

Prof. José Fernández

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José Fernández is Research Full Professor at the Institute of Geosciences (IGEO) of the Spanish Council for Scientific Research (CSIC).

His research is developed in the field of Geodesy and its application to natural (earthquakes, volcanoes, ground instabilities) and anthropogenic hazards, both in the observation (using terrestrial and space techniques) and modeling aspects. The developed models have been applied, in combination with inversion methods (genetic algorithm, random search, etc.), for the interpretation of displacements and gravity changes in volcanic, seismic and subsidence areas. These models, and their use for the interpretation of observations, are a fundamental tool during volcanic.

He has been editor of the SCI journal "Pure and Applied Geophysics" up to December 2020 and currently he is editor of "Scientific Reports" (Nature group), "Remote Sensing", and "Contributions to Geodesy & Geodesy" and member of the Editorial Advisory Board of Journal of Geodetic Science. He has participated in different Working Groups of the International Association of Geodesy.

He has participated in more than 85 research projects (national, European Union, ESA, NASA, and other Space Agencies and international organizations), being in 57 of them Coordinator, Responsible Investigator or responsible Co-researcher. He has supervised/co-supervised, 7 doctoral and 7 graduation theses, both in Spain and in European Universities.

He has organized 8 international congresses and one session at the Fall AGU Meeting in 2015, and has more than 290 presentations at international conferences, with 20 invited talks in the last 10 years.

His research results have been described in 120 publications in JCR journals. He has been editor of 8 books. His works have more than 2400 citations, and a H index of 28 (Scopus).

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