
Plan Overview

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Title: Geochemical and isotopic comparison among Phanerozoic basalts, Archean TTG-related metabasalts, and Archean non-TTG-related metabasalts: A global perspective / Solutions for Green and Digital Transition (UTU-GreDiT)

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Project abstract:

Our project aims to describe the geochemical and isotopic composition of basaltic rocks found in the different Archean cratons of the Earth, and to compare them with the geochemistry of the basaltic rocks contained within the Archean Rommaeno and Inari terrains, located in Northern Finland. With this main objective we want to shed light on the mobilization of chemical elements from the mantle to the crust during the Archean, and to identify any anomalous concentrations of metals and elements necessary for energies that promise a green energy transition.

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Geochemical and isotopic comparison among Phanerozoic basalts, Archean TTG-related metabasalts, and Archean non-TTG-related metabasalts: A global perspective / Solutions for Green and Digital Transition (UTU-GreDiT) - Initial DMP (a part of proposal text)

Research data management and management of other research outputs

Types of data/research outputs (e.g. experimental, observational, images, text, numerical) and their estimated size; if applicable, combination with, and provenance of, existing data.

Question not answered.

Findability of data/research outputs: Types of persistent and unique identifiers (e.g. digital object identifiers) and trusted repositories that will be used.

Question not answered.

Accessibility of data/research outputs: IPR considerations and timeline for open access (if open access not provided, explain why); provisions for access to restricted data for verification purposes.

Question not answered.

Interoperability of data/research outputs: Standards, formats and vocabularies for data and metadata.

Question not answered.

Reusability of data/research outputs: Licenses for data sharing and re-use (e.g. Creative Commons, Open Data Commons); availability of tools/software/models for data generation and validation/interpretation /re-use.

Question not answered.

Curation and storage/preservation costs: person/team responsible for data management and quality assurance.

Question not answered.