

DEPARTMENT OF EARTH SCIENCE

PUBLICATIONS, REPORTS & PRESENTATIONS 2005

Books and proceedings

1. **Fossen H. & Gabrielsen R.H.**, 2005. Strukturgeologi. (Structural geology; in Norwegian), Fagbokforlaget, Stavanger, 375pp.
2. Fisher A.T., Urabe T., Klaus A., & the Expedition 301 Scientists (**Steinsbu B. O.**), 2005. Proc. IODP, 301: College Station TX (Integrated Ocean Drilling Program Management International, Inc.).
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1. **Alaeimajolan B.**, 2005. Seismic forward modelling of two fault-related folds from the Dezful embayment of the Iranian Zagros Mountains, *Journal of Seismic Exploration*. 14, 1, 13-30.
2. **Alaeimajolan B.**, 2005. An Integrated procedure for Migration Velocity Analysis in complex Structures of thrust- belts. *Journal of Applied Geophysics*
doi:10.1016/j.jappgeo.2005.08.004
3. **Alaeimajolan B. & Pajchel J.**, 2006. Single Arrival Kirchhoff prestack depth migration of complex structures from Zagros fold belt. *CSEG Recorder*, 41-48
4. Astakov V.I. & **Mangerud J.**, 2005. The Age of the Karginsky Interglacial Strata on the lower Yenisei. *Doklady Earth Sciences*, 403, 5, 673-676, Translated fra *Doklady Akademii Nauk*, 403, 63-66.
5. **Atakan K. & Ojeda A.**, 2005. Stress transfer in the Storegga area, offshore mid-Norway. *Marine and Petroleum Geology*, 22, 161-170.
6. Bakke J., Dahl S.O. & **Nesje A.**, 2005. Lateglacial and early Holocene palaeoclimatic reconstruction based on glacier fluctuations and equilibrium-line altitudes at northern Folgefonna, Hardanger, western Norway. *Journal of Quaternary Science*, 20, 179-198.
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11. Bjune A.E., Bakke J., **Nesje A.** & Birks H.J.B., 2005. Holocene mean July temperature and winter precipitation in western Norway inferred from palynological and glaciological lake-sediment proxies. *The Holocene*, 15, 177-189.
12. Bjune A.E., **Mangerud J.** & Moe D., 2005. Past grazing habitats for Svalbard reindeer indicated by the pollen content of 3300-year-old faeces from Edgeøya, Svalbard. *Grana*, 44, 45-50.
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15. Breivik A., **Mjelde R.**, Grogan P., Shimamura H., Murai Y. and Nishimura Y., 2005. Caledonide development offshore-onshore Svalbard Based on Ocean Bottom Seismometer and potential field data. *Tectonophysics*, 401, 79-117.
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19. Czuba W., Ritzmann O., Nishimura Y., Grad M., **Mjelde R.**, Guterch A. & Jokat W., 2005. Crustal structure of Northern Spitsbergen along deep seismic transect between the Molloy Deep and Nordaustlandet. *Geophysical Journal International*, 161, 347-364.
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VITENSKAPELIG PRODUKSJON

Spesialutgåve av *Marine and Petroleum Geology*, v.22 (9-10) Stratagem prosjektet

Volumet oppsummerer resultat frå det 3-årige (2000-2003) STRATAGEM (Stratigraphical development of the glaciated European margin) prosjektet, som var finansiert av EU FP-5. Hovudføremålet var å studere den Neogene utviklinga den NØ-Atlantiske marginen. I tillegg til deltaking frå insituttet (Sejrup, Haflidason, Nygård og Hjelstuen) deltok BGS, GEUS, NIOZ, OGS, University College Dublin og UiTø. 12 artiklar er med i volumet, og desse tek føre seg neogen stratigrafi, sedimentære prosesser, paleoskred, tektonisk utvikling og glasiasjonshistorie for heile marginen frå Irland til Lofoten.