



## Full time Researcher in Climate Economics (H/F)

### Job description:

Ecole Polytechnique is recruiting a full-time **researcher in Climate Economics** (H/F) starting on September 1st, 2021 for a period of 2 years. A PhD in Economics/Applied Mathematics or related fields is required. Significant importance will be placed on the candidate's ability to work in a team environment at Center for Applied Mathematics (CMAP) and to interact with the members of a multidisciplinary group which includes economists and applied mathematicians. The quality of his/her contributions should ideally be attested by publications in the best journals in the field.

This position expects a strong knowledge of the economic issues about the low-carbon transition as well as ability in economic modelling. Candidate is expected to collaborate on interdisciplinary research mingling economic modelling, numerical simulation and data analysis. Research work should be based on 2 aspects of climate changes and their impact: physical risks (changes in both weather and climate that affect economies) and transition risks (societal changes arising from a transition to a low-carbon economy). An effect of the transmission channel microeconomics and macroeconomics could be also included to better allow an analysis of banks' financial risks.

The candidate will have the possibility of recruiting a part-time scientific collaborator to expand his/her researches.

Within the framework of public institute applications (Researcher, Professor), a 2-year secondment is possible.

Ecole Polytechnique offers an attractive salary and a genuine support at the scientific, administrative, and financial levels, thus providing an excellent work environment.

### Keywords :

Carbon taxation, Climate projection, Climate-related financial risks, Macro- and Micro-economic factors, Macro- and Micro-economic transmission channel, Climate risk drivers, Physical risks, Scenario analysis, Stress test, Transition risks, Banking Risks (credit, market, liquidity, operational), Paris Agreement

Contact: Send CV and Cover letter to Marine Saux ([marine.saux@polytechnique.edu](mailto:marine.saux@polytechnique.edu)) By **June 15th**