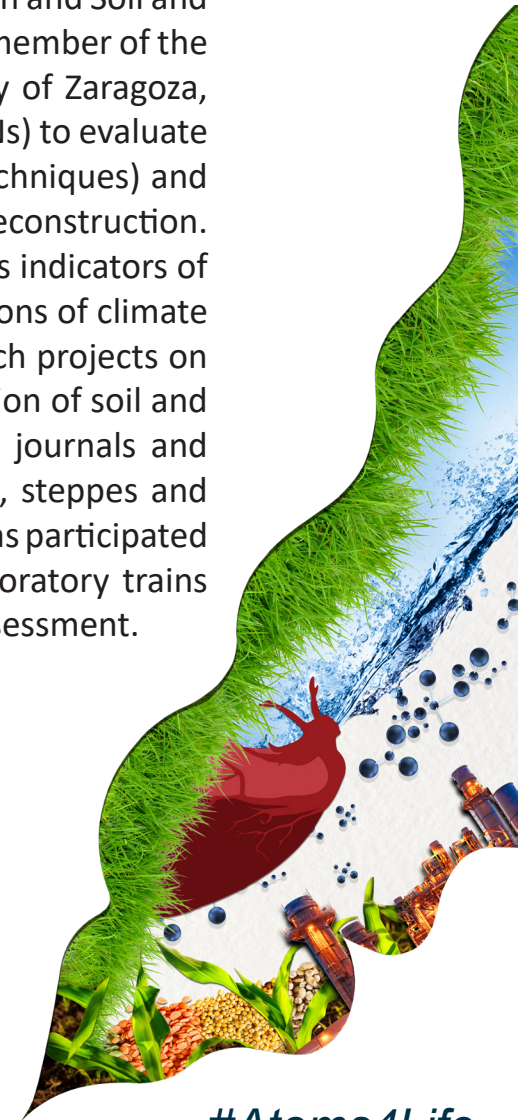




## Ms Ana Navas

Scientific Researcher, Department of Soil and Water, Spanish National Research Council (CSIC), Spain

Ana Navas manages the Gamma Lab and the Research Group on Erosion and Soil and Water Evaluation at the Estación Experimental de Aula Dei. Navas is a member of the Doctorate Committee of the Area of Earth Sciences of the University of Zaragoza, Spain. Her research focuses on soil erosion by using radionuclides (FRNs) to evaluate the complete cycle of soil loss, identifying its origin (fingerprinting techniques) and final deposition in water bodies by applying FRNs for sedimentary reconstruction. She is a pioneer in the application of radionuclides (FRNs and ERNs) as indicators of environmental processes associated with glacial retreat under conditions of climate change in polar and high mountain regions. She has led many research projects on radiotracing and modeling to promote the rational use and conservation of soil and water resources whose results have been published in high quality journals and cover a wide variety of environments (Sahara and Rif, central Africa, steppes and mountains of Patagonia, high mountains, cold and polar regions). She has participated in international missions of the FAO-IAEA Joint Division and her laboratory trains postgraduates on the use of nuclear techniques for environmental assessment.



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