



2017-IPR-D-000-9147

**Improving the methodology for High
Nature Value farmland mapping**

Position for:

Trainee

As the science and knowledge service of the Commission, the mission of Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.

The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: <http://www.jrc.ec.europa.eu>

Short description of activity:

The Food Security Unit contributes scientific expertise towards a more effective and efficient management of EU policies related to agriculture and food security, including the Common Agriculture Policy (CAP).

This includes in-depth studies concerning the impact of agriculture of the environment and on how agriculture supports biodiversity.

The objective of the proposed position is to contribute to the update of the methodology to map High Nature Value (HNV) farmland in the EU. HNV farmland concerns areas under management practices potentially supporting biodiversity.

The JRC has contributed to developing the first European map of HNV farmland areas (2008) which now needs to be updated.

Potential improvements which are the objective of the traineeship include: the analysis of data on intensity of land use, and way to include them in the mapping methodology; the review of existing approaches; exploration of possibilities offered by the use of Earth observation data (e.g. HRL grassland data), all activities will be carried out under the supervision of the Traineeship Adviser.

The geographical extent of the analysis is the EU.

	<p><u>Qualifications:</u></p> <p><u>Essential:</u></p> <ul style="list-style-type: none"> • Background in GIS systems and ecological modelling with a focus on agriculture. • Good knowledge of spoken and written English (at B2 at least) <p><u>Advantage:</u></p> <ul style="list-style-type: none"> • Knowledge of HNV farmland dynamics. <p><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</p>
Institute/Directorate Unit	<p>Directorate D - Sustainable Resources, Food Security Unit</p> <p>Further information: https://ec.europa.eu/jrc/en/mars</p>
Indicative duration	5 months
Preferred starting date	As soon as possible
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact: HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p>