

Scientific/scholarly publications

Articles Published in scientific/scholarly journals or series

1. Altunkaynak, Safak; Dilek, Yildirim; Genc, Can S.; Sunal, Gürsel; Gertisser, Ralf; Furnes, Harald; Foland, Kenneth A.; Jing-Sui Yang, JS. Spatial, temporal and geochemical evolution of Oligo-Miocene granitoid magmatism in western Anatolia, Turkey. *Gondwana Research* 2012 ;Volum 21. s.961-986. UiB
2. Altunkaynak, Safak; Sunal, Gürsel; Aldanmaz, Ercan; Genç, Can S.; Dilek, Yildirim; Furnes, Harald; Foland, Kenneth A.; Yang, Jingsui; Yildiz, Merve. Eocene granitic magmatism in NW Anatolia (Turkey) revisited: new implications from comparative zircon SHRIMP U-Pb and Ar-40-Ar-39 geochronology and isotope geochemistry on magma genesis and emplacement. *Lithos* 2012 ;Volum 155. s.289-309 UiB
3. Azmuda, Nafisa; Rahman, Mohammed Ziaur; Madsen, Marit Steine; Khan, Sirajul Islam; Birkeland, Nils-Kåre. Prevalence of a novel division-level bacterial lineage in Lake Dhanmondi, Dhaka, Bangladesh, as revealed by deep sequencing of 16S rRNA gene amplicons. *Current Microbiology* 2012 ;Volume 65.(4) p. 356-360
4. Azmuda, Nafisa; Rahman, Mohammed Ziaur; Sultana, Munawar; Jenssen, Eirin Lunden; Khan, Sirajul islam; Birkeland, Nils-Kåre. Evidence of interspecies O antigen gene cluster transfer between *Shigella boydii* 15 and *Escherichia fergusonii*. *Acta Pathologica, Microbiologica et Immunologica Scandinavica (APMIS)* 2012 ;Volume 120.(12) p. 959-966
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6. Baskar, Sushmitha; Baskar, Ramanathan; Thorseth, Ingunn Hindenes; Øvreås, Lise; Pedersen, Rolf B. Microbially induced iron precipitation associated with a neutrophilic spring at Borra Caves, Vishakhapatnam, India. *Astrobiology* 2012 ;Volum 12.(4) s.327-346 UiB
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8. Blomberg, Ann Elisabeth Albright; Austeng, Andreas; Hansen, Roy Edgar. Adaptive beamforming applied to a cylindrical sonar array using an interpolated array transformation. *IEEE Journal of Oceanic Engineering* 2012;Volum 37.(1) s.25-34 FFI UiO UiB
9. Brasier, Martin D.; Wacey, David. Fossils and astrobiology: new protocols for cell evolution in deep time. *International Journal of Astrobiology* 2012 ;Volum 11.(4) s.217-228 UiB
10. Callow, Hayden John; Hagen, Per Espen; Hansen, Roy Edgar; Sæbø, Torstein Olsmo; Pedersen, Rolf B. A new approach to high-resolution seafloor mapping. *The Journal of Ocean Technology* 2012 ;Volum 7.(2) s.13-22. FFI UiB

11. Cárdenas, Paco A.; Rapp, Hans Tore. A review of Norwegian streptaster-bearing Astrophorida (Porifera: Demospongiae: Tetractinellida), new records and a new species. *Zootaxa* 2012 (3253) s.1-53 UiB UNI
12. Caress, David W.; Clague, David A.; Paduan, Jennifer B; Martin, Julie F.; Dreyer, Brian M.; Chadwick Jr., William W.; Denny, Alden ; Kelley Deborah S. Repeat bathymetric surveys at 1-metre resolution of lava flows erupted at Axial Seamount in April 2011. *Nature Geoscience* 2012;5(7):483-488.
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14. Chang, Mei-Yu; Geffen, Audrey J.; Kosler, Jan; Dundas, Siv Hjorth; Maes, Gregory E. The effect of ablation pattern on LA-ICPMS analysis of otolith element composition in hake, *Merluccius merluccius*. *Environmental Biology of Fishes* 2012 ;Volum 95.(4) s.509-520 HAVFORSK UiB
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20. Drost K., Wirth R., Košler J., Fonneland Jørgensen H. (2012): Chemical and structural relations of epitaxial xenotime and zircon substratum in sedimentary and hydrothermal environments – a TEM study. *Contributions in Mineralogy and Petrology*, DOI 10.1007/s00410-012-0833-6. in press.

