



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 for Environmental Economics of Montpellier (<http://www.cee-m.fr/>) is looking for a post-doc researcher in Economics, with an application to the digitalization of agriculture.

There is a growing emphasis on the role played by digital tools in helping farmers to accelerate the agro-ecological transition. The focus of the research is on the adoption and use by farmers of digital support tools for the reduction of pesticides, with a specific focus on the value of information. The post-doc research is conducted in the framework of a broader program financed by the #DigitAg Digital Agriculture Convergence Lab (<https://www.hdigitag.fr/fr/>). Empirical analysis will be conducted on the applied case of the use by potato-growers in Northern and North-West France of a digital tool helping them to decide on pesticide application. The research also involves a theoretical and modelling exercise on the value of information brought by digital tools (potentially tested via simulations or experiments, depending on the post-doc researcher skills).

We are looking for a candidate with:

- a genuine interest in agricultural issues;
- an expertise in the economics of information and/or risk economics;
- skills in applied econometrics;
- a first experience either in simulation tools and/or experimental economics,

The CEE-M has a dynamic group of researchers both in environmental and agricultural economics, as well as experimental and behavioural economics, and it benefits from a well-functioning experimental lab.

Gross salary will be around 2500-2700 € per month according to past experience. The position is based in Montpellier (with a maximum of 2 days of teleworking per week) at the INRAE Campus (2 place Viala). The position has no teaching obligations. starting date is flexible between September and November 2022.

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.