



Athanasia Papapostolou

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Phone number: (+30) 2291076404

Gender: Female **Nationality:** Greek

WORK EXPERIENCE

[15/12/2021 – Current] **Research Associate**

Hellenic Center for Marine Research (HCMR)

City: Anavyssos-Attica

Country: Greece

[01/03/2017 – 30/06/2018] **Postdoctoral Associate**

Ocean Physics and Modelling Group - University of Athens - Division of Environmental Physics

City: Athens

Country: Greece

[01/09/2011 – 31/12/2017] **Graduate Research Assistant**

Rosenstiel School of Marine and Atmospheric Science - University of Miami

City: Miami, FL

Country: United States

[01/02/2009 – 30/06/2011] **Graduate Teaching Assistant**

Department of Physics - University of Athens

City: Athens

Country: Greece

EDUCATION AND TRAINING

[01/09/2011 – 31/12/2016] **Ph.D. In Physical Oceanography**

Rosenstiel School of Marine and Atmospheric Science - University of Miami

Address: Miami, FL, United States

Field(s) of study: Physical Oceanography

Thesis: Seasonal Mass and Momentum Balance of the Atlantic Equatorial Undercurrent (EUC)

[01/10/2008 – 30/06/2011] **MSc In Environmental Physics**

Division of Environmental Physics - Department of Physics - University of Athens

Address: Athens, Greece

Field(s) of study: Environmental Physics

Thesis: Spectral Characteristics of the Surface Marine Atmospheric Boundary Layer

[01/10/2000 – 30/09/2008] **BSc in Physics**

Department of Physics - University of Athens

Thesis: Spatio-temporal variability of the air-sea interactions in the Mediterranean sea

LANGUAGE SKILLS

Mother tongue(s): Greek

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

French

LISTENING B2 READING C1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

DIGITAL SKILLS

Programming

Matlab | Basic Fortran Programming | Basic Shell scripting

Operating Systems

Linux OS | Windows OS

Writing and presentations

Libre Office | Microsoft Office (Word Excel Outlook)

RESEARCH FIELD WORK

Participation in Oceanographic Research Cruises

- RAPID-MOCHA Western Boundary Cruise 24/9/2012-10/10/2012
- RAPID-MOCHA Western Boundary Cruise Mar. 14/3/2014-1/4/2014
- OSNAP East Cruise 3/7/2014 - 31/7/2014
- OSNAP East Cruise 15/6/2015 - 7/7/2015

Participation in Peer Reviewed Conferences

- [Papapostolou, A.](#), W. E. Johns, J. Jouanno and P. Brandt, 2018. Seasonal changes in strength and vertical structure of the Atlantic Equatorial Undercurrent (EUC). Ocean Sciences Meeting, 11-16 February 2018, Portland, OR, US
- [Papapostolou, A.](#), W. E. Johns, P. Brandt, J. Jouanno and R. Lumpkin, 2017. Seasonal upwelling in the Eastern Tropical Atlantic (ETA). TAV/PIRATA Meeting 22, 5-10 November 2017, Fortaleza, Brazil
- [Papapostolou, A.](#), W. E. Johns, P. Brandt, R. Lumpkin and J. Jouanno, 2016. The role of subsurface undercurrents in supplying the seasonal upwelling in the eastern Equatorial Atlantic. Ocean Sciences Meeting, 21-26 February 2016, New Orleans, LA, US
- [Papapostolou, A.](#), W. E. Johns, P. Brandt and J. Jouanno, 2014. Atlantic Equatorial Undercurrent Transport and its relation to seasonal upwelling. TAV/PIRATA Meeting 19, 3-7 Nov. 2014, Porto de Galinhas, Brazil
- Helmis C. G. and [A. Papapostolou](#), 2014. Spectral Characteristics of the basic meteorological parameters in the Marine Atmospheric Boundary Layer. 12th International Conference on Meteorology, Climatology and Atmospheric Physics COMECAP 2014, 28 May-31 May 2014, Heraklion, Greece
- [Papapostolou, A.](#), W. E. Johns, P. Brandt, B. Bourlés and J. Jouanno, 2014. Seasonal Momentum Balance of the Atlantic Equatorial Undercurrent (EUC). Ocean Sciences Meeting, 23-28 February, Honolulu, HI, US.
- [Papapostolou, A.](#), W. E. Johns, P. Brandt and B. Bourlés, 2013. Seasonal Dynamics and Mass Balance of the Equatorial Undercurrent. Tropical Atlantic Variability Meeting and PIRATA Workshop, 22-25 October 2013, Venice, Italy
- [Papapostolou, A.](#), W. E. Johns and P. Brandt, 2012. Properties of the Atlantic Equatorial Undercurrent (EUC) during the Tropical Atlantic Climate Experiment (TACE) using ARGO and PIRATA Mooring data. Tropical Atlantic Variability and PIRATA-17 Meeting, 10-14 September 2012, Kiel, Germany

PUBLICATIONS

List of publications

[Papapostolou, Athanasia](#), "Seasonal Mass and Momentum Balance of the Atlantic Equatorial Undercurrent" (2017). *Open Access Dissertations*. 1866.

Publications in peer reviewed journals

- W. E. Johns, P. Brandt, B. Bourlés, A. Tantet, [A. Papapostolou](#) and A. Houk, 2014. Zonal Structure and Seasonal Variability of the Atlantic Equatorial Undercurrent. *Climate Dynamics*, 43,11, 3047-3069.

Publications in preparation for peer reviewed journals

- [A. Papapostolou](#), W. E. Johns, P. Brandt, J. Jouanno and R. Lumpkin. Atlantic Equatorial Undercurrent Transport and its Relation to Seasonal Upwelling. (*to be submitted*)
- [A. Papapostolou](#), W. E. Johns, P. Brandt, J. Jouanno, and B. Bourlés. The seasonal moment balance of the Atlantic Equatorial Undercurrent. (*in preparation*)

Publications in peer reviewed conference proceedings

- Helmis C. G. and [Papapostolou, A.](#), 2014. Spectral characteristics of the basic meteorological parameters in the Marine Atmospheric Boundary Layer. COMECAP 2014, Proceedings Vol. 1, 372-376