal database for grunnundersøkelser. NGU-dagen 2018: Nye Trøndelag, NGU, Trondheim, 6.-7. februar 2018.
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- Solberg, I.L.**: NADAG. Foredrag på fagdag for Landbruksdirektoratet, NTNU, Trondheim, 9. april 2018.
- Solberg, I.L.**: NADAG. Foredrag for besøkende fra SGU, NGU, Trondheim, 7. mars 2018.
- Solberg, I.L.**: NADAG - et nyttig verktøy for norske kommuner / NADAG - systematisering av gamle data. Arbeidsseminar: Bruk av NADAG for lagring av lokale grunnundersøkelser, Rådhuset, Moss kommune, 31. januar 2018.
- Solberg, I.L.**: NADAG Innrapportering av grunnundersøkelser. Geonorge Temadataforum, Kartverket, Oslo, 23. januar 2018.
- Solberg, I.L.**: NADAG - et nyttig verktøy for norske kommuner / NADAG - systematisering av gamle data. NADAG fagsamling i Buskerud, Oslo og Akershus, Drammen, 1. februar 2018.
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- Solberg, I.L.**: Skredtyper i Norge, med fokus på kvikkleireskred. Studenter ved NTNUs lærerutdanning, NGU, Trondheim, 25. april 2018.

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- Baranwal, V.C.,** Skuterud, L., Muring, A., Rønning, J.S., Stampolidis, A., Thørring, H. & Watson, R.J.: Cs-137 deposition overview from Jotunheimen area from airborne survey: new calibration and re-processing (Poster). 7th International Conference on Radioactivity in the Arctic, Oslo, 18-20 June 2018.
- Brønner, M.:** Deeply weathered and fractured basement on the Norwegian Shelf: what can we learn from onshore Norway? FORCE Seminar UEPIII, Stavanger, 30 October - 1 November 2018.
- Brønner, M.:** TPG4100 Fysikk og geofysikk. Undervisning, NTNU, Trondheim, Vår 2018.
- Brønner, M.:** TPG4195 Tolkning og modellering av gravimetri og magnetometri. Undervisning, NTNU, Trondheim, Høst 2018.
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- Dumais, M.A.:** Sub-ice topography of Nordauslandet, Svalbard derived from potential field modelling. IGP Day, Department of Geoscience and Petroleum NTNU, Scandic Lerkendal, Trondheim, 17. mars 2018.
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- Maystrenko, Y.P.,** Brönnner, M., Olesen, O., Saloranta, T.M. & Slagstad, T.: Intraplate seismicity in Norway related to anomalous upper mantle and elevated atmospheric precipitation rates. 36th General Assembly of the European Seismological Commission, Valetta, Malta, 2-7 September 2018.
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- Rønning, J.S.:** TPG4100 Fysikk og geofysikk: Elektriske og elektromagnetiske metoder. Undervisning, NTNU, Trondheim, Vår 2018.
- Rønning, J.S.:** TPG4120 Mineral-, ingeniør- og miljøgeofysikk. Undervisning, NTNU, Trondheim, Høst 2018.
- Rønning, J.S., Blikra, L.H., Dalsegg, E. & Elvebakk, H.:** Geofysiske undersøkelser ved Mannen, Møre og Romsdal. Geofaredagen, Lillestrøm, 1.-2. november 2018.
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- Steffen, H., Olesen, O. & Sutinen, R.:** The book of glacially triggered faulting - status August 2018 and next steps. Symposium on postglacial faults (and other paleoseismic morphologies), Kautokeino, Norway, 28-30 August 2018.
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Geokjemi og hydrogeologi

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- Birke, M., Reimann, C., Demetriades, A. & Rauch, U.:** EuroGeoSurvey GEMAS Research: a review and future prospects. Divisionmeeting B2, BGR, Hannover, 8 oktober 2018.
- Boogaard, F.C., Venvik, G. & Muthanna, T.M.:** International knowledge exchange on infiltration of stormwater under extreme climatic and geohydrolic circumstances. Nordic Hydrological Conference, Bergen, 13.-15. august 2018.
- Campbell, D.S., de Beer, H., Mielby, S. & Venvik, G.:** Sub-urban - the future beyond COST. Presentasjon for NAG-direktørgruppe (North-Atlantic GeoSurveys), Reykjavik, 4. april 2018.

