

CURRICULUM VITAE

Personal data

Antonio CASTAÑO TIERNO

Born on the 9th of August 1988 in Badajoz, Spain

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Academic data

- 2015- Ph.D student on *Study of biases of GCM in tropical oceans and their impact on adjacent basins*, under the direction of Profs. Elsa Mohino Harris and Teresa Losada Duval, Universidad Complutense de Madrid
- 2013-2014 Masters Thesis on *Evaluation of Atlantic and Pacific influence on systematic errors in the tropics of both basins*, under the direction of Elsa Mohino Harris and Belén Rodríguez de Fonseca
- 2013-2014 Official Masters Degree in Meteorology and Climatology from the University Complutense of Madrid
- 2013- Grad thesis on Regional Climate Studies under the direction of José Agustín García García in the AIRE group of the University of Extremadura
- 2010-2011 SICUE studentship to study Meteorology and Climatology related subjects in the University Complutense of Madrid
- 2006-2012 Physics Degree at the University of Extremadura

Other academic background

- 2014 3-month long research stay at the ATMOS department of UCLA, under the advisement of Prof. Carlos Roberto Mechoso, learning to use the UCLA coupled general circulation model.
- 2014 DPG Summer School on Physics of the Ocean, Bad Honnef, Germany
- 2013 ESRL Global Monitoring Annual Conference, NOAA. Boulder, CO, USA
- 2013 Course on Visualization of Climate Data, IMAGE STATMOS Workshop, NCAR. Boulder, CO, USA (30 hours)

2012	Advanced Course <i>Tratamiento de datos con Matlab (Data management with Matlab)</i> , University of Extremadura (30 hours)
2012	<i>Extreme Meteorology Workshop</i> , University of Basque Country (30 hours)
2012	Course <i>Introducción al software matemático: Matlab/Octave (Introduction to Mathematical Software: Matlab/Octave)</i> , University of Extremadura (20 hours)
2010	<i>Cosmology and Astronomy</i> summer course, University of Cantabria (20 hours)
2009	Poster <i>Difusión de la Física en la Educación Secundaria</i> , Spanish Royal Society of Physics Biannual Meeting 2009, Ciudad Real
2009-2011	Participation in the Outreach and Divuligation of Science Program in High Schools in Badajoz, under the direction of María Luisa Cancillo Fernández
2009	<i>El arte el magnetismo</i> summer course, University of Oviedo (20 hours)
2006	Excellence Award to New Students – Caja de Extremadura and University of Extremadura

Competences and skills

Languages

Spanish	Mother tongue
English	C2 Level (Certificate of Proficiency in English, University of Cambridge)
French	B2 Level (Official Language School Superior Certificate, Badajoz)
German	A2 Level (GLS Academy, Berlín; Official Language School, Badajoz)
Portuguese	A1 Level

Computer related skills

Operating systems	MacOS and Linux (administrator), Windows (user)
Offimatic	OpenOffice and other word processing suites
Design	QuarkXPress, RapidWeaver
Web and server	Proficient in Wordpress and Cpanel based websites administration, as well as Apache servers

Programming and data processing R (three years experience), Matlab (three years), Fortran (seven years), Verilog (one year). Also Mathematica, Maple and OpenGRADS.
Experience with NetCDF data, mainly with meteorological data and output from weather and climate models, such as WRF, Speedy and UCLA CGCM

Others

Electronics Experience programming and using FPGA dispositives
Instruments Experience with meteorological acquisition probes usage and calibration

Pre-professional experience and student participation

2012-2013 Elected member of the Faculty and Student Board of the Sciences College at the University of Extremadura
2012-2013 Active member of the University Assembly of Badajoz
2008-2010 Elected member of the Faculty and Student Board of the Sciences College at the University of Extremadura
2008-2010 Course delegate at the University of Extremadura
2008-2010 Participation in the Debate League at the University of Extremadura
2008 Grant from the Quality Commission of the Sciences College at the University of Extremadura (two months)
2007-2015 Editor of the cultural magazine *Episkaia*, both online and physical format