

DynaQlim – a regional co-ordination committee of the International Lithosphere Program (ILP)

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DynaQlim (Upper Mantle Dynamics and Quaternary Climate in Cratonic Areas) is a Regional Co-ordination committee of the International Lithosphere Program (ILP), scheduled from late 2007 to 2012 (<http://dynaqlim.fgi.fi>). It integrates existing data and models from a variety of disciplines that consider processes over a range of spatial and temporal scales relating to the Quaternary evolution of cratonic regions, such as Fennoscandia.

A key aim will be to facilitate the development of various models in order to generate more accurate predictions of Earth and ice sheet evolution during the Quaternary, and thus to understand the past and contemporaneous evolution of topography in previously glaciated terrains. DynaQlim gives a unique chance to study the dynamics and rheology of the lithosphere and asthenosphere with increasingly detailed modelling, and it is of fundamental importance in geodesy, geodynamics and palaeoclimate. Models and information gained in the project will have a number of applications, including present-day global change as well as future changes in response to a warming climate.