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- Flem, B.:** Belastning på økosystemer. Prosjektverksted Grønn Forskning Midt-Norge, Sjørdal, 12. mars 2018.
- Flem, B.:** Geochemical exploration in Norway. Joint annual meeting of EuroGeoServeys Expert Group (GEG) and IUGS Commission on Global Geochemical Baselines (IUGS CGGB), Instituto Geologico y Minero de Espana, Madrid, Spain, 16-18 May 2018.
- Flem, B.:** Jordkjemisk og mikrobiologisk samspill i norsk landbruksjord. Midtnorsk samarbeidsråds årlige idemyldring, Stjørdal, 29. januar 2018.
- Flem, B.,** Reimann, C., Torgersen, E., Andersson, M., Finne, T.E., Eggen, O. & Englmaier, P.: Biogeochemical exploration of Mo and Pb deposits in Norway. Resources for Future Generations (RFG 2018), Vancouver, BC, Canada, 16-21 June 2018.
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- Flem, B. & Skjærvik, A.J.:** Skjellet forteller laksens historie. NGU-dagen 2018: Nye Trøndelag, NGU, Trondheim, 6.-7. februar 2018.
- Gundersen, P.,** Seither, A., Dagestad, A. & Jæger, Ø.: Mapping and monitoring groundwater and implementing the groundwater directive in Norway. Nordic Hydrological Conference, Bergen, 13.-15. august 2018.
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- Reimann, C.:** Geochemical data analysis. Shortcourse for UpDEEP Project, Vorau, Austria, 4-6 April 2018.
- Reimann, C.:** Geochemistry Expert Group yearly report to national delegates. EuroGeoSurveys, Brussels, 27. February 2018.
- Reimann, C.:** Geochemistry Expert Group: history and production. Directors Workshop, Geological Survey of Austria, Vienna, 12. April 2018.
- Reimann, C.:** Geokjemi og biogjødsel for et smartere landbruk. NGU-dagen 2018: Nye Trøndelag, NGU, Trondheim, 6.-7. februar 2018.
- Reimann, C.:** The Gjøvik transect. Technische Universität Wien, Institute for Statistics, Vienna, 27. March 2018.
- Reimann, C. & Birke, M.:** The Oppdal surface water survey. Yearly Meeting of the Geochemistry Expert Group of the EuroGeoSurveys, Madrid, 17. May 2018.

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- Reimann, C. & Fabian, K.:** Soil geochemistry at the continental scale: quantifying the impact of anthropogenic activities. EGU General Assembly, Vienna, 8-13 April 2018.
- Seither, A.,** Dagestad, A. & Jæger, Ø.: Kartlegging av belastede grunnvannsforekomster. Fagseminar om kunnskapsgrunnlaget for vannforvaltning i vannregion Trøndelag, Stjørdal, 23. mai 2018.
- Sæther, O.:** Klima, Energi og Gaia (KEG). Gløshaugen Akademiske Klubb, Trondheim, 1. mars 2018.
- Venvik, G.:** The ground beneath our cities. 54th ISOCARP Congress (International Society of City and Regional Planners), Bodø, 1-5 October 2018.
- Venvik, G.:** Platetektonikk og prosesser som driver "aktiviteten" på jorda. NTNU lærerutdanninga, studenter på naturfagslinja, NGU, Trondheim, 25. april 2018.
- Venvik, G.,** Dehls, J., Seither, A., Boogaard, F.C. & Haukedal, J.: Risk assessment for urban areas prone to flooding and subsidence. Nordic Hydrological Conference, Bergen, 13.-15. august 2018.

Kvartærgeologi

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- Fredin, O.,** Stroeven, A.P., Fabel, D., Lifton, N.A., Bernales, J., Rogozhina, I., Glasser, N.F., Newall, J.C., Harbor, J.M., Andersen, J.L., Blomdin, R., Caffee, M.C., Eisen, O., Hättstrand, C., Prange, M., Sams, S.E. & Serra, E.C.: Changes in vertical ice extent along the East Antarctic Ice Sheet margin in western Dronning Maud Land – initial field and modelling results of the MAGIC-DML collaboration. EGU General Assembly, Vienna, 8-13 April 2018.
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- Høgaas, F.:** Laser Leser trøndersk terreng. NGU-dagen 2018: Nye Trøndelag, NGU, Trondheim, 6.-7. februar 2018.
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- Larsen, E.**, Lyså, A. & Höskuldsson, Á.: Glacially induced volcanic activity on the island of Jan Mayen? International Conference on Arctic Margins (ICAM) VIII, Stockholm, 11-14 June 2018.
- Lyså, A.:** Løsmasser i Trøndelag til glede og besvær. NGU-dagen 2018: Nye Trøndelag, NGU, Trondheim, 6.-7. februar 2018.
- Lyså, A.** & Larsen, E.: Jan Mayen – geologi, istider og vulkaner. Forsvarets stasjon, Jan Mayen, august 2018.
- Lyså, A.**, Larsen, E., Akcar, N., Anjar, J. & Vockenhuber, C.: The last glaciation of the island of Jan Mayen. 6th International Conference on Palaeo-Arctic Spatial and Temporal (PAST) Gateways, Durham University, 16-20 April 2018.
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- Romundset, A.:** E18-prosjektet på Sørlandet. Resultat frå NGUs arbeid ved Tvedestrand-Arendal. Norsk Arkeologisk Selskap, Oslo, 22. mars 2018.
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Maringeologi

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- Baeten, N.J.**, Bøe, R., Lepland, A., Longva, O., Sandøy, R., Amundsen, A., Chand, S., Bellec, V.K., Klug, M., Plassen, L. & Schönenberger, J.: The distribution, sedimentary processes and depositional impacts of submarine mine tailings disposal in Stjærnsundet and Frænfjorden. NYKOS informasjonsdag, UiT, Tromsø, 27. november 2018.
- Baeten, N.J.**, Lepland, A., Bøe, R. & Longva, O.: Status Work Package 3 "Study of three comparable fjords", February. NYKOS - New Knowledge on Sea Disposal, Trondheim, 7. February 2018.

