

DEGREES

BSc in Geology (Universidad Complutense de Madrid UCM, 1988), and PhD in Geology (UCM, 1994).

POSITIONS

- 2008: Tenured Scientist in the Research scale of the Spanish Research Council (CSIC)
- 2009-2011: Head of the Research Structural Unit of Petrology (Institute of Economic Geology CSIC-UCM)
- 2009-: Director of the Petrophysics Laboratory of the Institute of Geosciences IGEO (CSIC-UCM).
- October 2013: Director of the Department of Geomaterials of the Institute of Geosciences IGEO (CSIC-UCM)

TEACHING & TRAINING

Teaching experience in 30 master-courses and specialization courses related to construction materials and Conservation of architectural Heritage, from 1991, in Spanish universities, regional institutions, national research centres, private organisms and associations.

Currently is co-directing 5 doctoral thesis, one of them will be defended next December 2013.

RESEARCH ACTIVITIES

Participation in 11 competitive research projects with national or regional funding, being the coordinator in two of them (of international cooperation).

Participation in 50 research contracts as scientific and technical assistance for public or private organisms (mainly restoration companies), some of them as the main researcher.

Internships/stays in Research centres of recognized international prestige: Spain, Hungary, Italy and United Kingdom.

Participation in 50 International and 30 National conferences, most of them as oral presentation.

Co-author of 2 invention patents for stone finishings: nº P200702293, CSIC 2007; and the second one approved and published last May 2013 (P201131916).

PUBLICATIONS

More than 100 publications since 1990: 40 papers published in SCI journals, 30 articles in national and international journals no SCI, 15 publications in books and international monographies, 15 in nationals, 50 publications in national and international proceedings and 5 electronic publications. Author/coauthor of 2 complete books; co-editor of two volumes: Heritage, Weathering and Conservation. Taylor & Francis Group, Balkema, Rotterdam, 2 volumes, 989 p (2006).

OTHERS: Since October 2013, license for Supervisor of Radioactive Installation by the Consejo de Seguridad Nuclear-Nuclear Safety Council (CSN).

Co-Convener of a Scientific Session at the European Geosciences Union (2012,2013): GI3.4, From Artefact to Historical Site: Geoscience and Non-Invasive Methods for the Study and Conservation of Cultural Heritage