

Geophysical Research Abstracts,
Vol. 10, EGU2008-A-03288, 2008
SRef-ID: 1607-7962/gra/EGU2008-A-03288
EGU General Assembly 2008
© Author(s) 2008



Improvements in knowledge on uplift/subsidence in time scales 10s, 100s, 1000s of years in parts of Scandinavia.

S. Gregersen

Geological Survey of Denmark and Greenland, Copenhagen, Denmark

Discussions continue on uplift/subsidence in Denmark/southern Scandinavia. The patterns in time scales of 10s, 100s and 1000s of years show some similarities and some differences. Geodetic observations exist for all of Scandinavia. Those describe the phenomenon in 10s – 100s of years scale. Earthquake observations in seismology are of relevance to the same time scales. Geological studies of dated shore lines describe the postglacial earth-surface motion in a quite different time scale of 100s – 1000s of years. There is a need for integration of these observations geographically. Further observations in the various time scales are planned together with process descriptions of the observed similarities and differences in the lithosphere project of this session, DynaQlim: Upper mantle dynamics and Quaternary climate in cratonic areas.