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22. Fliegel, Daniel; Knowles, Emily; Wirth, Richard; Templeton, Alexis; Staudigel, Hubert; Muehlenbachs, Karlis; Furnes, Harald. Characterization of alteration textures in Cretaceous oceanic crust (pillow lava) from the N-Atlantic (DSDP Hole 418A) by spatially-resolved spectroscopy. *Geochimica et Cosmochimica Acta* 2012 ;Volum 96. s.80-93.UiB
23. Fortunato, Sofia; Adamski, Marcin; Bergum, Brith; Guder, Corinna; Jordal, Signe; Leininger, Sven Dirk; Zwafink, Christin; Rapp, Hans Tore; Adamska, Maja. Genome-wide analysis of the Sox family in the calcareous sponge *Sycon ciliatum*: multiple genes with unique developmental and adult expression patterns. *EVODEVO* 2012 ;Volume 3.(14)
24. Furnes, Harald; Dilek, Yildirim; Pedersen, Rolf B. Structure, geochemistry, and tectonic evolution of trench-distal backarc oceanic crust in the western Norwegian Caledonides, Solund-Stavfjord ophiolite (Norway). *Geological Society of America Bulletin* 2012 ;Volum 124.(7-8) s.1027-1047. UiB
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34. Jørgensen, Steffen Leth; Hannisdal, Bjarte; Lanzén, Anders; Baumberger, Tamara; Flesland, Kristin; Fonseca, Rita; Øvreås, Lise; Steen, Ida Helene; Thorseth, Ingunn Hindenes; Pedersen, Rolf B.; Schleper, Christa Maria. Correlating microbial community profiles with geochemical data in highly stratified sediments from the Arctic Mid-Ocean Ridge. *Proceedings of the National Academy of Science of the United States of America* 2012 ;Volum 109.(42) s.E2846-E2855 UiB UNI
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Articles published in anthologies

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2. Bagi, Andrea; Lanzén, Anders; Bilstad, Torleiv; Kommedal, Roald. Naphthalene degrading prokaryotic communities of Arctic and Temperate seas. International Symposium on Microbial Ecology (ISME) 14; 2012- 08-19 - 2012-08-24 UiB UIS
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4. Blomberg, Ann Elisabeth Albright; Nilsen, Carl-Inge Colombo; Sæbø, Torstein Olsmo; Hansen, Roy Edgar; Austeng, Andreas. Detecting and Localizing Gas Seeps at the Seafloor Using an Interferometric Sidescan Sonar. I: 11th European Conference on Underwater Acoustics 2012 (ECUA 2012). Curran Associates, Inc. 2012 ISBN 978-1-62276-192-0. s.597-604. FFI UiB UiO
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6. Cardenas, Paco; Rapp, Hans Tore; Klitgaard, Anne Birgitte; Best, Megan; Thollesson, Michael; Tendal, Ole secher. Revision of deep-sea Geodia species (Porifera, Demospongiae) in the Atlantic boreo-arctic region.. Systematikdagarna; 2012-11-26 UiB
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17. Fedøy, Anita-Elin; Leiros, Hanna-Kirsti S.; Steen, Ida Helene; Birkeland, Nils-Kåre. Bacterial subfamily II isocitrate dehydrogenase: adaptations to low and high temperatures. *Extremophiles* 2012; 2012-09-10 - 2012-09-13 UiB UiT
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19. Fisk, M. R.; McLoughlin, Nicola. Photographic Atlas of Alteration of Igneous Glass from the Ocean Basins. Ocean Crust Processes and Consequences for Life; 2012-06-07 - 2012-06-09 UiB
20. Gittel, Antje; Torsvik, Vigdis Lid. Langtidslagring av karbon i arktisk jord. Working paper / CICERO, Center for International Climate and Environmental Research-Oslo 2012; Volum 6. s.32-34 UiB
21. Gittel, Antje. Microorganisms affecting the stabilisation of soil organic carbon in cryoturbated soils of the Siberian Arctic. Annual Meeting of the German Society of General and Applied Microbiology; 2012-03-08 - 2012-03-11. UiB
22. Gittel, Antje. Microorganisms affecting the stabilisation of soil organic carbon in cryoturbated soils of the Siberian Arctic. Biannual Meeting of the International Society of Microbial Ecology; 2012-08-19 - 2012-08-24.
23. Gjerløw, Eirik; Hafliðason, Hafliði; Pedersen, Rolf B.; Höskuldsson, Ármann. Identification and isopach maps of recent Jan Mayen tephra; based on XRF