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- Batchelor, C.L.**, Ottesen, D. & Dowdeswell, J.A.: Quaternary evolution of the northern North Sea. Colloquium on Norwegian Research Activities within the IODP, NGU, Trondheim, 29-30 October 2018.
- Bellec, V.K.**, Bøe, R., Bjarnadóttir, L.R. & Dolan, M.: Mapping bedforms with different bathymetry grid resolutions – link between mapping scale and time-scale of geological processes. GEOHAB 2018, Santa Barbara, California, 7-11 May 2018.
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- Bjarnadóttir, L.R.**: MAREANO-programme update. 3rd MAREANO-INFOMAR-MAREMAP (MIM) Workshop, BGS, Edinburgh, 27-28 February 2018.
- Bjarnadóttir, L.R.**: Sampling gear, sample size, sample handling, sample analysis and presentation of results. 3rd MAREANO-INFOMAR-MAREMAP (MIM) Workshop, BGS, Edinburgh, 27-28 February 2018.
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- Bøe, R.**: Marine geology at the Geological Survey of Norway. EuroGeoSurvey Marine Expert Group, Shengjin, Albania, 24. September 2018.
- Bøe, R.**: Marine grunnkart i kystsonen. Startseminar for prosjektet "Frisk Oslofjord", Statens Park, Tønsberg, 14. november 2018.
- Bøe, R.**: Marine grunnkart: noe for Trøndelag? NGU-dagen, NGU, Trondheim, 6.-7. februar 2018.
- Bøe, R.**: NGUs kartleggingsprosjekter i kystsonen. Informasjonsmøte om marine grunnkart, Florø, 1. mars 2018.

- Bøe, R.**, Bjarnadóttir, L.R. & Elvenes, S.: Revealing the secrets of Norway's seafloor. RFG2018 - Resources for Future Generations, Vancouver, Canada, 16-21 June 2018.
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- Dessandier, P.A.**, Panieri, G., Knies, J., Lepland, A., Sauer, S., Yao, H., Hong, W.L. & Bohrmann, G.: Calibration of benthic foraminifera as proxy of methane release in the Vestnesa Ridge (Western Svalbard): Ecological and stable isotopic approaches. EGU General Assembly, Vienna, 8-13 April 2018.
- Diesing, M.**: Comparison of results. 3rd MAREANO-INFOMAR-MAREMAP (MIM) Workshop, BGS, Edinburgh, 27-28 February 2018.
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- Dolan, M.**: Determining how places are related. GEOHAB Workshop "Beyond Mapping: Analyzing and Understanding Habitat Patterns in Space and Time", Santa Barbara, California, 7 May 2018.
- Dolan, M.**: MIM sampling design group - Summary of progress and potential new directions. 3rd MAREANO-INFOMAR-MAREMAP (MIM) Workshop, BGS, Edinburgh, 27-28 February 2018.
- Dolan, M.**: Multibeam data acquisition – towards a suite of generic specifications? GEOHAB Backscatter Working Group (BSWG) meeting, Santa Barbara, California, 8. May 2018.
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- Elvenes, S.**: Marine grunnkart: Detaljert kunnskap om havbunnen blir tilgjengelig for alle. Nord Universitet - Seminar om kystsoneplanlegging og datagrunnlag, MS Trollfjord Trondheim-Rørvik, 27. februar 2018.

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- Elvenes, S. & Knies, J.:** Mapping the fjords - a better view of the Ofoten region (Poster). Young Trondhjemites, NGU, Trondheim, 16. March 2018.
- Fabian, K.:** Environment and magnetism: physical approaches to complex systems. Geophysics Seminar, University of Vienna, Austria, 4. December 2018.
- Fabian, K.:** Origin and long-term stability of natural magnetization. Geophysics Seminar, University of Bremen, Germany, 22. May 2018.
- Fabian, K. & De Groot, L.:** An unexpected uniqueness result for tomography-assisted potential-field inversion (Poster). EGU General Assembly, Vienna, 8-13 April 2018.
- Fabian, K. & De Groot, L.:** Uniqueness of magnetic moment reconstruction from combining surface scanning with tomography: Towards a revolution of the paleomagnetic measurement technique. 16th Castle Meeting - New Trends on Paleo, Rock and Environmental Magnetism, Checiny, Poland, 10-16 June 2018.
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- Hong, W.-L.:** Methane seepages from the Lofoten–Vesterålen continental slope: a comparison of porewater geochemistry with ODP Site642&643 and DSDP Site338. MagellanPlus Workshop, Kiel, Germany, 29-30 May 2018.
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- Jakobsen, F., Bjarnadóttir, L.R. & Thorsnes, T.:** MAREANO – Collecting marine knowledge. International Youth scientific and practical conference “Arctic research: from extensive to integrated development”, Arkhangelsk, Russia, 27. May 2018.

