RESEARCH ASSISTANT (IE) POSITION IN DATA SCIENCE

Position to be filled between December 2024 and January 2025.
Deadline for applications: 30/11/2024 (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 and process new empirical evidence with large surveys in several European metropolises.

This IE position (research assistant) is available starting from December 2024 (possible to start in January 2025) 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.
- Developing the data management plan, administering and processing the project survey data.
- Working with large datasets, contributing to the survey architecture, implementing emerging data analysis methods, including AI, machine learning, spatial analysis, structural modelling.
- Developing the workflows, data mining, automated and reproducible data analytics.
- Meeting with social scientists, policymakers and other stakeholders across Europe, presenting at workshops.
- Contributing to the preparation of data reports, research papers, and policy briefs.
- Providing support to junior research team members, including trainees and students.

Your profile:
- Master in quantitative or computational social science, data science, geography, sociology, physics, or/else.
- Proficiency in R is required. Additional coding expertise in Python and SQL will be considered beneficial.
- Skills in automating reproducible practices, machine learning and/or structural modelling would be helpful.
- Experience working with survey data, heavy datasets and/or remote servers is recommended.
- Interest in social sciences is required. Experience in contributing to peer-reviewed papers would be helpful.
- You must be fluent in either French and English, and proficient in the other language (spoken and written).
- As a collaborative team member, you thrive in an interdisciplinary environment.

We offer:
- Contract type: Fixed-term contract (CDD IE) of 1 to 3 years.
- Monthly gross wage starting at €2.200, 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), links to code and/or scientific publications, 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.