- core scanner data from marine cores. 30th Nordic Geologic Winter Meeting; 2012-01-09 - 2012-01-12 UiB
24. Gjerløw, Eirik; Höskuldsson, Ármann; Pedersen, Rolf B. The Eggøyán eruption in 1732, Jan Mayen; an emerging ankaramitic surtseyjan type eruption. 30th Nordic Geologic Winter Meeting; 2012-01-09 - 2012-01-12 UiB
 25. Grosch, Eugene Gerald; McLoughlin, Nicola; Abu-Alam, Tamer; Vidal, Olivier. A petrological study of Paleoproterozoic rocks of the Onverwacht Group: New insights into the geologic evolution of the Barberton Greenstone Belt, South Africa. American Geophysical Union Fall Meeting; 2012-12-02 - 2012-12-07. UiB
 26. Hamelin, Cedric; Bezos, A; Dosso, L; Escartin, J; Cannat, M.; Mevel, C.; Pedersen, Rolf B. Atypical Depleted Mantle Components at Mohns Ridge and along the Mid-Atlantic Ridge Near the Azores. 30th Nordic Geological Winter Meeting; 2012-01-04 - 2012-01-07. UiB
 27. Hamelin, Cedric; Bezos, A; Dosso, L; Escartin, J; Cannat, M.; Mevel, C.; Pedersen, Rolf B. Atypical Depleted Mantle Components at Mohns Ridge and along the Mid-Atlantic Ridge Near the Azores. Mineralogical Magazine 2012 UiB
 28. Hannisdal, Bjarte. How Low Can You Go? Causality Detection in Incomplete Records. International Statistical Ecology Conference; 2012-07-03 - 2012-07-06 UiB
 29. Hoffmann, Friederike; Schöttner, Sandra. BallastFlow - Fra idé til prosjekt med help fra TeknoVest. UH Nett Vest Symposium; 2012-03-19 - 2012-03-20 UiB
 30. Hoffmann, Friederike. Successful Marie Curie Proposals - the role of research administration and management. Staff Mobility Week; 2012-05-07 - 2012-05-11 UiB
 31. Jaeschke, A; Früh-Green, G.L.; Bernasconi, S.M.; Thorseth, Ingunn Hindenes; Pedersen, Rolf B.; Jørgensen, Steffen Leth. Diversity of microbial communities associated with hydrothermal venting at the Arctic mid-ocean ridge. The deep-sea and sub-seafloor frontiers conference (DS3F); 2012-03-11 - 2012-03-14. UiB.
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 33. Kemp, David B.; Hannisdal, Bjarte. Timescale uncertainty in stratigraphy and cyclostratigraphic consequences. William Smith Meeting 2012; 2012-09-04 - 2012-09-05. UiB.
 34. Konopasek, Jiri; Kosler, Jan. Principal terrane boundary in the Kaoko Belt of NW Namibia revealed by detrital zircon dating. GAC - MAC annual meeting; 2012-05-27 - 2012-05-29 UiB
 35. Košler J. (2012): U-Pb geochronology and Hf-isotope geochemistry of detrital zircon in sedimentary systems. In Quantitative mineralogy and microanalysis

