

CURRICULUM VITAE – Helena Martins

2016-08-01

PERSONAL DATA

Name: Helena Martins
Nationality: Portuguese
Place and Date of birth: Aveiro, Portugal, May 3, 1975
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PRESENT EMPLOYMENT

Since February 2016 I'm working as Science Communicator at the Rossby Centre, the climate modeling center of the Swedish Meteorological and Hydrological Institute (SMHI), based in Norrköping, Sweden. Here I am responsible for the communication and dissemination of the results of Rossby Centre's projects. I also provide project management and coordination support.

Research Interests

As a partner, or coordinator of numerous national Swedish, European and international projects the Rossby Centre has responsibility for the effective and innovative communication and dissemination of project results to a wide variety of end users and also the wider general public. As science communicator I lead these communication and dissemination activities, including the communication and impact aspects of project proposals. I also provide project management and coordination support.

Currently my research interests include:

- Improving public knowledge of Earth system models and projections
- Develop and use new thinking to better present climate change information through targeted interaction with scientists, policy makers and the wider public
- Earth system models for the provision of climate services

PREVIOUS ACADEMIC EMPLOYMENTS

- Post-doctoral fellow at CESAM (Centre for Environmental and Marine Studies), University of Aveiro, Portugal, January 2010 - December 2015.
- Ph-D student at the University of Aveiro, Portugal, 2004-2009.
- Invited Assistant Professor at the School of Technology and Management, Polytechnic Institute of Leiria, Portugal, March 2007 - July 2011 (50%).

EDUCATION

Formal degree

- Degree, Environmental Engineering, University of Aveiro, 1998.
- M.Sc in Economy and Politics of Energy and Environment, Lisbon Technical University, 2002.
- Ph.D. in Sciences Applied to the Environment, University of Aveiro, 2009. Doctoral thesis “Exploring the links between urban structure and air quality”.

PROJECT EXPERIENCE

- AIR4EU, EU FP6 project (University of Aveiro)
- BRIDGE, EU FP7 project (CESAM & University of Aveiro)
- APPRAISAL, EU FP7 project (CESAM & University of Aveiro)
- CLICURB, FCT project (CESAM & University of Aveiro)
- EMBRACE, FP7 project (SMHI)
- IS-ENES2, FP7 project (SMHI)
- CLIP-C, FP7 project (SMHI)
- HELIX, FP7 project (SMHI)
- CLIMATEEUROPE, H2020 project (SMHI)
- CRESCENDO, H2020 project (work-package leader, SMHI)

COMMITMENTS AND AWARDS

Fellowships

Portuguese National Foundation for Science and Technology Grants: PhD (2004-2008) and Post-doctoral (2010-2015)

Reviewing

- Atmospheric Environment, Atmospheric Research, Atmosphere, Building and Environment, International Journal of Climatology, Journal of Applied Meteorology and Climatology, Journal of Planning Education and Research, Landscape and Urban Planning, Meteorology and Atmospheric Physics, SAGE Open.
- PRACE 11th Call for Proposals for Project Access, including Multi-year and Data Storage Service Pilot Case, reviewer

TEACHING EXPERIENCE

During my PhD studies and beginning of my Post-doctoral fellowship I was involved in professional teaching in the School of Technology and Management, Polytechnic Institute of Leiria. There I taught at the undergraduate level (Atmospheric Pollution, Climatology) and at the M.Sc level (Air Quality Management, Energy and Environment in the Transport Sector). In total, I have more than 600 hours of lecturing in that time.

M.Sc students

- Marina Marques, Air Quality Management in Central Portugal (Thesis), School of Technology and Management, Polytechnical Institute of Leiria, 2011 (**Supervisor**)
- Inês Pereira, CO₂ balance in urban areas: emissions and sequestration (Thesis), University of Aveiro, 2010 (**Co-supervisor**)