

## **Atmospheric scientist– A full-time position in research and analysis of electromagnetic data at the Icelandic Meteorological Office**

The role of the Icelandic Meteorological Office in monitoring, information dissemination and research of volcanic eruption processes has been greatly expanded in recent years. A major investment has been carried out in infrastructure related to monitoring of eruptions and their effect on the atmosphere. Today a dedicated group of specialists works at the Icelandic Meteorological Office working on these topics.

### **Main role and responsibilities**

The successful candidate is expected to lead the development of applications of remote sensing data (from Lidars, ceilometers and satellites) to monitor natural hazards in real-time, with special emphasis on products detecting and monitoring volcanic ash. Furthermore, she/he is expected to develop system to manage data streams from instruments and generate products to be used operationally by the IMO for real-time monitoring and the issuance of warnings. Management of projects relating to remote sensing and participation in the planning and implementation of systems to monitor airborne particulates. A leading role in the communication with stakeholders both within and outside Iceland, including EUMETSAT.

### **Requirements**

- A doctorate in Physics or comparable education
- Experience in analysis of data, research and/or development of satellite based products
- Good interpersonal and organizational skills
- Ability to work independently and as part of a team
- Ability to communicate team results
- Initiative and professional competence
- Solid background in computers and programming ability (Unix/Linux)
- Good knowledge of Icelandic and/or English
- Experience in project management would be advantageous

The deadline for application is **25 November 2013**.

Salary is according to the appropriate civil service level.

Applications and accompanying documents should preferably be submitted in electronic form by e-mail to [borgar@vedur.is](mailto:borgar@vedur.is). Applicants should send a CV and a cover letter, including the names and contact information of two individuals willing to supply letters of reference. Applications and accompanying documents that are not submitted in electronic form must be sent in duplicate to the Icelandic Meteorological Office, Bústaðavegur 7–9, IS-150 Reykjavík, Iceland. All

applications will be answered and applicants will be informed about the appointment when a decision has been made.

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