

NordQuake Training Course 2013 on Analysis of earthquakes

With a focus on hazard, processing and moment tensor inversion

Time and place: The course will take place between 27 - 31 May 2013, at the Geological Survey of Denmark and Greenland - GEUS, Copenhagen, Denmark

Program: The course will focus on the analysis and interpretation of local earthquake data. The main topics will include seismic hazard analysis, signal processing in observational seismology and moment tensor computation using full waveform inversion. Each day will start with presentations related to the current topic by the lecturers or participants. However, other work or topics can also be presented. The participants will mostly work with earthquake data to get hands on experience. The software used in the exercises is based on SEISAN.

Who can attend: The course is open to PhD and MSc students and researchers with a background in earthquake seismology from Nordic countries. There are 25 places available. The participants must bring their own computer.

Funding: NordQuake will pay the participants travel and accommodation costs from Nordic countries. Some support is also available for participants from outside.

How to attend: If you wish to participate please send an e-mail to **Peter Voss** (email address: pv@geus.dk) before **22 April**. Please also send your CV and explain why you wish to attend. If there are more applicants than places, the course organizers will decide based on the applications.

Presentations: Participants are invited to bring data and software from their own research project, to work on and to present to the other participants.

Instructors: Assoc. Prof. Mathilde B. Sørensen, Prof. Jens Havskov (both University of Bergen), Dr. Peter Voss (GEUS)

Nordquake - The Nordic Earthquake Researcher Network - <http://nordquake.net/> - is a researcher network with the aim to contribute to strengthening the quality of the earthquake research and research training in the Nordic and Baltic countries. **NordQuake is funded by NordForsk.**



Nordic Earthquake Researcher Network

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