

CURRICULUM VITAE

Born on May 22, 1980 in Madrid, Spain

Citizen of Spain

ACADEMIC QUALIFICATIONS

4/2011 PhD Thesis in Engineering, Faculty of Forestry, Polytechnic University of Madrid. PhD thesis: Tree-ring applied to flood risk assessment.

03/2009 Master Thesis in Geology *Applied Environmental Geology: Resources and Geology Risk*, Faculty of Science, University of Leon, Spain.

09/2006 Diploma in Forest Engineering, Faculty of Forestry, Polytechnic University of Madrid.

Diploma thesis: Snow avalanche activity in the Spanish Central Pyrenees

PROFESSIONAL EXPERIENCE

2013 – Post doctoral Research, Department of Environmental Sciences, University of Geneva, Switzerland

2015 – Editor of “Agriculture and Forestry” journal (<http://www.agricultforest.ac.me>)

2012-2015 Post-doctoral research at Bern University (Switzerland) ([Dendrolab](#))

2011–2012 Phd assistant at the Spanish Geological Service)

2008–2011 PhD at the Spanish Geological Service

2006-2007 Engineering Assistant EU6 : EPIC-FORCE project (<http://research.ncl.ac.uk/epicforce/>), Polytechnic University of Madrid, Spain.

DISTINCTIONS

2011 Award for the best PhD thesis 2011 in experimental sciences at the Faculty of Forestry, Polytechnic University of Madrid

RESEARCH INTERESTS AND FIELDS OF EXCELLENCE

Analysis of past flood event based on proxy dataset (Paleohydrology)

Interactions Extreme Climate – hydrogeomorphic processes

Soil erosion and land degradation

Tree-Ring Dating of ecological processes (Dendrogeomorphology, Dendroecology, Dendrochronology)

Study Regions: Spanish Central System, Indian Himalaya, Polish Tatra Mountains, Swiss Alps, Central Asia (Kyrgyzstan), South America (Peru)

LINKS TO MEDIA/WEBSITE

<http://www.dendrolab.ch/en/jab.php>

https://www.researchgate.net/profile/Juan_Ballesteros-Canovas