

EGU21-2770

<https://doi.org/10.5194/egusphere-egu21-2770>

EGU General Assembly 2021

© Author(s) 2021. This work is distributed under the Creative Commons Attribution 4.0 License.



Nordic EPOS - A FAIR Nordic EPOS Data Hub

Annakaisa Korja¹, Kuvvet Atakan², Peter H. Voss³, Michael Roth⁴, Kristin Vogfjord⁵, Elena Kozlovskaya⁶, Eija I. Tanskanen⁶, Niina Junno¹, and Nordic Epos Working Group¹

¹University of Helsinki, Department of Geosciences and Geography, Institute of Seismology, Helsinki, Finland
(annakaisa.korja@helsinki.fi)

²University of Bergen, Bergen, Norway

³GEUS, Copenhagen, Denmark

⁴Uppsala University, Uppsala, Sweden

⁵Icelandic Meteorological Office, Reykjavik, Iceland

⁶University of Oulu, Oulu, Finland

Nordic EPOS - A FAIR Nordic EPOS Data Hub – is a consortium of the Nordic geophysical observatories financed by NordForsk. It is delivering on-line data to European Plate Observing System's Thematic Core Services (EPOS's TCSs). Nordic EPOS consortium comprises of the Universities of Helsinki, Bergen, Uppsala, Oulu and GEUS and Icelandic Meteorological Office. Nordic EPOS enhances and stimulates the ongoing active Nordic interactions related to Solid Earth Research Infrastructures (RIs) in general and EPOS in particular. Nordic EPOS develops expertise and tools designed to integrate Nordic RI data and to enhance their accessibility and usefulness to the Nordic research community. Together we can address global challenges in Norden and with Nordic data.

The Nordic EPOS's main tasks are to advance the usage of multi-disciplinary Solid Earth data sets on scientific and societal problem solving, increase the amount of open, shared homogenized data sets, and increase the scientific expertise in creating sustainable societies in Nordic countries and especially in the Arctic region. In addition to developing services better suited for Nordic interest for EPOS, Nordic EPOS will also try to bring forward Nordic research interest, such as research of Arctic areas in TCSs and EPOS-ERIC governance and scientific boards.

The Nordic EPOS is organized into Tasks and Activities. The project has six main infrastructure TASKs: I - Training in usage of EPOS-RI data and services; II - Nordic data integration and FAIRness; III - Nordic station management of seismological networks, IV - Induced seismicity, safe society; V - Ash and gas monitoring; and VI- Geomagnetic hazards. In addition, the project has one transversal TASK VII on Communication and dissemination. The activities within the TASKs are workshops, tutorials, demos and training sessions (virtual and on-site), and communication and dissemination of EPOS data and metadata information at local, national and international workshops, meetings, and conferences.