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36. Kosler, Jan; Hannisdal, Bjarte. Information transfer analysis of laser-induced elemental fractionation in ICP-MS. Winter Conference on Plasma Spectrochemistry; 2012-01-08 - 2012-01-14 UiB.
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 38. McLoughlin, Nicola; Grosch, Eugene Gerald; Kilburn, Matt R.; Wacey, David. Evaluating the earliest traces of Archean sub-seafloor life by NanoSIMS. American Geophysical Union Fall Meeting; 2012-12-03 - 2012-12-08 UiB
 39. McLoughlin, Nicola; Furnes, Harald; Staudigel, Hubert; Hanski, Eero. Seeking Textural Evidence of a Palaeoproterozoic Sub-seafloor Biosphere in Pillow Lavas of the Pechenga Greenstone Belt. In: Melezhik, V.A.; Fallick, A.E., Kump, L.; Prave, A.R.; Strauss, H. (editors). Reading the Archive of Earth's Oxygenation. Springer, s. 1371-1394
 40. McLoughlin, Nicola; Grosch, Eugene Gerald; Kilburn, Matt R.; Wacey, David. Evaluating the earliest traces of Archean sub-seafloor life by NanoSIMS. American Geophysical Union Fall Meeting; 2012-12-03 - 2012-12-08
 41. McLoughlin, N., Melezhik, V.A., Brasier, A.T. and Medvedev, P.V. 2012). Palaeoproterozoic Stromatolites from the Lomagudi-Jatuli interval of the Fennoscandian Shield In "Reading the Archive of Earth Oxygenation vol. 3" (Ed) Melezhik, V.A., Fallick, A.E., Kump, L.R., Lepland, A. Prave, A.R., Strauss, H., Springer, p 1298-1351.
 42. Meyer, Romain; Elkins-Tanton, Linda T. Experimental petrology constrains on melting conditions of high-potassium melts under the Central Sierra Nevada, California, USA. European Geosciences Union General Assembly 2012; 2012-04-22 - 2012-04-27 UiB
 43. Meyer, Romain; Elkins-Tanton, Linda T. Experimental petrology constrains on melting conditions of high-potassium melts under the Central Sierra Nevada, California, USA. Geophysical Research Abstracts 2012 ;Volum 14.(EGU2012) UiB
 44. Meyer, Romain; Pedersen, Rolf B. Ongoing Challenges on North Atlantic Rift-, Ridge- and Continental Margin-Volcanism. 30th Nordic Geologic Winter Meeting; 2012-01-09 - 2012- 01-12
 45. Meyer, Romain; Pedersen, Rolf B. Volcanism along the Jan Mayen Fracture Zone in space and time. European Geosciences Union General Assembly 2012; 2012-04-22 - 2012-04-27 UiB
 46. Meyer, Romain; Pedersen, Rolf B. Volcanism along the Jan Mayen Fracture Zone in space and time. Geophysical Research Abstracts 2012 ;Volum 14.(EGU2012) UiB
 47. Meyer, Romain; Schultz, Lauren; Hendriks, Bart W.H.; Harbor, Dave; van Wijk, Jolante; Connors, Chris. Central Appalachian Valley and Ridge Province Cenozoic igneous activity and their relation in space and time with the Late

- Jurassic rift to drift related alkalic dikes. European Geosciences Union General Assembly 2012; 2012-04-22 - 2012-04-27 UiB
48. Meyer, Romain; van Wijk, Jolante. Petrology of Jurassic Highly Alkalic Intrusives of West Central Virginia: Implications for Lithospheric Instabilities During the Rift-to-Drift Transition. 30th Nordic Geologic Winter Meeting; 2012-01-09 - 2012-01-12 UiB
 49. Meyer, Romain. Potential und Risiken der Schiefergasförderung in Luxemburg. Soirée débat; 2012-10-24 - 2012-10-24 UiB
 50. Møller, Kirsten; Schoenberg, R; Thorseth, Ingunn Hindenes; Dahle, Håkon; Pedersen, Rolf B. Combined spectroscopic, microscopic and DNA analyses of hydrothermal siliceous Fe despots. SCANDEM 2012; 2012-06-12 - 2012-06-15 UiB
 51. Mørkved, Pål Tore; Dörsch, Peter; Bakken, Lars; Simon, N. Combined N₂O mitigation and CO₂ trapping. NJF seminar 453; 2012-11-05 - 2012-11-06 IFE UMB2012
 52. Ntaflos T., Bizimis M., Tschegg C., Košler J. (2012): Recrystallized, non-equilibrated and metasomatized lithospheric mantle beneath Balaton, Pannonian Basin. Geophysical Research Abstracts, 14, EGU2012-7793. EGU meeting, Vienna, April 2012.
 53. Pacton, M., WACEY, D., Kilburn, M.R., and Vasconcelos, C. (2012) Biologically induced vs. biologically influenced mineralization of carbonates from a hypersaline microbial mat, Pernambuco Lagoon, Brazil. 10th Swiss Geoscience Meeting, Bern, Switzerland.
 54. Pedersen, Rolf B.; Blomberg, Ann Elisabeth Albright; Thorseth, Ingunn Hindenes; Jørgensen, Christian; Callow, Hayden John; Hagen, Per Espen. New knowledge on the Jan Mayen Vent Fields from high-resolution seafloor mapping with interferometric synthetic aperture sonar. AGU Fall meeting; 2012-12-03 - 2012-12-07. UiB NTNU FFI
 55. Pedersen, Rolf B.; Slama, Jiri; Meyer, Romain; Kosler, Jan; Hendriks, Bart H W. Early Oligocene alkaline volcanism related to the formation of the Jan Mayen Microcontinent. 30th Nordic Geologic Winter Meeting; 2012-01-09 - 2012-01-12 UiB
 56. Rai, Abhishek Kumar; Breivik, Asbjørn Johan; Mjelde, Rolf; Hanan, Barry; Ito, Garrett; Howell, Samuel M.; Pedersen, Rolf B.; Vogt, Peter. Analysis of converted S-waves and gravity anomaly along Aegir Ridge: implications for crustal lithology. AGU Fall Meeting; 2012-12-03 - 2012- 12-07 UiB UiO
 57. Rapp, Hans Tore. Sponges in the mysterious Norwegian-Greenland Seas: From abyssal plains to seamounts and hydrothermal vents. 11th international workshop on Atlanto-Mediterranean sponges; 2012-04-16 - 2012-04-21 UiB
 58. Rapp, Hans Tore. Svamper I norske farvann: Kunnskapsstatus og forskningsbehov for en helhetlig forvaltning.. Svampeseminar Klif; 2012-10-25 UiB
 59. Reigstad, Laila Johanne; Hoffmann, Friederike Urbassek; Baumberger, Tamara; Eickmann, Benjamin; Røy, Hans; Sweetman, Andrew Kvassnes; Thorseth,