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- Lecours, V.,** Lucieer, V., Dolan, M. & Micallef, A.: Recent and future trends in marine geomorphometry. Geomorphometry 2018, Boulder CO, 13-17 August 2018.
- Lepland, A.:** Carbon cycle at cold seeps and methane-derived authigenic carbonates. Carbonate Sedimentology training course and workshop, Särgahaua, Estonia, 28. June 2018.
- Lepland, A.:** Fossilisation by Mg-calcite: mineralized microbes in CH₄-derived carbonates from Vestnesa Ridge, off W'Svalbard. Gordon Geobiology Conference, Galveston, Texas, 21-26 January 2018.
- Lepland, A.:** Great Oxidation Event and high Paleoproterozoic seawater sulphate recorded in Earth's oldest large evaporate basin. Seminar, Tartu University, Estonia, 1. March 2018.
- Lepland, A.:** Great Oxidation Event and unique rocks of Karelia. Seminar, Petrozavodsk, Karelia, Russia, 19. April 2018.
- Lepland, A.:** Marine grunnkart er klare. Men hvor finner jeg dataene? Informasjonsmøte "Marine Grunnkart i Sogn og Fjordane", Florø, 1. mars 2018.
- Lepland, A.:** Methane-derived authigenic carbonates. MagellanPlus Workshop, Tromsø, 4-5 June 2018.
- Lepland, A.:** NMDC 2017/2018 Activities and results. 6th Annual Partner Meeting of NMDC (Norwegian Marine Data Centre), Bergen, 27. September 2018.
- Magiera, T.,** Szumiata, T., Rachwał, M., Wawer, M. & Fabian, K.: Technogenic magnetic particles in soils around different pollution sources. 16th Castle Meeting - New Trends on Paleo, Rock and Environmental Magnetism, Checiny, Poland, 10-16 June 2018.
- Malik, M.,** Roche, M., Le Deunf, J., Masetti, G., Schimel, A., & Dolan, M.: Backscatter working group software inter-comparison project requesting and comparing intermediate backscatter processing results. Shallow Survey 2018, St. John's, NL, Canada, 1-3 October 2018.
- Montelli, A.,** Dowdeswell, J.A., Ottesen, D. & Johansen, S.E.: Fennoscandian Ice Sheet dynamics through the Quaternary: extensive 3D seismic evidence of buried glacial landforms on the mid-Norwegian continental shelf. AGU Fall Meeting, Washington, D.C., 10-14 December 2018.
- Ottesen, D.:** Evolution of the Quaternary North Sea Basin. 33rd Nordic Geological Winter Meeting, Kongens Lyngby, Denmark, 10-12 January 2018.
- Ottesen, D.:** Marine grunnkart Hitra-Frøya. Informasjonsmøte "Aktiv forvaltning av Marine Ressurser", Hitra, 21. november 2018.

- Ottesen, D.:** Marine grunnkart Hitra-Frøya. Informasjonsmøte "Aktiv forvaltning av Marine Ressurser", Frøya, 22. november 2018.
- Ottesen, D.:** The Quaternary succession in the North Sea and Norwegian Sea: Many excellent targets for IODP drillings. Colloquium on Norwegian Research Activities within the IODP, NGU, Trondheim, 29-30 October 2018.
- Ottesen, D.,** Elvenes, S., Olsen, H., Lepland, A. & Bellec, V.: Marine grunnkart Sogn og Fjordane. Informasjonsmøte "Marine Grunnkart i Sogn og Fjordane", Florø, 1. mars 2018.
- Preto, N.,** Borsato, A., Carampin, R., Porta, G.D., Frisia, S., Gattolin, G., Klügel, A., Himmeler, T., Westphal, H. & Zorzi, F.: Assessing Triassic carbonate microbialites as proxies for paleo-seawater trace element composition - two case studies from the Dolomites (northern Italy) compared. EGU General Assembly, Vienna, 8-13 April 2018.
- Ross, R.E.,** Buhl-Mortensen, L., Dolan, M. & Gonzales-Mirelis, G.: A timeline of Norway's deep-sea exploration: past, present, and future. Beyond Challenger: a new age of deep-sea science and exploration, Royal Society, London, 12-13 November 2018.
- Shcherbakov, V.P. &** Fabian, K.: The acquisition of thermochemical remanent magnetization by oxidation of titanomagnetite at temperature (Poster). EGU General Assembly, Vienna, 8-13 April 2018.
- Simkins, L.M.,** Bjarnadóttir, L.R., Greenwood, S.L. & Winsborrow, M.: Retreat dynamics of marine-based ice sheets: perspectives from diverse high-latitude continental margins. AGU Fall Meeting, Washington, D.C., 10-14 December 2018.
- Singroha, S.,** Büinz, S., Chapman, M., Wu, X., Chand, S. & Plaza-Faverola, A.: Analysis of fracture/fault filled gas hydrate deposits in the Vestnesa ridge. AGU Fall Meeting, Washington, D.C., 10-14 December 2018.
- Stewart, M.S.,** Ottesen, D. & Brønner, M.: Tunnel valleys of the Norwegian and British part of the North Sea. 33rd Nordic Geological Winter Meeting, Kongens Lyngby, Denmark, 10-12 January 2018.
- Thorsnes, T.:** Dagen derpå - MAREANO lyser opp havrommet. Miljødirektoratet, Trondheim, 9. februar 2018.
- Thorsnes, T.:** Fremtidige behov og ønsker - MAREANO-programmet. AUV-workshop, Havlaboratoriet, Bergen, 29. august 2018.
- Thorsnes, T.:** MAREANO og marine grunnkart i Norge - havbunnskartlegging i verdensklasse. Møte med Trøndelagspolitikere, NGU, Trondheim, 5. mars 2018.
- Thorsnes, T.:** Robotene lyser opp havrommet. NGU-dagen, NGU, Trondheim, 6. februar 2018.
- Thorsnes, T.:** Robotene lyser opp havrommet. Seminar for naturfaglærere, NGU, Trondheim, 15. november 2018.
- Thorsnes, T.:** Robotene lyser opp havrommet, men i Trøndelag er det mørkt. Midtnorsk akvakultursamling, Stjørdal, 10. april 2018.
- Thorsnes, T.:** Samarbeid om data mellom Equinor of MAREANO. Equinor, Stavanger, 15. august 2018.
- Thorsnes, T.,** Bjarnadóttir, L.R., Jakobsen, F., Dolan, M., Chand, S., Lågstad, P., Brunstad, H., Olsen, K. & Hodnesdal, H.: Applying AUV for seabed and habitat mapping coral damage assessment and location of toxic waste – experiences from the Norwegian mapping programme MAREANO. FEMME 2018 (Forum for the Exchange of Mutual Multibeam Experience), Bordeaux, France, 11-14 September 2018.

