



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Home Affairs FDHA
Federal Office of Meteorology and Climatology MeteoSwiss

MeteoSwiss

MeteoSwiss Good to know

The Swiss Federal Office for Meteorology and Climatology MeteoSwiss is the Swiss National Weather Service. We record and forecast weather and climate in Switzerland and thus make a sustainable contribution to the well-being of the community and to the benefit of industry, science and the environment.

We are looking for a PostDoc for the duration 3 years within the Climate Division, preferably from April 2017 or after agreement:

PostDoc Satellite-Climatology

Job description

Throughout your placement you'll be supporting EUMETSAT's Climate Satellite Application Facility (CM SAF) Project. The CM SAF project uses satellite data to generate long-term climate data records (www.cmsaf.eu). You will generate a new climate data record of the surface radiation budget. This task involves the development of a joint retrieval algorithm for all components of the surface radiation budget from Meteosat data by further developing existing algorithms. You will have the opportunity to publish scientific papers and to conduct research on the cutting edge between science and application. Moreover, you will work closely with MeteoSwiss experts to support the integration of satellite data for operational climate applications.

Qualifications

Scientists holding a PhD in Nature Sciences with knowledge in land surface processes, climatology and/or the retrieval of physical parameters from satellite measurements are encouraged to apply. In addition we require:

- Documented programming skills in a higher level programming language such as Fortran or C
- Experience in handling large data sets
- Highly motivated and team-oriented person
- Knowledge of one of the national languages of Switzerland and excellent English communication skills

We offer

We offer a post-doctoral experience in a climate expert team at the MeteoSwiss Office Zurich Airport. If you are interested, please submit your CV and a motivation letter until 31 January 2017 on www.stelle.admin.ch. For more information please contact Anke Duguay-Tetzlaff, tel. +41 58 460 96 45, anke.tetzlaff@meteoswiss.ch.