- Ingunn Hindenes; Pedersen, Rolf B. Effects of CO₂ leakage on seafloor life over a CO₂ storage site, -a laboratory model. Ocean Sciences Meeting; 2012-02-20 - 2012-02-24. NIVA UiB
60. Roalkvam, Irene; Stokke, Runar; Haflidason, Haflidi; Steen, Ida Helene. Proteomics of a marine sediment community dominated by ANME-1. Norsk Biokjemisk Selskap Contact Meeting; 2012- 01-19 - 2012-01-22 UiB
 61. Sandstå, Nils Rune; Pedersen, Rolf B.; Williams, Robert; Bering, Dag; Magnus, Christian; Sand, Morten; Brekke, Harald. Submarine fieldwork on the Jan Mayen Ridge; integrated seismic and ROV –sampling. 30th Nordic Geologic Winter Meeting; 2012-01-09 - 2012- 01-12 UiB
 62. Savit, K; Hanan, Barry; Ito, Garrett; Howel, SM; Vogt, Peter; Breivik, Asbjørn Johan; Mjelde, Rolf; Pedersen, Rolf B. The trace and Pb isotope chemistry of the Jan Mayen Fracture Zone and the extinct Aegir Ridge. AGU Fall Meeting; 2012-12-03 - 2012-12-07 UiB UiO
 63. Schoenberg, Ronny; Kleinhanns, IC; Van Zuilen, Mark; Melezhik, Victor A.; Pedersen, Rolf B. Applicability of stable Cr isotope variations in marine sediments for the reconstruction of environmental changes through the geologic record. EGU General Assembly Conference; 2012-04-22 - 2012-04-27 UiB
 64. Slama, Jiri; Kosler, Jan; Konopasek, J. Imaging of accessory minerals for laser ablation ICP-MS microanalysis. SCANDEM 2012 - Annual Meeting of the Nordic Microscopy Society; 2012-06-12 - 2012-06-15 UiB
 65. Slama, Jiri; Pedersen, Rolf B.; Kosler, Jan; Walderhaug, Olav; Fonneland, H.C. Provenance of Neoproterozoic to Cretaceous sedimentary rocks from eastern Greenland and their contribution to the sediments in the Norwegian Sea. Gac-Mac joint annual meeting; 2012-05-27 - 2012-05-29 UiB
 66. Stokke, Runar; Dahle, Håkon; Steen, Ida Helene. Metagenomics of arctic hydrothermal vent biofilms. 6th International Congress on Biocatalysis - biocat2013; 2012-09-02 - 2012-09-06 UiB
 67. Thorseth, Ingunn Hindenes; Steen, Ida Helene; Eickmann, Benjamin; Dahle, Håkon; Baumberger, Tamara; Peters, M; Strauss, H.; Pedersen, Rolf B. Microbial mediated formation of low-temperature hydrothermal barite chimneys. AGU; 2012-12-03 - 2012-12-07 UiB
 68. Wacey, David; McLoughlin, Nicola; Saunders, Martin; Brasier, Martin D. Electron Microscopy of Early Cellular Life. SCANDEM; 2012-06-12 - 2012-06-15 UiB
 69. Økland, Ingeborg Elisabet; Daae, F.L; Dahle, Håkon; Thorseth, Ingunn Hindenes; Pedersen, Rolf B. Low temperature alteration of ultramafic rock sustaining associated microbial communities. SCANDEM 2012; 2012-06-12 - 2012-06-15 UiB

