

POSTDOCTORAL POSITION IN GEOGRAPHY

Position to be filled between December 2024 and January 2025.

Deadline for applications: 15/11/2024 (applications will be processed on a rolling basis as they are received).

The Centre for Research in Economics and Statistics (CREST, CNRS UMR 9194, Institut Polytechnique de Paris) is a leading scientific research institution in Paris, France, specialising in interdisciplinary quantitative methods and computational social sciences. For more information, please visit the [CREST website](#).

The position:

The successful candidate will join a team conducting research on the role of human behaviour and risk awareness in addressing disaster risk reduction and climate change adaptation, as part of the [FiBeGa project \(ERC-COG-SH7 Number 101044374\)](#). A key objective of the project is to generate participatory assessments and indicators, spatially-explicit interactive short- and long-term simulation tools enabling stakeholders to refine their strategies and policies.

The position does not require teaching. It is available starting December 2024 (with the possibility to start later) and can extend up to three years. Benefits include paid annual leave, flexible working hours, funds to attend workshops or international conferences, and the opportunity to work on new empirical data within the framework of the project.

Responsibilities include:

- Being an integral member of the research team.
- Working with large datasets, emerging spatial and data analysis methods, including AI.
- Developing interactive mapping and spatially explicit agent-based models.
- Contributing to the preparation of data reports, research papers, and policy briefs.
- Participating in meetings with policymakers, first-responders and other stakeholders across Europe.
- Providing support to junior research team members, including research assistants and PhD students.

Your profile:

- You have recently obtained, or are about to complete, your PhD in geography, spatial analysis or GIS.
- You have a keen interest in urban studies, disaster risk reduction and/or climate change adaptation, as well as a strong academic background, with a track record of high-quality research.
- Proficiency in R is required. Additional coding expertise in Python and SQL will be considered beneficial.
- Experience in computational methods, ABMs, machine learning and/or structural modelling are required.
- You must be fluent in either French and English, and proficient in the other language (spoken and written).
- You are thorough, inquisitive, and able to make autonomous decisions; you understand when to discuss ongoing issues collaboratively; you thrive in an interdisciplinary environment.
- As a collaborative team member, you enjoy engaging with social scientists as well as with policymakers.

We offer:

- Contract type: Fixed-term contract (CDD) of 1 to 3 years.
- Monthly gross wage starting at €3.200, depending on profile.
- Working hours: full-time (can be adjusted to candidates' preferences).
- Start date: December 2024 (can be adjusted to candidates' preferences).
- Workplace: Most of the work is expected to be conducted either at the Palaiseau campus of [ENSAE](#). While remote work is feasible on selected days, face-to-face engagement will be prioritised whenever possible.

Contact: Please send your applications to erc.crest@ensae.fr, including: a resume (with the contact details of two or three academic references), a peer-reviewed paper, and a cover letter.

Benefits:

You will enjoy the following benefits:

25 days' vacation + 18 days' RTT

Telecommuting depending on position

75% reimbursement of transportation costs

Services (company restaurant, library, Musée de l'X, postal service, hairdresser)

Health services: physiotherapist, osteopath free of charge, on-site medical service and social worker

Sports facilities (swimming pool, tennis courts, gym, etc.) and a variety of sporting activities

€15 contribution to the health insurance plan of your choice

École Polytechnique is committed to recruitment that promotes equality, diversity and inclusion. All applications are considered without distinction (age, disability, gender, nationality, religion, sexual orientation, etc.).

All our positions are open to candidates with disabilities.