

**Partner search for “WATER-2b-2015 Integrated approaches to food security, low-carbon energy, sustainable water management and climate change mitigation”**

We are willing to participate in a project proposal within the following topic:

- H2020 Workprogramme “Climate action, environment, resource efficiency and raw materials”
- Call: “Water Innovation: Boosting its value for Europe”
- Topic: WATER-2b-2015 Integrated approaches to food security, low-carbon energy, sustainable water management and climate change mitigation

Specifically we have experience and are seeking to participate in the following tasks:

- Development of tools and methodologies for integrating agriculture, climate change impacts and adaptation with land use models.
- Development of a better scientific understanding of the land-water-energy-climate nexus.
- Development of integrated strategies and approaches, at different spatial scales, integrating resource efficient land use, agriculture and sustainable water management.

Our research experience is focused in:

- Impacts of agriculture on water resources, both using hydrological models (AnnAGNPS, SWAT, TOPLATS, etc.) and real data.
- Integration of Earth Observation data in our analyses.

Our research has been continuously supported by national and international research projects and our results published in more than 20 papers on high impact journals.

We have participated in a wide range of international research activities and programmes such as COST Actions, CYTED Actions (latin-america), collaborations with European Space Agency, Canadian Space Agency and USDA, and many bilateral joint research projects with European Universities.

In addition, our institution has experience on managing FP7 and H2020 projects and gives us support with administrative duties.

**Contact:**

Universidad Pública de Navarra (Public University of Navarra)

- Prof. Jesús Álvarez Mozos ([jesus.alvarez@unavarra.es](mailto:jesus.alvarez@unavarra.es)) Department of Projects and Rural Engineering
- European Projects Office (OPEN): [servicio.investigacion@unavarra.es](mailto:servicio.investigacion@unavarra.es)