Monographs

1. Bjørn Olav Steinsbu. Characterization of Microorganisms from Marine Hydrothermal Systems. PhD thesis, UiB

2. Kirsten Möller. Transition metal isotope fractionation in marine hydrothermal deposits of the Mohs Ridge, North Atlantic Ocean. PhD thesis, UiB.
3. Irene Roalkvam. Diversity, stratification and in situ metabolism of anaerobic methanotrophic archaea in Nyegga cold seeps. PhD thesis, UiB.
4. Hugo Vika Gjesteland. Isotopic composition of Pb in tree rings of Norway spruce (*Picea abis*) from the Fensfjorden area, western Norway. Master thesis, UiB.
5. Roshan Khadka. Characterization of the pmoB2d1 domain of the particulate methane monooxygenase B2 subunit from 'Methylacidiphilum kamchatkense' Kam1. Master thesis, UiB.

Dissemination measures for users

Reports, memoranda, articles, presentations held at meetings/conferences for project target groups (public sector, trade and industry, organisations)

1. Baumberger, Tamara; Pedersen, Rolf B.; Thorseth, Ingunn Hindenes. Cruise Report G.O. Sars 2012 Jan Mayen vent fields. Bergen, Norway: UiB 2012 22 s. UiB
2. Bøe, Camilla; Sweetman, Andrew Kvassnes; Reigstad, Laila Johanne. Impacts of abrupt in situ CO₂ acidification on microbial activity and viral abundance in near-shore deep sea sediments.. FME-SUCCESS Fall Meeting; 2012-10-22 - 2012-10-23 NIVA UiB
3. Furnes, Harald. Bioalteration of ocean pillow lavas through time – 3.5 Ga to present. Invited talk (28.02.2012) given at faculty of Science, Nelson Mandela Metropolitan University, Port Elizabeth, South Africa
4. Hamelin, Cedric; Pedersen, Rolf B. Geochemical portrait of the mantle beneath Pacific ridges (with isotopes geochemistry and statistical techniques). Seminar CNR; 2012-06-18 - 2012-06-18 UiB
5. Hannisdal, Bjarte. Detecting Causal Interactions in Deep Time. Academia Europaea 24th Annual Conference; 2012-09-11 - 2012-09-13. UiB
6. Hannisdal, Bjarte. Detecting Earth systems interactions in deep time. Departmental seminar, Bristol; 2012-11-23 - 2012-11-23. UiB
7. Hannisdal, Bjarte. Detecting Earth systems interactions in deep time. Departmental seminar, Oxford; 2012-06-06 - 2012-06-06. UiB
8. Hannisdal, Bjarte. Geobiology. Natural History Museum Research Meeting 2012; 2012-04-17 - 2012-04-18. UiB
9. Hoffmann, Friederike. Successful Marie Curie Proposals - the role of research administration and management. Staff Mobility Week; 2012-05-07 - 2012-05-11
10. Hoffmann, Friederike; Schöttner, Sandra. BallastFlow - Fra idé til prosjekt med help fra TeknoVest. UH Nett Vest Symposium; 2012-03-19 - 2012-03-20
11. Horstwood M., Košler J. (2012): Guidelines for better practice in LA-ICP-MS U-Th-Pb geochronology. Short course. Geoanalysis, Buzios, September 2012.

