

PHD POSITION ON ECOSYSTEM SERVICES AT REGIONAL SCALE IN THE EU BIOECONOMY

The University of Padova, Dipartimento Territorio e Sistemi Agro-forestali (TESAF-UNIPD) and the Joint Research Centre (JRC) of the European Commission are inviting applications for PhD positions through the Collaborative Doctoral Partnership (CDP) scheme. The CDP scheme intends to enhance the science-policy link through strategic collaborations with higher education institutions characterized by research excellence and international reputation, in order to:

- Train a new generation of doctoral graduates in science and technology with a focus on the science-policy interface, able to understand the research needs at different stages of the policy cycle, capable of providing scientific support to policy and of using transferable skills in science communication and knowledge management.
- Co-develop, co-host and co-supervise doctoral studies between higher education institutions and the JRC.
- Strengthen collaboration between the JRC and higher education institutions by promoting mutual enhancement of related skills and competences, combining existing knowledge and capacities, and enhancing networking in key scientific areas.

Research topic

Within the CDP scheme we offer a PhD position on Ecosystem services at regional scale in the EU bio-economies.

The updated EU bioeconomy strategy encompasses not only the primary production sectors and the industrial sectors that use biological resources and processes normally at large scale in capital- and labor-intensive industrial plants, but also the ecosystems and the cultural and regulating services they provide, with potential positive effects in the local economies, even if mainly in small scale activities connected to tourism, educational, cultural and sport activities.

In this context, the assessment and valuing of forest ecosystem services and their role in the whole economy is essential. The overall aim of the PhD is to investigate over the contribution of forest ecosystems to the local and regional (bio-)economies, characterizing the type of beneficiaries such as e.g. industries or citizens in rural areas or cities.

Offer

- We offer a three-year PhD position in collaboration with the Joint Research Centre (JRC) of the European Commission.
- The PhD research will be realized at the Dipartimento Territorio e Sistemi Agro-forestali dell'Università di Padova (TESAF-UNIPD) through its PhD program Land, Environment, Resources and Health (LERH) and at the Joint Research Centre (JRC) in Ispra, Italy (at JRC for a period of 24 months).
- We offer a competitive fellowship. While at the JRC in Ispra, you will get a contract as a grant holder Category 20 (see: https://ec.europa.eu/jrc/sites/jrcsh/files/jrc_granholder_rules.pdf).

More info and application

The selection process is based on the normal procedure for the selection at the LERH PhD School. After being selected as a LERH PhD student a second selection is made by JRC. Candidates should at the start of the employment contract with JRC have the nationality of a Member State of the EU or a country associated to the Research Framework Programmes (Horizon2020).