- Thorsnes, T.**, Bjarnadóttir, L.R., Jakobsen, F., Dolan, M., Chand, S., Lågstad, P., Brunstad, H., Olsen, K. & Hodnesdal, H.: Applying AUV for seabed and habitat mapping coral damage assessment and location of toxic waste – experiences from the Norwegian mapping programme MAREANO. ASIMO (Autonomous Systems for Integrated Marine and Maritime Observations in Coastal Areas), Gran Canaria, Spain, 17-19 September 2018.
- Thorsnes, T.**, Chand, S., Nixon, F.C., Bjarnadóttir, L.R., Brunstad, H. & Hodnesdal, H.: Gas flare database from the Norwegian EEZ – a MAREANO product. GEOHAB 2018, Santa Barbara, California, 7-11 May 2018.
- Thorsnes, T.** & Jensen, H.: Sklinnaområdet - landskap, geologi og kjemi og et første forslag til toktopplegg. Miljødirektoratet, Oslo, 17. april 2018.
- Yao, H.**, Hong, W.L., Panieri, G., Gründger, F., Torres, M., Sauer, S., Lehmann, M. & Niemann, H.: Fracture controlled fluid transport induced microbial activities in Vestnesa Ridge. EGU General Assembly, Vienna, 8-13 April 2018.

Mineralressurser

- Bjerkgård, T.:** Iron sulphides: formation and conditions for occurrence in bedrock. Workshop "Impact of sulphide minerals (pyrrhotite) in concrete aggregate in concrete behaviour", Oslo, 15-16 November 2018.
- Bjerkgård, T.**, Sandstad, J.S., Keiding, J., Lutro, O. & Saalman, K.: The setting and formation of massive sulphide deposits in the Lower and Middle Kôli nappes, Hattfjelldal, Nordland, Norway. Workshop "Mineral resources in the Arctic", University of Tromsø, 11-13 June 2018.
- Broekmans, M.A.T.M.:** Experiences from organizing past ICAM conferences since 2008. Organizing Committee of the 14th International Congress for Applied Mineralogy, St. Petersburg, 16-17 April 2018.
- Coint, N.**, Keiding, J.K. & Ihlen, P.: Origin of the Fe-Ti-P mineralizations associated with the 1800 Ma Raftsund batholith, Vesterålen-Lofoten, northern Norway (Poster). Workshop "Mineral resources in the Arctic", University of Tromsø, 11-13 June 2018.
- Coint, N.**, Keiding, J.K., Ihlen, P.M. & McEnroe, S.: Evidence of liquid immiscibility in the 1.8 Ga Raftsund monzonite, Lofoten, Northern Norway. 33rd Nordic Geological Winter Meeting, Kongens Lyngby, Denmark, 10-12 January 2018.
- Gautneb, H.:** Grafitt. Norsk Geologisk Forening avd. Bergen Julemøte, Bergen, 23. november 2018.
- Harstad, T.**, Mørk, M.B.E. & Slagstad, T.: Late Triassic sandstone provenance of the Barents Shelf; a regional comparison of preliminary detrital zircon geochronological and petrographic data. 33rd Nordic Geological Winter Meeting, Kongens Lyngby, Denmark, 10-12 January 2018.
- Harstad, T.**, Mørk, M.B.E. & Slagstad, T.: Provenance of Upper Triassic on the Barents Shelf; a multi-technique approach. International Conference on Arctic Margins (ICAM) VIII, Stockholm, 11-14 June 2018.
- Henderson, I.H.C.:** 3D modelling and visualising of resource deposits in Norway with UAV technology and 3D MOVE. 33rd Nordic Geological Winter Meeting, Kongens Lyngby, Denmark, 10-12 January 2018.
- Korneliussen, A.**, Andreassen, T., Bialecki, R., Henderson, I., Raaness, A. & Walder, I.: Karbonatforekomster - potensialer for verdiskaping. Geonor 2018, Mo i Rana, 18.-19. april 2018.