12. Johannessen, Truls; Omar, Abdirahman; Reigstad, Laila Johanne; Sweetman, Andrew Kvassnes. Status WP5: The Marine Component. Christian Michelsen Research; 2012-11-05 - 2012-11-05 NIVA UiB UNI
13. Johannessen, Truls; Omar, Abdirahman; Reigstad, Laila Johanne. WP 5: Detection of potential leakage of injected CO₂ and its potential effect on the environment. SUCCESS Fall Seminar; 2012-10-23 - 2012-10-23 UNI UiB
14. Jørgensen, Steffen Leth; Griffin, Dale; Thorseth, Ingunn Hindenes; Pedersen, Rolf B. Archaea in the atmosphere. IODP post cruise meeting; 2012-11-29 - 2012-12-03 UiB
15. Jørgensen, Steffen Leth; Thorseth, Ingunn Hindenes; Pedersen, Rolf B. Bacteria and Archaea abundance in Basalt from North Pond. IODP postcruise meeting; 2012-11-29 - 2012-12-02 UiB
16. Jørgensen, Steffen Leth; Thorseth, Ingunn Hindenes; Pedersen, Rolf B. Bacteria and Archaea abundance in Basalt from North Pond. IODP postcruise meeting; 2012-11-29 - 2012-12-02 UiB
17. Jørgensen, Steffen Leth. Subsurface basalt as a habitat for life. prøve forelæsning; 2012-11-26 - 2012-11-26. UiB
18. Košler J. (2012): U-Pb geochronology and Hf-isotope geochemistry of detrital zircon in sedimentary systems. In Quantitative mineralogy and microanalysis of sediments and sedimentary rocks (ed. P. Sylvester), Mineral. Assoc. Can. short course series 42, 185-202.
19. Kvassnes, A.J.S., Sweetman, A.K., Thorseth, I., Hobæk, A., and Bolam, S.G. Imptail: Improved submarine tailings placements in Norwegian fjords. Abstract and talk presented at ASLO Ocean Sciences Meeting 2012, Salt Lake City, Utah, USA.
20. Landschulze, Karin; Pedersen, Rolf B.; Aavatsmark, Ivar. Transport of CO₂ along possible migration pathways - how CO₂ or natural gasses may reach the surface. SUCCESS Fall meeting; 2012-10-22 - 2012-10-23 UiB
21. Landschulze, Karin. CO₂ storage - State of the art. CLIMIT PhD-Seminar; 2012-11-29 - 2012-11-30 UiB
22. McLoughlin, Nicola. Nanoscale investigations of microbial biosignatures in Volcanic Glass – tracing life in the seafloor on the early Earth and beyond. Departmental Seminar; 2012-01-07 UiB
23. Mørkved, Pål Tore; Dörsch, Peter; Bakken, Lars; Simon, N. Combined N₂O mitigation and CO₂ trapping. NJF seminar 453; 2012-11-05 - 2012-11-06 UMB IFE
24. Meyer, Romain. Schiefergasgewinnung in Luxemburg - Eine mögliche Energiequelle? Potential und Risiken des Luxemburger Oelschiefers. Luxemburger Wort 2012 s.60-60 UiB
25. Meyer, Romain. The Search around Jan Mayen: A NE-Atlantic Saga about an Ocean Island, a Microcontinent, and a Fracture Zone.. KU Leuven Voordrachtenreeks Geologie 2012 Lectures in Geology; 2012-09-07 - 2012-09-07 UiB

