



EUROPEAN COMMISSION
DIRECTORATE-GENERAL
JOINT RESEARCH CENTRE
Directorate B - Resources
Recruitment and Training

2015-IPR-H-000-5356

**Research Project Title - Assessment of the
EU Green Infrastructure in agricultural
areas**

Position for:

Trainee TYPE I (preferably) or II

Short description of activity:

The Env4Agri group in the Unit for Monitoring Agricultural Resources (MARS) supports the implementation of the EU Biodiversity Strategy to 2020, by developing models to map and assess ecosystem services provided by agroecosystems, and to identify the Green Infrastructure in agricultural lands. The Green Infrastructure (GI) is defined in this context as a strategically planned network of natural and semi-natural areas with other environmental features designed and managed to deliver a wide range of ecosystem services. In particular, due to trade-offs between different services provided by agriculture (i.e. provisioning vs regulating services) and lack of input data of optimal resolution, the identification of the GI in agricultural lands at EU scale has proven to be difficult.

The aim of the position is to support GI identification, by contributing to the definition of the framework of analysis, to be drafted on the basis of a sound literature review. Expected results include a test of the procedure of analysis on a set of available digital data. This will be carried out in a GIS environment. Spatial data in digital format on ecosystem services and distribution of semi-natural vegetation will be made available.

Qualifications:

The trainee should have a background in geocology and biodiversity analysis.

Experience in analysis of digital spatial data and ability in scientific writing are desirable.

Good knowledge of spoken and written English (level B2) is essential.

For general eligibility requirements, please read the rules governing the

	<u>traineeship scheme of the JRC:</u> https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees
Institute/Directorate Unit	Institute for Environment and Sustainability Monitoring Agricultural ResourceS (MARS) Unit Env4agri group
Indicative duration	5 months
Preferred starting date	01/09/2015 or later
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	For any technical problems with your application, please contact: JRC-ESRA@ec.europa.eu