- Laine, E.L.,** Westerholm, J., Ersfolk, J. & Saalman, K.: 3D geomodelling using high-performance computing in multi-scale mineral potential studies. Geocongress 2018, University of Johannesburg, 18-20 July 2018.
- Mårdalen, J. & Schiellerup, H.:** Analyses for the future - Norwegian laboratory for mineral and materials characterisation. Nature Conference: Minerals and Materials for a Sustainable Future, Trondheim, 11-13 September 2018.
- Pryadunenko, A.,** Nilsson, L.P. & Larsen, R.B.: Geochemistry of Feragen ultramafic body, Central Norway. 33rd Nordic Geological Winter Meeting, Kongens Lyngby, Denmark, 10-12 January 2018.
- Raness, A.M.:** Hva kan stein brukes til? NTNU lærerutdanninga, studenter på naturfagslinja, NGU, Trondheim, 25. april 2018.
- Raness, A.M.:** MinLand: Land use aspects in permitting; Challenges and solutions - Norway. Länsstyrelsen Västerbotten, Umeå, 20 November 2018.
- Raness, A.M.:** MinLand: Norwegian land use policy. Länsstyrelsen Västerbotten, Umeå, 19 November 2018.
- Raness, A.M.:** A Norwegian perspective on prospecting and resource potential. Mining Investment Conference, Helsinki, 17 April 2018.
- Raness, A.M.:** Stein! Saks! Papir! Foredrag for elever fra Sonans Privatskole, NGU, Trondheim, 15. februar 2018.
- Raness, A.M. & Loues, N.:** MinLand: synthesis of case studies. MinLand Consortium Meeting, Brussels, 26-28 November 2018.
- Raness, A.M. & Schiellerup, H.:** MinLand: case Nordland. SGU, Uppsala, 10. januar 2018.
- Raness, A.M. & Skår, Ø.:** Fornuftige mineraler og bergarter - hands on. Geofaglerere, Naturfagsenteret, NGU, Trondheim, 15. november 2018.
- Sandstad, J.S.:** Innspill til Nordnorsk mineralstrategi. Universitetet i Tromsø, Tromsø, 22. mars 2018.
- Sandstad, J.S.,** Bjerkgård, T., Ihlen, P.M., Melezhik, V.A. & Raness, A.M.: Neoproterozoic (Tonian) stratiform iron formations associated glaciogenic deposits in the Scandinavian Caledonides. Workshop "Mineral resources in the Arctic", University of Tromsø, 11-13 June 2018.
- Schiellerup, H.:** Mineraler, materialer og grønn teknologi. NGU-dagen, NGU, Trondheim, 6.-7. februar 2018.
- Schiellerup, H.:** Nordic commodity updates: high-tech metals and minerals in Finland, Sweden and Norway. PDAC 2018, Nordic Mining Day, Toronto, 4-7 March 2018.
- Schiellerup, H.:** Norwegian mineral resources; status and perspectives. German-Norwegian cooperation in the mining sector, Bodø, April 2018.
- Slagstad, T.:** Geologisk tid. VitenLunsj, Trondheim folkebibliotek, 20. oktober 2018.
- Slagstad, T.:** Hvordan gjenkjenne en vulkansk stein. Barneuniversitetet, Trondheim folkebibliotek, 20. oktober 2018.
- Slagstad, T. & Kirkland, C.L.:** Timing of collision initiation and location of the orogenic suture in the Scandinavian Caledonides. 33rd Nordic Geological Winter Meeting, Kongens Lyngby, Denmark, 10-12 January 2018.
- Slagstad, T. & Kirkland, C.L.:** Timing of collision initiation, location of the orogenic suture in the Scandinavian Caledonides and prospectivity of PGE-Ni deposits. Workshop "Mineral resources in the Arctic", University of Tromsø, 11-13 June 2018.
- Slagstad, T.,** Maystrenko, Y., Maupin, V. & Gradmann, S.: Late Mesoproterozoic, Sveconorwegian orogenic mantle preserved beneath SW Fennoscandia, reflected

- in seismic tomography and assessed by thermal modelling. 33rd Nordic Geological Winter Meeting, Kongens Lyngby, Denmark, 10-12 January 2018.
- Slagstad, T.**, Roberts, N.M.W. & Kulakov, E.: Linking orogenesis across the North-Atlantic; the Grenvillian and Sveconorwegian orogens, different in style, but geodynamically coupled. 33rd Nordic Geological Winter Meeting, Kongens Lyngby, Denmark, 10-12 January 2018.
- Thørring, H.**, Jensen, L.K., Finne, I., Kolstad, T., Aas-Hansen, Ø., Raaness, A.M., Watson, R.J., Baranwal, V.C., Rønning, J.S., Wærsted, F.M., Skipperud, L. & Normann, A.K.: Case Orrefjell. 5th European IRPA Congress, The Hague, Netherlands, 4-8 June 2018.
- Thørring, H.**, Jensen, L.K., Wærsted, F.M., Raaness, A.M., Watson, R.J. & Skipperud, L.: Case Orrefjell - Transfer of naturally occurring radionuclides to biota. 7th International Conference on Radioactivity in the Arctic and other vulnerable environments, Oslo, 18-20 June 2018.

NGU-Lab

- Dissertori, G.**, Luckey, D., Nessi-Tedali, F., Pauss, F., Wallny, R., Spikings, R., van der Lelij, R. & Arnau Izquierdo, G.: A visualization of the damage in Lead Tungstate calorimeter crystals after exposure to high-energy hadrons. CALOR 2018 - 18th International Conference on Calorimetry in Particle Physics, Eugene, USA, 21-25 May 2018.
- van der Lelij, R.**, Schönenberger, J., Xie, R. & Ganerød, M.: K-Ar geochronology of low temperature processes with multicollector mass spectrometry and quantitative sample characterization. International Conference of Thermochronology (Thermo 2018), Quedlinburg, Germany, 16-21 May 2018.

