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#### 1 - Academic Degrees

- Degree in CC . Geology from the University of Salamanca (1990-1995)
- Degree of Bachelor with Honours from the University of Salamanca (1995-1997 ) .
- Doctor of CC . Geology from the University of Salamanca (1996-2000 ) .

#### 2 - Research and Teaching Centers

- Faculty of Sciences. Department of Geology , Stratigraphy area . University of Salamanca (1995-1996 ) .
- Institute for Natural Resources and Agrobiology (CSIC ) . Salamanca (1996-2001)
- Economic Geology Institute (CSIC ) . Madrid (2001-2004 ) .
- Department of Petrology and Geochemistry , Institute of Geosciences ( UCM -CSIC ) . Faculty of CC . Geology. Universidad Complutense de Madrid (2004 -present) .

#### 3 - Sexenios . 1 Active 2002-2007

#### 4 - Lines of research developed

- \* Petrology and Petrophysics applied to the Heritage Conservation
- \* Study of stone materials and other building materials ( mortar , bricks , bricks , ... )
- \* Conservation and durability of materials
- \* Conservation Technology
- \* Evaluation of Cleaning and maintenance treatments
- \* Geological and Architectural Heritage
- \* Natural and induced indoor climates .
- \* Location and characterization of ancient quarries
- \* Dissemination of science : Routes Geomonumental
- \* Effect of fire on building materials .
- \* Sales and deterioration.
- \* Geology
- \* Petrology and Mineralogy
- \* Sedimentology and Sedimentary Petrology

#### 5 - Posts made ( since 1999)

- SCI - Scientific Publications : 23 + 2 ( review). Journals included in the categories: Materials Sciences , Characterization & Testing ; Geological Engineering , Construction & Building Technology or Multidisciplinary Geosciences , and in the 2Q and 1Q, mainly .
- Scientific Publications no SCI: 21 (Restoration and Rehabilitation -R & R , Roc Machine , Geo - issues , Journal of the Geological Society of Spain , Bulletin of the Spanish Society of Mineralogy , MACLA , Bulletin Geological Survey , Restoration , ... ) .

- Publications Web distribution : 10, mainly emphasizing [www.madrimasd.org / cienciaysociedad / equity / routes / Geomonumental / default.asp](http://www.madrimasd.org/cienciaysociedad/equity/routes/Geomonumental/default.asp)
- Books and Articles in books : 20 . Prominent among other publishers : Geological Society Special Publication - Geological Soc Publishing House, Bath , London . ; Journal of the Mining Museum , Madrid , Springer Netherlands , Balkema Publication, Rotterdam , IGME , Madrid , CSIC , Madrid,
- 6 - Participation in research projects ( European , National and Regional ): 11 ( 1998-2013 ) , which are active current date 2 of them , to be of interest to mention a project NETWORKS CONSOLIDER and one of the CAM ( [wwwgeomateriales .es](http://www.geomateriales.es) ) .
- 7- Management of research projects ( national, regional and local ): 3 (2006-2013 ) of which are active Current Date 1 national project ( CGL2011 - 27902 : Deterioration of stone materials in the interior of historic buildings as a result induced variation of its microclimate )
- 8 - Participation in educational projects ( UCM ) : 4 (2009-2013 ) . Designing a Virtual Atlas of Sedimentary Rocks petrographic images : [www.ucm.es / info / petrosed](http://www.ucm.es/info/petrosed) . Design interactive field guides created with Google Earth: <https://portal.ucm.es/web/georutas/inicio> .
- 9- Participation in contracts / research agreements with companies and / or administration: 35 (2000-2013 ) . None are currently active .
- 10 - Management of research contracts with companies and / or administration: 1 (2008 )
- 11 - Management of the research group of the UCM ( ref. 921349 ) : Alteration and Conservation of Heritage Stone Materials , composed of 11 researchers from the CSIC and UCM .
- 12 - Master Project Management : September 2 and UCM credits 15 credits 1 University of Granada . Courses 2008-09 and 2009-10 .
- 13 - Management Graduate jobs : 1 (2008-2011 ) by the CSIC
- 14 - Direction of research : 1 (2009-2010 ) by the UCM
- 15 - Thesis Direction : 2 in progress. Title : " Durability of traditional stone built in the region of Madrid" by David M. Freire List. "Evaluation of the changeability of stone materials for use as industrial rocks " of Ana Patricia Perez Fortes .
- 16 - Participation in International Conferences : 35 ( 1997-2013 ) . Highlights: International Congress on Science and Thecnology for the Conservation of Cultural Heritage, Euroseminar on Microscopy Applied to Building Materials : International Conference on Heritage and Building ( CICOP ) , International Congress on Deterioration and Conservation of Stone ; International Symposium on the Conservation of Monuments in the Mediterranean Basin , European Geosciences Union General Assembly, ...
- 17 - Participation in National Conferences : 18 ( 2001-2013 ) . Highlights: Annual Congress Spanish Society of Ceramics and Glass , Spanish Group IIC Congress : Cultural Heritage , Spain Geological Congress , Congress of Social Communication of Science , Symposium on the teaching of Geology: Geochemistry Congress of Spain ; Meeting Spanish society of Mineralogy ; National Conference on Materials ; .....
- 18 - Participation in Courses, Workshops , and Seminars Masters : 22 ( 2002-2013 ) Notable

Graduate courses - " The Conservation of Geomaterials used in Equity , Research in heritage conservation : case studies (course for School Restorers Madrid) , the Petrology of Architectural Heritage Service (Course for Restorers School of Madrid ) , Meeting of the Thematic Network of Historical and Cultural Heritage of CSIC , Science Week 2012: " a look at the geology of Madrid Scientific Meeting of the Institute of Geoscience : Geology, Geodesy and Geophysics ( CSIC - UCM) , Meeting of the Science and Technology for Cultural Heritage Conservation , Scientific Session of the Geological Society of Spain , ...

19 - Organization of I+D activities : 16 ( 1999-2013 ) . Science Week , Madrid Science , International Congress HWC , ...

20 - Participation in integrated action : 3 (2004-2013 ) with Hungary , Italy and Morocco