



The FUTUREVOLC Supersite's e-Infrastructure - A multidisciplinary data hub and data service for Icelandic Volcanoes

Kristín S. Vogfjörd (1), Freysteinn Sigmundsson (2), Sverrir Th. Sverrisson (1), Sigurdur F. Sigurdsson (1), Benedikt G. Ófeigsson (1), Ólafur S. Arnarsson (1), Ingvar Kristinsson (1), Evgenia Ilyinskaya (3), Thorarna Ýr Oddsdóttir (4), Sölvi Th. Bergsveinsson (4), and Kristján R. Hjartansson (5)

(1) Icelandic Meteorological Office, Director Generals Office, Reykjavik, Iceland (vogfjord@vedur.is), (2) Nordic Volcanological Center, Institute of Earth Sciences, University of Iceland, Iceland, (3) British Geological Survey, Edinburgh, United Kingdom, (4) Samsýn, Reykjavík, Iceland, (5) Miracle, Reykjavík, Iceland

The FUTUREVOLC volcanological supersite will establish a data hub and service, where researchers, hazard managers and other stake holders can freely obtain access to multidisciplinary data and products on activity, unrest and eruptions at Icelandic volcanoes. The data include in-situ, remote-sensed and space-based observations, products and models from all the relevant disciplines contributing to volcanological research, i.e. Earth sciences, hydrology and meteorology.

The supersite is firmly founded on close interaction between the main Icelandic volcanological research and monitoring institutions, in coordination with expertise from European researchers participating in FUTUREVOLC. The hub is located at the Icelandic Meteorological Office, an institution responsible for monitoring and archiving data on all natural hazards in Iceland and, which also hosts the Icelandic volcano observatory.