Informasjons- og kommunikasjonsteknologi

- Iversen, S.:** Connecting Nordic WFS'es in the NGU request-response-WFS-client. Nordic GIC, Uppsala, Sweden, 24-25 October 2018.
- Iversen, S.:** The Norwegian ground motion service - InSAR Norway. ICA Commission on Maps on the Internet, Zadar, Croatia, 10-11 December 2018.
- Iversen, S.:** Services in cooperation. Nordic GIC, Uppsala, Sweden, 24-25 October 2018.
- Jarna, A.:** Automatic versus manual mapping of coral reefs and bioclastic elements. Arctic research: from extensive to integrated development, Arkhangelsk, Russia, 26-28 April 2018.
- Jarna, A.:** GEOG3523 / 8523 Data Capture and Mapping. Undervisning, NTNU, Trondheim, Høst 2018.
- Jarna, A.:** Mapping the uncharted Arctic. Arctic Frontiers - Emerging Leaders, Tromsø, 17-23 January 2018.
- Jarna, A.**, Beaten, N., Elvenes, S. & Thorsnes, T.: Automatic versus manual mapping of coral reefs offshore Norway (Poster). 7th GEOBIA Conference, Montpellier, France, 18-22 June 2018.
- Jarna, A.**, Elvenes, S. & Bøe, R.: Automated classification of coral deposits in Romsdalsfjorden (Poster). Young Trondhjemites, NGU, Trondheim, 16. March 2018.

Kommunikasjon

- Bjerke, C. & Amundsen, B.F.:** Minerals and materials for a sustainable future (Postere & design). Nature-konferansen, Trondheim, 11-13 September 2018.
- Bjerke, C. & Gundersen, F.S.:** Framtidas steinalder. Stand på Geologiens Dag, Vitenskapsmuseet, Trondheim, 9. september 2018.
- Bjerke, C. & Løvø, G.:** Framtidas steinalder. Forskningstorget, Trondheim, 21.-22. september 2018.
- Bjerke, C. & Meyer, G.:** Drifting apart, geologisk tidslinje. Utstilling Magma Geopark, Egersund, vår 2018.
- Olaussen, S., Larssen, G.B., Helland-Hansen, W., Johannessen, E.P., Nøttvedt, A., Riis, F., Rismyhr, B., Smelror, M. & Worsley, D.:** The outcropping strata in the Kong Karls Land archipelago, Arctic Norway; a key reference point for the Upper Triassic to Lower Cretaceous succession in the northern Barents Sea. International Conference on Arctic Margins, ICAM VIII, Stockholm, 11-14 June 2018.
- Rasmussen, M.C. & Bjerkgård, T.:** PDAC convention exhibition. Utstilling, Toronto, Canada, 5-7 March 2018.
- Smelror, M.:** Geology for society in year 2058. Resources for Future Generations (RFG 2018), Vancouver, Canada, 16-21 June 2018.
- Smelror, M.:** Tectonostratigraphic framework for the western Barents Sea Region - a short overview. Workshop on Tectonostratigraphic Atlas of the Barents Sea Area, VSEGEI, St. Petersburg, 16-17 April 2018.
- Thiessen, O., Smelror, M. & Sollid, A.:** Blekkspruter fulle av olje / Oil in *Aristoptychites trochleaeformis* (Lindstr.). ARCEX Annual Conference, Longyearbyen, Svalbard, 9-11 October 2018

VERV I INTERNASJONALE ORGANISASJONER OG KOMITEER

- 7th International Workshop on Airborne Electromagnetics:** V.C. Baranwal, member of scientific committee
- 14th International Congress for Applied Mineralogy (ICAM):** M. Broekmans, member of scientific committee
- 24th Electromagnetic Induction Workshop:** V. Baranwal, S. Gradman, members of local organizing 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, deputy chair
- EuroGeoSurveys Statutes Task Force:** J. Høst, member
- EuroGeoSurveys Strategy Task Force:** J. Høst, member
- European Association of Remote Sensing Laboratories (EARSel):** J.F. Dehls, national representative
- European Commission, CIS Working Group on groundwater:** A. Dagestad, member
- European Commission, COST (European cooperation in science and technology), MINEA expert network (Mining the European Anthroposphere):** M. Simoni, member Work Group 4: classification and reporting of material resources/reserves, P. Gundersen, committee substitute
- European Geoscience Union, Arthur Holmes Medal Committee:** T.H. Torsvik, chair
- European Geoscience Union, General Assembly Vienna 2017:** S. Buiter, convener of sessions “Learning from failed models and negative results”, “Understanding the unknowns: recognition, quantification, influence and minimisation of uncertainty in the geosciences”
- European Geoscience Union Programme Committee:** S. Buiter, chair
- European Geoscience Union Stephan Mueller Medal Committee:** S. Buiter, chair
- European Plate Observing System (EPOS):** S. Gradmann, member of Solid Earth Science Forum, O. Olesen, Member of project management board
- European Research Council (ERC), Advanced Grant Committee:** T.H. Torsvik, panel member
- European Standardization Committee, CEN TC 154/TG11 & WG13:** E. Erichsen, member
- European Technology Platform on Sustainable Mineral Resources (ETP-SMR):** H. Schiellerup, executive secretary
- Fennoscandian Association for Metals and Minerals Professionals (FAMMP):** J.S. Sandstad, board member

Fennoscandian Exploration and Mining (FEM 2019): J.S. Sandstad, member of organizing committee

Frontiers Geophysics: S. Buiter, associate editor Geophysics section

Geo-Marine Letters: R. Bøe, editorial board

GeoERA Foresight Team: J. Høst, member

GeoHab: M. Dolan, member of International Scientific Committee, S. Chand & M. Dolan, members of Backscatter Working Group (BSWG), T. Thorsnes, member of Water Column Backscatter Working Group.

