

**IB2025/Climate Economics Chair
Internship position*****Perception of multiple risks in forest*****Context**

In the past, private forest owners have suffered one natural hazard after another, with periods of relative calm generally allowing them to recover from these events. Under the impact of climate change, these risks are becoming more frequent, more intense and, above all, interdependent. This means that these risks rarely occur in isolation, and more often in cascade. For example, a drought followed by a forest fire, or forest pathogens developing on wood that has been burnt or damaged by a storm. These interactions modify forest owners' perception of risks, as well as their attitudes towards these risks and the way in which they plan to deal with them.

There is a vast literature on the perception of risks in forestry by different types of stakeholder (forest owners, managers, etc.), but to our knowledge no study deals with the perception of multiple risks. The aim of the internship would be to carry out a review of the existing literature on risk perception in forestry in order to identify economic methodologies that would be conducive to understanding the « multiple » dimension of risk perception. The methodologies identified could be both empirical (based in particular on quantitative survey methods) and theoretical (based in particular on the microeconomic modelling of this perception).

The internship will be supervised by Marielle Brunette (BETA, Bureau d'Economie Théorique et Appliquée; Nancy), in collaboration with Elodie Brahic (ETTIS, Environnement, Territoires en Transition, Infrastructures, Sociétés; Bordeaux). This internship is part of the Forest Resilience research programme (PEPR) (FORESTT - <https://www.pepr-forestt.org/>), funded by the Plan Investissement d'Avenir (PIA) France 2030. FORESTT aims to support the transition of forest socio-ecosystems, in temperate and tropical zones, in a context of global change, by bringing together the entire French scientific community. The person recruited will therefore be expected to integrate into and contribute to the activities of the FORESTT programme and the targeted X-RISKS project to which she will be attached.

Tasks

- To carry out a literature review on the perception of risks in forestry by different types of stakeholder (forest owners, managers, etc.).
- Identify methodologies (empirical and theoretical) likely to capture the « multiple » dimension of risk perception.
- **A deliverable in the form of a working paper should be produced during the internship.**

Profile

This position is aimed at Masters students/engineering students in the fields of economics-agriculture-environment-forestry. Candidates must have good organisational and writing skills and be able to work independently. A strong personal interest in the field of forest risks is expected.

This internship may lead to a thesis project.

Duration of internship: 6 months from March/April 2025

Internship location : Paris or Nancy

INRAE salary : €4.35/hour (i.e. around €600/month)

Contact and documents : send CV, covering letter plus Master 1 grades and available Master 2 grades in a **SINGLE PDF** to claire.berenger@chaireeconomieduclimat.org indicating the title of the internship (**maximum 2 applications out of all the CEC internships offered**).

Application closure : January 17, 2025

Interviews from January 20, 2025

Final response to applicants: February 10, 2025