

Value of information, digitalization of agriculture and pesticide use

12-month post-doc position in Agricultural and Environmental Economics Center for Environmental Economics of Montpellier (CEE-M), France

The Center of Environmental Economics at Montpellier (CEE-M), France, (<http://www.cee-m.fr/>), is looking for a **post-doc researcher in economics**, for a **one-year appointment**, under an [INRAE](#) contract.

INRAE is the French National Research Institute for Food, Agriculture and Environment. It has 10 000 staff across France. The CEE-M is one of the 200 research units to which INRAE contributes. It is home to an active group of researchers (from INRAE, CNRS, University of Montpellier and Institut Agro) both in environmental and agricultural economics, as well as experimental and behavioural economics. It organizes each year an international workshop on environmental & natural resource economics (<https://www.cee-m.fr/events/annual-workshop/>) and hosts an experimental economics lab (<https://www.cee-m.fr/leem/>) with an additional mobile lab and support for online experiments.

There is a growing emphasis on the role played by digital decision support tools in providing farmers with information to better manage production risk with the aim to accelerate the transition to environmentally-friendly farming. The focus of the research is on the adoption and use by farmers of digital decision support tools (DST) for a better management of pesticide use. The focus of the research is on the value and framing of information given to DST users (with a specific focus on the uncertainty on the information provided by the DST).

The post-doc research will be conducted in the framework of a broader program financed by the Digital Agriculture Convergence Lab (<https://www.hdigitag.fr/fr/>) and by the French technical institute on crops (<https://www.arvalis.fr/technical-institute>). The research will involve experimental approaches to measure farmers' preferences for different types and framing of information provided by the DST interface.

We are looking for a candidate with:

- a PhD in economics or behavioural science
- a good expertise in (field and lab) experimental economics
- skills in applied econometrics;
- knowledge of economics of information and/or risk economics
- a genuine interest in agricultural and/or environmental issues, willing to engage with farmers
- Preferably French-speaking

CONDITIONS

This position has no teaching requirements and is entirely research-oriented.

Gross salary will be around 2400-2700 € per month according to past experience.

The position is based in Montpellier (with a maximum of 3 days of teleworking per week) at the INRAE Campus (2 place Viala, 34060 Montpellier).

Starting date is flexible between September and November 2023.

APPLICATION

Applications will be reviewed on a rolling basis until the position is filled. To submit an application, please send a CV and a covering letter explaining your motivation, and if possible a letter of recommendation, to sophie.thoyer@inrae.fr and douadia.bougherara@inrae.fr. You can also contact them by mail for more information.