



PostDoctoral researcher in ionospheric physics and ionospheric seismology

Job offer from the institut de physique du globe de Paris | CNRS UMR 7154

Researcher in	Physics of the ionosphere, ionospheric seismology
Duration	2 years
Affectation	Department of Planetary and Space Sciences, IPGP
Salary	Depending on the profile, starting from 3,066 euros brut per month
Date of publication	***
Starting date	January-February 2024
Location	Paris 13

The institut de physique du globe de Paris

A world-renowned geosciences organisation, the IPGP is associated with the CNRS and an integrated institute of the Université Paris Cité. Bringing together more than 500 people, the IPGP studies the Earth and the planets from the core to the most superficial fluid envelopes, through observation, experimentation and modelling.

The research areas are structured through 4 main unifying themes: Interiors of the Earth and Planets, Natural Hazards, Earth System and Origins.

The IPGP is in charge of labelled observation services in volcanology, seismology, magnetism, gravimetry and erosion. And the IPGP's permanent observatories monitor the four active French overseas volcanoes in Guadeloupe, Martinique, Réunion Island and Mayotte.

The IPGP hosts powerful computing resources and state-of-the-art experimental and analytical facilities and benefits from first-class technical support. The IPGP provides its students with geosciences training that combine observation, quantitative analysis and modelling, and that reflects the quality, richness and thematic diversity of the research conducted by the IPGP teams.

Team Department

Department of Planetary and Space Sciences (<https://www.ipgp.fr/la-recherche/equipes/planetologie-et-sciences-spatiales/>)

Activities

The Department of Space and Planetary Geophysics of the Institute of physics of the Earth in Paris (IPGP, <http://www.ipgp.fr>) invites applications for a Post-Doctoral position in the field of seismo-ionospheric coupling and propagation of acoustic-gravity waves in the atmosphere/ionosphere.

The main topic of the post-doctoral work will be a detailed study of the ionospheric response to earthquakes and tsunamis, their detection in the ionospheric GNSS data, and simulation of their propagation.



Expected Skills

- PhD in physics of the ionosphere or geophysics, or related field
- Good knowledge of the physics of the ionosphere, coupling between solid Earth and atmosphere/ionosphere, experience with GNSS data, experience in numerical modeling. Knowledge of Artificial Intelligence is a big plus.
- Capacity to work in a team and independently
- Good knowledge of English, both oral and written

Training and experience required

> Education level or diploma : PhD

How to apply

> CV, cover letter, at least 1 recommendation letter

> Deadlines for applications : 15/12/2023

> Contacts (2 contacts are required for the interview): E. Astafyeva (astafyeva@ipgp.fr), E.A. Kherani (alam.kherani@inpe.br)