26. Pedersen, Rolf B. Detecting seabed leakages using novel instrumentation. Briefing on the ECO2 Project in the European Parliament; 2012-09-09 UiB
27. Pedersen, Rolf B. Overvåking av CO2 lagre – basert på kunnskap fra marin grunnforskning. Seminar Hordaland Olje og Gass; 2012-12-13 UiB
28. Pedersen, Rolf B. Tverrfaglig forskning ved Senter for Geobiologi. Prioritering av kvalitet - Styreseminar Universitetet i Bergen; 2012-10-24 UiB
29. Pedersen, Rolf B.; Baumberger, Tamara. ECO2 Cruises 2011 - UiB - JMVf and Sleipner. ECO2 cruise planning workshop 2012; 2012-02-08 - 2012-02-09 UiB
30. Pedersen, Rolf B. 14 years of research on the Mid-Atlantic Ridge – perspectives on future mining on the ocean floor. Deep Sea Mining in Norway; 2012-11-12 - 2012-12-13 UiB
31. Rapp, Hans Tore. Sponges in Norwegian waters – diversity/taxonomy and their vulnerability. Future priorities?. Sponge Workshop; 2012-11-20 - 2012-11-21 UiB
32. Rapp, Hans Tore. Sponges in the environment: Taxonomy, habitat and biological importance – new knowledge. Forum for offshore environmental monitoring; 2012- 10-30 - 2012-10-31 UiB
33. Reigstad, Laila Johanne; Baumberger, Tamara; Thorseth, Ingunn Hindenes; Pedersen, Rolf B. Cruise report Sleipner 2012, RV G.O Sars (GS12A). Bergen: Centre for Geobiology 2012 30 s. UiB
34. Reigstad, Laila Johanne; Hoffmann, Friederike Urbassek. Micromonitor: A novel tool for biological monitoring of CO2 leakage from sub-seafloor storage sites. Bergen Teknologioverføring AS; 2012-03-10 - 2012-03-10 UiB
35. Slama, Jiri. Zircon provenance study of Sognefjord S2S system. Earth System Modelling meeting; 2012-06-18 - 2012-06-18 UiB
36. Steen, Ida Helene. Microbial life in the Arctic Mid-Ocean Vent Fields. Norsk Biokjemisk Selskap, lokalmøte Ås; 2012-06-15 UiB
37. Stokke, Runar; Roalkvam, Irene; Steen, Ida Helene. Exploring Metagenomes. Besøk hos Biotekselskap i England; 2012-02-09 - 2012-02-09 UiB
38. Stokke, Runar; Steen, Ida Helene. Metagenomics at arctic deep-sea hydrothermal vent systems. Gjesteforelesning hos Novozymes, Danmark; 2012-10-31 - 2012-10-31 UiB
39. Sweetman, A.K. Risks and impacts of CO2 seepage on the marine environment. MAREMICO meeting, Rimini, Italy, April 2012.
40. Sweetman, A.K. Setting the standard: Preparing for baseline surveys around future CO2
41. Storage sites (The CO2 BASE project). IEAGHG meeting, Bozeman, Montana, USA, July 2012.
42. Sweetman, A.K., Impacts from deep-sea resource extraction on deep-sea resilience, function and recovery. Invited talk to be presented at the Norwegian Geological Union meeting on Deep-Sea Mining, November 2012

Dissemination measures for the general public

Popular science publications (articles/books, books/articles in the public debate, documents formally circulated for review, exhibitions, fiction, etc..)

1. McLoughlin, Nicola. Namnetrekk i stein. Hubro [Avis] 2012-08-19 UiB
2. Pedersen, Rolf B. Ressurser I Arktis – Nye data styrker troen på olje. GEO [Avis] 2012-10-01. UiB
3. Pedersen, Rolf B. Setter Jan Mayen på kartet. Norsk Sokkel [Avis] 2012-02-01 UiB

News publication in the media (newspapers, radio, TV, etc.)

1. Hallé, Claude; Meyer, Romain. Quantum "Schiefergas als Energiequell". radio 100,7 [Radio] 2012-12-02 UiB
2. McLoughlin, Nicola. Liv på land tidligere enn antatt. Geoforskning.no [Internett] 2012-10-10 UiB
3. Pedersen, Rolf B. Geological Samples Acquired from Jan Mayen Ridge. www.seadiscovery.com [Internett] 2012-08-29 UiB
4. Pedersen, Rolf B. Jan Mayen-Ryggen. Professor kjøpte motorsag fo å sage på 2000 meters dyp. Teknisk Ukeblad [Avis] 2012-08-31 UiB
5. Pedersen, Rolf B. Kjempesprekk ved CO2 lager. Dagens Næringsliv [Avis] 2012-09-26 UiB
6. Pedersen, Rolf B. Store gullfunn under 1600 meter med hav. Aftenposten.no [Internett] 2012-11-22 UiB
7. Pedersen, Rolf B. Subsea ravine leaks a new headache for carbon capture. Reuters [Internett] 2012-09-17 UiB
8. Pedersen, Rolf B. Verdens mest ekstreme kilder funnet på havbunnen. Dagbladet [Avis] 2012-01-11 UiB
9. Pedersen, Rolf B. Vil bore ned til mantelen. Geoforskning.no [Internett] 2012-11-12 UiB
10. Schmieding, Kai; Meyer, Romain. Schiefergas in Europa. Saarländischer Rundfunk SR 2 Kultur-Radio [Radio] 2012-10-26 UiB
11. Walerich, Christiane; Meyer, Romain. SCHIEFERGAS. WOXX [Avis] 2012-10-25 UiB 2012