Geoinformatika journal: Y.P. Maystrenko, editorial board

Geological Magazine: S. Buiter, editorial board

Geological Society of London Journal: D. Gasser, subject editor

GeoMod2018: S. Buiter, convener of session “Tectonics of faulting, folding and salt systems”

Geosciences Open Access journal: M. Dolan, guest editor of special issue “Marine Geomorphometry”

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

International Centre on Global-Scale Geochemistry: B. Flem, European representative in Governing Board and Scientific Committee

International Continental Drilling Program (ICDP): M. Smelror, member of Assembly of Governors (AOG), Ø. Nordgulen, member of Executive Committee (EC), O. Olesen, principle investigator in project DAFNE (Drilling Active Faults in Northern Europe)

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

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

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

Nordic Hydrological Conference 2018: P. Gundersen, medlem av organisasjonskomit 

Nordic Mining Day, NMD - 2019: H. Schiellerup, chair of programme committee

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

PalaeoArc (International network research programme): A. Lys , styreleder

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

Precambrian Research: B. Bingen, editorial board

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. Buiter, 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

Tectonophysics: T.H. Torsvik, editorial board

Terra Nova: T.H. Torsvik, associate editor

Vestnik (journal) of Institute of geology of Komi Science Center of Ural Branch RAS: M. Broekmans, associate editor

VERV I NASJONALE ORGANISASJONER OG KOMITEER

CAGE, Senter for arktisk gasshydrat, miljø og klima: J. Knies, forskningsleder
Direktoratet for atomsikkerhet og strålevern: Ø. Nordgulen, medlem av Advisory Committee on Nuclear Safety and Radioactive Waste Management
FRAM-senteret: Ø. Nordgulen, medlem av Forskningsledergruppen. M. Smelror, medlem av Sentermøtet
Geirangerfjorden verdensarv: R. Dahl, medlem av fagrådet
Geofaredagen: M. Keiding, medlem av arrangementskomité
MAREANO formidlingsgruppe: G. Løvø, medlem
Miljødirektoratet, Direktoratgruppen for nasjonal samordning av vannforvaltningsforskriften: A. Dagestad, NGUs representant
Mineralproduksjon (tidsskrift Norsk bergforening): K.A. Aasly, medred.
Nasjonal kartlegging for biologisk mangfold – kyst: R. Bøe, medlem programgruppen, T. Thorsnes & H. Jensen, medlemmer overvåkningsgruppe, J. Knies, styremedlem,
Nasjonal toktkomité og instrumentpool: R. Bøe
Nasjonalt Fagforum Grunnvann (NFG): P. Gundersen, nettverkskoordinator og leder for arbeidspakke 4 – felles nettsted hydrogeologimiljø-grunnvann.no
Nasjonalt Geodataråd: M. Smelror, medlem
National Broadband Seismometer Pool Committee: S. Gradmann, member
Natur i Norge (NiN): M. Dolan, medlem av Vitenskapelig Råd
Norsk Bergindustri, Natursteinskomitéen: K.A. Aasly, medlem
Norsk Fagbibliotekforening avd. Trondheim: G. Henriksen, revisor
Norsk Geofarerråd: R.L. Hermanns, medlem
Norsk Geologisk Forening: M. Keiding, styremedlem, T. Thorsnes, medlem av valgkomité, G. Venvik, vara til styret
Norsk Geologisk Forening avd. Trondheim: T.L. Angvik, styremedlem, L. Hansen, kasserer
Norsk komité for geoparker og geoarv: A. Jurus, sekretær
Norske havforskernes forening: S. Elvenes, styremedlem
Norwegian Journal of Geology: T. Slagstad, editor
Norwegian Pool of Advanced Broadband Seismic Instruments: O. Olesen, member
Standard Norge, Komité for tilslag (SN/K 005): E. Erichsen, T. Hibelot, medlemmer
Standard Norge, Referansekomité for naturstein (SN/K 343): K.A. Aasly, leder
Statens vegvesen, E39 Kryssing Romsdalsfjorden: J.S. Rønning, medlem av ekspertgruppe ingeniørgeologi
Stiftelsen Folldal Gruver: R. Dahl, styremedlem
Vannforeningen avd. Midt-Norge: A. Dagestad, styremedlem
Vitensenteret i Trondheim: T.L. Angvik, styremedlem, G. Løvø, rådsmedlem
Vitenskapskomiteen for mattrygghet (VKM): B. Flem, medlem av faggruppe for fôr

SENSORER, VEILEDERE OG BEDØMMELSESKOMITÉER

Cambridge University: D. Ottesen

Christian-Albrechts Universität zu Kiel: M. Brönnner

CSIC (Spanish National Research Council): S. Buiter

ETH Zürich: S. Buiter

Geological Survey of Sweden: Ø. Nordgulen (review of external research projects)

Høgskulen på Vestlandet (HVL): A. Ksienzyk, A. Romundset, G. Sandøy

Israel Nature and Parks Authority (INPA): M. Diesing

Københavns Universitet: D. Ottesen

Luleå University of Technology: O. Olesen

Lunds Universitet: A. Engvik

Marine Institute Ireland: R. Bøe

Norges miljø- og biovitenskapelige universitet (NMBU): E. Larsen

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