

**Dimitra Founda**

Dr., Senior Researcher of IERSD  
Ph.D. Atmospheric Boundary Layer, University of Athens, Greece, 1995  
M.Sc Meteorology and Environmental Physics, University of Athens, Greece, 1987  
BS.c. Physics, Department of Physics, University of Athens, Greece, 1985

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**PROFESSIONAL EXPERIENCE**

- ❑ 2009 – present: Senior Researcher, IERSD/National Observatory of Athens, Greece
- ❑ 2006 - 2009: Associate Researcher, IERSD/National Observatory of Athens, Greece
- ❑ 2001–2006: Permanent Technical Scientific Staff at IERSD/National Observatory of Athens
- ❑ 1994-2001: Technical Scientific Staff (under indefinite term contract) at IERSD/National Observatory of Athens
- ❑ 1987–1994: Technical Scientific Staff (under fixed term contract) at IERSD/National Observatory of Athens
- ❑ 1986: Public Power Corporation of Greece/Department of Alternative Energy Form (under fixed term contract)

**AREAS OF EXPERTISE**

Atmospheric Boundary layer (ABL), Wind flows with emphasis on wind flow over heterogeneous terrain, Mesoscale meteorology, Atmospheric Circulations, Climate change, Analysis of climatic time series, Heat waves, Urban climate.

**HONORS / FELLOWSHIPS / OTHER RELEVANT EXPERIENCE**

- ❑ Member of the Administrative Council of the Hellenic Meteorological Society since 2006.
- ❑ Member of the ACRE (Atmospheric Circulation Reconstruction of the Earth) Initiative
- ❑ Representative of NOA to the network ‘PERIKTIONI’ of the General Secretariat for Research & Technology, for the promotion of policy of equal opportunities to Research and Technology
- ❑ Guest reviewer in Advances in Building Energy Research (ABER).

**PUBLICATIONS**

Co-authored 25 papers published in International refereed journals. The total number of citations to all my refereed papers is ~460, while my h-index is 10 (source Scopus).

Five representative papers follow:

- ❑ Founda D., M. Tombrou, D. Asimakopoulos and D. Lalas: Some measurements of turbulence characteristics over complex terrain. *Boundary- Layer Meteorol.*, 83, 221-245, 1997.
  - ❑ Founda D., D. Melas, S. Lykoudis, I. Lisaridis, E. Gerasopoulos, G. Kouvarakis, M. Petrakis and C. Zerefos: The effect of the total solar eclipse of March 29, 2006 on meteorological variables in Greece, *Atmos. Chem.Phys.*, 7, 5543-5553, 2007.
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- ❑ Founda D. and Giannakopoulos C.: The exceptionally hot summer of 2007 in Athens, Greece – A typical summer in the future climate? *Global and Planetary Change* 67, 227-236, 2009.
- ❑ Founda D. : ‘Evolution of the air temperature in Athens and evidence of climatic change – A review’. *Advances in Building Energy Research (ABER)*, Vol. 5, Number 1, 7-41, 2011
- ❑ Santamouris M., Paravantis J.A., Founda D., Kolokotsa D., Michalakakou P., Papadopoulos A.M., Kontoulis N., Tzavali A., et al.: Financial crisis and energy consumption: A household survey in Greece. *Energy & Buildings*, 65, 477-487, 2013.

**STUDENT AND POSTDOC SUPERVISION**

Supervision of 5 BSc Theses and students’ rehearsal.

**RECENT RESEARCH FUNDING**

Member of the main research team in the projects

- ❑ XENIOS: The impact of climate change on vulnerable touristic areas of Greece - Pilot study for Messinia (Synergy Project), Budget for NOA: 183,600 euro, Start: 14/12/210 End: 14/12/2013
- ❑ CIRCE: Climate Change and Impact Research: The Mediterranean Environment (IP Project) ,Budget for NOA: 100,000 euro,Start: 1/4/2007, End: 31/3/2011
- ❑ Improvement/update of the Wind Energy Map of Greece, Budget for NOA: 250,000 euro, Start: 1/8/2006, End: 30/11/2008
- ❑ ADAGIO: Adaptation of agriculture in European regions at environmental risk under climate change (SSA project)Budget for NOA: 35,000 euro, Start: 1/1/2007 End: 30/6/2009.

**OTHER**

- ❑ Member of Organizing Committees in several National and International Conferences
  - ❑ Member of Scientific Committees in several National and International Conferences
  - ❑ Member of the Hellenic Meteorological Society.
  - ❑ Member of the Hellenic Association of University Women
  - ❑ Referee for PhDs
  - ❑ Reviewer in several International Scientific Journals
  - ❑ Responsible for the historical climatic database of IERSD/National Observatory of Athens
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