

**Theodora Kopania**

Research Associate

MSc in Environmental Impact Assessment, Auditing, and Management Systems,  
School of Environmental Sciences, University of East Anglia, Norwich, UK, 2001  
BSc in Physics, Department of Physics, National University of Athens, Greece, 1999

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web: [http://stratus.meteo.noa.gr/METEUnit/CVs/Kopania\\_Theodora.pdf](http://stratus.meteo.noa.gr/METEUnit/CVs/Kopania_Theodora.pdf)**PROFESSIONAL EXPERIENCE**

- 02/2006-present: Research Associate, IERSD/National Observatory of Athens, Greece
- 06/2002-01/2006: External Research Scientist, IERSD/National Observatory of Athens, Greece
- 11/2001-05/2002: Consultant Assistant for certification of quality and environmental management systems (ISO 9000 and 14000), TQM Hellas S.A., Athens, Greece
- 09/1999-09/2000: Support Scientist (scientific instruments calibration), Solar & Other Energy Systems Laboratory, NCSR “Demokritos”, Athens, Greece.

**AREAS OF EXPERTISE**

Activity in the fields of Meteorology, Climatology and Climate Change, Hydrology, Air Quality, Atmospheric Physics and Chemistry, Solar Radiation measurements, GIS and Remote Sensing and in-situ measurements.

**PUBLICATIONS**Scientific journals

- Kotroni V., K. Lagouvardos, A. Bezes, S. Dafis, E. Galanaki, C. Giannaros, T. Giannaros, A. Karagiannidis, I. Koletsis, T. Kopania, K. Papagiannaki, G. Papavasileiou, V. Vafeiadis, and E. Vougioulas (2021) Storm Naming in the Eastern Mediterranean: Procedures, Events Review and Impact on the Citizens Risk Perception and Readiness. *Atmosphere*, 12(11), 1537, <https://doi.org/10.3390/atmos12111537>.
  - Mamassis N., K. Mazi, E. Dimitriou, D. Kalogeras, N. Malamos, S. Lykoudis, A. Koukouvinos, I. Tsirogiannis, I. Papageorgaki, A. Papadopoulos, Y. Panagopoulos, D. Koutsoyiannis, A. Christofides, A. Efstratiadis, G. Vitantzakis, N. Kappos, D. Katsanos, B. Psiloglou, E. Rozos, T. Kopania, I. Koletsis, and A. D. Koussis (2021) OpenHi.net: A synergistically built, national-scale infrastructure for monitoring the surface waters of Greece. *Water*, 13(19), 2779, <https://doi.org/10.3390/w13192779>.
  - Lagouvardos K., V. Kotroni, A. Bezes, I. Koletsis, T. Kopania, S. Lykoudis, N. Mazarakis, K. Papagiannaki, and S. Vougioukas (2017) The automatic weather stations NOANN network of the National Observatory of Athens: operation and database. *Geoscience Data Journal (Open Access)*, vol. 4, issue 1, pp. 4-16, doi: 10.1002/gdj3.44.
  - Petrakis M., T. Kopania, B. Psiloglou, D. Briggs, G. Hoek, A. Aaheim, G. Shaddick, N. Sifakis, and A. Retalis (2005) GIS and remote sensing techniques in emission mapping for health management in Europe. *IASME Transactions*, vol. 2, issue 3, pp. 383-388, May 2005.
  - Petrakis M., B. Psiloglou, C. Chalkias, M. Lianou, T. Kopania, and E. Petraki (2005) Use of satellite data for the assessment of carrying capacity for the Greek islands (case study Mykonos). *IASME Transactions*, vol. 2, issue 3, pp. 389-394, May 2005.
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- Petrakis M., B. Psiloglou, M. Lianou, C. Chalkias, T. Kopania, and D. Briggs (2005) Development of social-environmental indicators from night light emission data. IASME Transactions, vol. 2, issue 3, pp. 395-399, May 2005.

#### Recent Conferences

- Raptis I.-P., Eleftheratos K., Kopania T., Kouklaki D., and Kazadzis S., Assessment of PANDORA total O<sub>3</sub> and total NO<sub>2</sub> retrievals in Athens, Greece. 15th International Conference on Meteorology, Climatology and Atmospheric Physics (COMECAP 2021), Hybrid Congress, Ioannina, Greece, 26-29 September, 2021.
- Mazi K., Koussis A. D., Lykoudis S., Vitantzakis G., Dimitriadis P., Kappos N., Psiloglou B., Katsanos D., Koletsis I., Rozos E., and Kopania T., HYDRO-NET: Hydro-telemetric Network for surface waters – Innovations and Prospects. vEGU21: Gather Online, 23rd EGU General Assembly, held online, 19-30 April, 2021, EGU2021-14956.
- Raptis I.-P., Kazadzis S., Kopania D., and Amiridis V., Spectral solar measurements for atmospheric composition at Thissio station, Athens, Greece. 1st Scientific Conference PANACEA, University of Crete, Heraklion, Crete, Greece, 23-24 September, 2019 (poster).

#### **PARTICIPATION IN PROJECTS**

Participation in numerous national and EU funded research projects, as well as in projects funded by the public or private sector. The most recent projects are the following:

- RENA II – REsearchers' Nights organized by Athens area Research Institutions to convey the science benefits to the public and motivate young people to science careers, EU, Research and Innovation Framework Programme, Horizon 2020, 06/2018-01/2020.
- HYDRO-NET – Hydro-Telemetric Networks of Surface Waters: Gauging instruments, smart technologies, installation and operation, co-funded by the EU & the Hellenic Ministry of Economy and Development, National Strategic Reference Framework NSRF 2014-2020, 2018-2021.
- KRIPIS II - THESPIA II – Development of synergistic and integrated methodologies and tools for the observation, management and forecast of environmental parameters and pressures, GSRT, National Strategic Reference Framework NSRF 2014-2020, 2017-2020.
- RENA – REsearchers' Nights organized by Athens area Research Institutions to convey the science benefits to the public and motivate young people to science careers, EU, Research and Innovation Framework Programme, Horizon 2020, 05/2016-11/2017.
- Weather forecasts for the private sector, weather related applications and info, www.meteo.gr, funded by Private Sector, involved since 2012, 2006-present.

#### **OTHER**

- 2018-present: Member of Hellenic Association for Aerosol Research (HAAR)
  - 2013-2016: Member of the Young Scientists Committee of the NGO “Ecocity”, Athens
  - 2009-2020: Member of 2 Committees for the campaigns “Ecomobility” & “Free Mobility”, organized by the NGO “Ecocity”, Athens.
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