

Post doctoral position in satellite Remote Sensing (18 months : 2019-2020/21).
Application closes on **30/12/2018**.

The French Geological Survey, BRGM, reference public institution for applied geosciences in France (www.brgm.fr), is seeking for a post-doctoral position in satellite Remote Sensing. The position is based in BRGM technical and scientific center in Orléans, France.

Within the Risks Division and Geophysical imagery unit, the candidate will participate to research and development activities within the frame of on-going projects related to InSAR monitoring (seismotectonics, landsliding), SAR and optical image correlation applied to bathymetric mapping and volcanic clouds top heights.

In particular, The candidate will be in charge of:

- Improve and test new processing methods of SAR and optical data relevant to current research topics
- Create innovative approaches to image processing and innovative products from satellite imagery in the context of natural risks.
- Participate to the effort of scientific publication and communication: publications on peer review journals and international congresses are foreseen.

A PhD diploma is required as well as research/working experience in the field of satellite remote sensing / Earth Observation (SAR, InSAR and optical remote sensing). The PhD diploma must have been earned less than five years ago. The candidate working experience must include peer-reviewed publications.

The candidate is required to have skills in the following fields:

- Efficiency in one programming language (IDL, Python), and image/signal processing (particularly in the field of Earth Observation).
- Assessed knowledge in Earth Science / Natural Risks would be a plus.
- Keen on team working, supervising students and project animation.
- Ability to work independently.
- Enthusiasm towards scientific communication, peer-reviewed publications congress meetings.

Please, send your application letter, including a CV and motivation letter (in French or English) [here](#).

For any information please contact Daniel Raucoules (d.raucoules@brgm.fr), Marcello de Michele (m.demichele@brgm.fr), Michael Foumelis (m.foumelis@brgm.fr)