



FINNISH METEOROLOGICAL INSTITUTE



## POSTDOCTORAL/OR PhD STUDENT POSITION “REMOTE SENSING OF ATMOSPHERIC COMPOSITION”

**The Finnish Meteorological Institute (FMI) is a service and research institute that produces high-quality observational and model data, and research findings on the atmosphere and seas. The Earth Observation Unit at FMI consists of an experienced international staff with a broad expertise on remote sensing of atmospheric processes as well as on research on the near-Earth space and solar system and we collaborate closely with FMI’s Climate research and Arctic research Units.**

We are now seeking for a motivated and enthusiastic individual for open position in Atmospheric composition research using satellite remote sensing. The successful applicant will play an important role in studying atmospheric processes by utilizing satellite data. Special focus will be on recent and future remote sensing observations, including the Ozone Monitoring Instrument (OMI), the Tropospheric Monitoring Instrument (TROPOMI, to be launched in 2016) and recently launched greenhouse gas missions.

The position will be located in Helsinki, Finland and has duration of 1-2 years with a negotiable starting date. Both PhD students and postdoctoral candidates will be considered. Salary will be based on experience and performance according to the FMI salary scale.

*We offer exciting work and an excellent, international training environment for early-career scientists!*

### Qualifications

- **Postdoctoral position:** Candidates with a doctoral degree (Ph.D. degree or equivalent completed by April 2016) in relevant fields (e.g., atmospheric sciences, applied physics, applied mathematics, statistics) will be considered for the postdoctoral position.
- **Ph.D. student position:** For the Ph.D. student position candidates with masters degree (or equivalent completed by April 2016) in relevant fields (e.g., atmospheric sciences, applied physics, applied mathematics, statistics) will be considered.

Furthermore, a successful candidate must meet the following essential criteria:

- strong background in atmospheric sciences or applied physics.
- experience on satellite data of atmospheric composition, atmospheric modeling, assimilation and/or environmental big data
- good knowledge of some widely used programming languages (e.g. Fortran, Python, Matlab) and Unix/Linux/OS X operating system
- written and spoken fluency in English, and willingness to work internationally
- good communication and organizational skills
- ability to carry out independent research as well as work as a part of a team
- strong interest on research and highly motivated in transferring research results to societal impacts.

**To apply,** send a short application together with a CV and publication list to [hakemukset.kirjaamo@fmi.fi](mailto:hakemukset.kirjaamo@fmi.fi) (cc: [johanna.tamminen@fmi.fi](mailto:johanna.tamminen@fmi.fi)) by email titled “Open position in Remote Sensing” May 12th, 2016 at 12 Noon (EET).

**For more information,** please contact Head of Group Johanna Tamminen ([johanna.tamminen@fmi.fi](mailto:johanna.tamminen@fmi.fi) or +358 (0)40 737 8733)

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