


CURRICULUM VITAE

PERSONAL INFORMATION

Full name: **Sofia Darmaraki**
Born: 11 November 1989
Nationality: Greek
Email: sofia.darmaraki@meteo.fr / sofia.darm@gmail.com  @Sofia_Darmaraki

I am a physical oceanographer and climate researcher passionate about extreme climate events and particularly interested in the response of the ocean to them. My current research aims to understand the atmosphere-ocean interactions behind extreme events i.e. heatwaves in the ocean and assess the sources of uncertainty in their future projections, using a multi-model framework under different climate change scenarios. In this context, my mission is also to provide useful information for marine ecosystems and industries that are impacted by (marine) extreme events.

ACADEMIC STUDIES

- 2016-to date* **Doctoral Student**
Centre National de Recherches Meteorologiques (CNRM), Meteo France, Universite Toulouse III-Paul Sabatier, Project: ***“Future regional climate change scenarios of the Mediterranean Sea: Robust assessment and uncertainties”*** as part of MARine Management and Ecosystem Dynamics under climate change (MARmaED), a Marie Sklodowska-Curie European Training Network under European Union’s Horizon 2020 (supervisor Dr.Samuel Somot)
- 2014-2015* **MSc Oceanography** (Distinction)
National Oceanography Center (NOCS), University of Southampton, Faculty of Natural and Environmental Sciences, Project: ***“Extreme snow events in the Mediterranean and correlations with Large-scale circulation”*** (supervisor Dr.Joel Hirschi)
- 2013* **BSc in Physics** (Graduated 3rd in class)
National and Kapodistrian University of Athens, Division of Environmental Physics and Meteorology, Project: ***“Large-Scale Sea Surface Temperature Variations and the Volcanic Effect”*** (supervisor Dr.Sarantis Sofianos)

RELEVANT WORK EXPERIENCE

- 2013* **Volunteer, Management Body of Samaria National Park**, Participation in procedures of gathering, classification and analyses of environmental data, in observation and recording of species of fauna and flora and in targeted actions of public awareness and information (summer only)
- 2012* **Volunteer, Management Body of Samaria National Park**, Participation in procedures of gathering, classification and analyses of environmental data, in observation and recording of species of fauna and flora and in targeted actions of public awareness and information (summer only)
- 2010* **Volunteer, Hellenic Center for Marine Research**, attendance and participation in CTD calibration procedures (summer only)

AWARDS

- 2017* **Special mention poster award**, WE-Heraeus Summer School on Physics of the Ocean
- 2016* **Early Career Grant** for participation in “E³S Cross community workshop on Extreme Events and Environments from Climate to Society”
- 2014* **Awarded studentship** from University of Southampton, for MSc Oceanography studies
- 2014* **Awarded scholarship** from Hellenic Marine Environment Protection Association (HELMEPA) for MSc Oceanography studies

MOBILITY

- 2017* Scientific visit in **IFREMER** Institute, Sete, Project: “Identification of future spawning and feeding regions of Atlantic Bluefin tuna in the Mediterranean Sea” (1.5 months)

RESEARCH EXPEDITIONS

- 2017 Volunteering participation in ecosystem survey in Barents Sea as a laboratory assistant, **IMR** (Norway)
- 2015 Volunteering participation in **RAPID** cruise DY039 onboard research vessel “Discovery”. Assistance in underway measurements processing, CTD and mooring deployment and recovering. Introduction to sampling techniques and instrumentation
- 2014 Scientific activities onboard **NOCS** research vessel. Participation in marine experiments and data procedures. Introduction to sampling techniques

CONFERENCES

- 2018 NEMO User Meeting, Toulouse, France (Oral)
- 2018 Ocean Science Conference, AGU, Portland, USA (Oral)
- 2017 10th Hymex Workshop, Barcelona (Oral)
- 2017 EGU General Assembly, Vienne (Oral)
- 2016 4th International Conference, MedClivar, Athens (Oral)
- 2016 E³S Cross community workshop on Extreme Events and Environments from Climate to Society (Oral)

SEMINARS-COURSES

- 2018 SIMED Meeting, Mercator, Toulouse
- 2018 ECOECO Workshop (MARmaED), Hamburg
- 2018 “MARine Management and Ecosystem Dynamics under climate change (MARmaED)”, 3rd summer school Helsinki
- 2017 Python course, Ecole National de Meteorologie, Meteo France, Toulouse
- 2017 “MARine Management and Ecosystem Dynamics under climate change (MARmaED)”, 2nd summer school, Kristineberg
- 2017 Hereaus Summer School on Physics of the Ocean (*Poster*), Bad Honnef, Germany
- 2017 “Les couplages Ocean-Atmosphere-Vagues”, Ateliers de Modelisation de l’Atmosphere, CIC Meteo France
- 2016 “MARine Management and Ecosystem Dynamics under climate change (MARmaED)”, 1st summer school, Banyuls
- 2013 “Panorama of Entrepreneurship and Career Development”, Megaron Athens International Conference Centre in Athens
- 2012 “Energy Money Conference 2012”, Athens
- 2012 “11th International Conference on Meteorology, Climatology and Atmospheric Physics” COMECAP, 2012, National and Kapodistrian University of Athens
- 2010 13th Panhellenic Conference of Union of Greek Physicists “Physics and Man. Researching Results and Technologies for improving the quality of life”, Patra
- 2007 Course “Global Day Of Climate Change”, Union of Greek Physicists

PUBLICATIONS

Somot S., Jordà G., Harzallah A., **Darmaraki S.** (2016) The Mediterranean Sea in the future climate projections (sub-chapter 1.2.3). *In: The Mediterranean region under climate change: A scientific Update*, Editor: All-Envi in preparation of the COP22, Marrakech, 7-18 November, 2016),

Darmaraki S., Somot S, Sevault F, Nabat P, Cabos W, Cavicchia L, Djurdjevic V, Li L, Sannino S, Sein D (2019) *Future evolution of Marine Heatwaves in the Mediterranean Sea, Climate Dynamics*, DOI :10.1007/s00382-019-04661-z

OUTREACH Contributor to MARmaED Blog: <http://www.marmaed.uio.no/outreach/blog/>

SKILLS Microsoft Office, Latex, Mendeley NCL, MATLAB, CDO, NCO, UNIX, LINUX
Multi-model data processing and statistical analysis
Handle of ocean satellite data

LANGUAGES

English: C2, French: C2, Spanish: A1