



Tel: +30-22910-76399

Email: tpapa@hcmr.gr

Google scholar: <https://scholar.google.com/citations?user=6iCsmXEAAAAJ&hl=en&oi=ao>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=7101944752>

ORCID: <https://orcid.org/0000-0002-4441-3443>

Web of Science Researcher: <https://www.webofscience.com/wos/author/record/L-6578-2013>

Researchgate: https://www.researchgate.net/profile/Anastasios-Papadopoulos?ev=hdr_xprf

Webpage: <https://meteo.hcmr.gr/>

- BSc in Physics, Aristotle University of Thessaloniki, Greece (1985-1990)
- MSc in Environmental Physics and Meteorology, National and Kapodistrian University of Athens. Greece (1990-1993)
- PhD in Atmospheric Physics and Dynamic Meteorology, National and Kapodistrian University of Athens, Greece (1996-2001)

Curriculum Vitae

Anastasios Papadopoulos is Physicist-Meteorologist with more than 30 years of research experience. His present position is Research Director at the Institute of Marine Biological Resources and Inland Waters of the Hellenic Centre for Marine Research.

His research interests include the application and improvement of atmospheric models, operational numerical weather and flood risk forecasting with the combined dynamic coupling of atmospheric and hydrological models, the development and application of atmospheric and hydrometeorological data assimilation techniques in numerical models, the study of the water and energy cycle in the atmosphere, the study of interactions in the land-ocean-atmosphere system through the development of a dynamically coupled simulation system of atmospheric circulation, marine circulation and sea waves, the study of intense weather phenomena, as well as the monitoring and management of water resources through the development of automatic network of telemetric stations for monitoring water quality and quantity, and weather parameters.

He participated (as coordinator, principal investigator or as a member of the research team) in approximately 100 national and European research projects. He has served for 20 years as the

scientific responsible of the numerical weather predictions of the POSEIDON system, while since 2016 he has been responsible for the operational implementation of the numerical system for issuing weather forecasts at different resolutions in the Mediterranean region, and discharge and water level forecasts in selected river basins in Greece (meteo.hcmr.gr).

He is the author/co-author of more than 90 articles in peer-reviewed scientific journals, more than 90 peer-reviewed conferences papers and more than 180 other publications in the fields of Dynamic Meteorology, Atmospheric Physics and Hydrometeorology.

He has been a member of the advisory committees in 7 Ph.D., 7 M.Sc and 3 graduate students. He has also supervised many practical exercises carried out at HCMR.

More information about his published work can be found in [Scopus](#) και στο [Google Scholar](#).

Indicative publications

- Kallos, G., V. Kotroni, K. Lagouvardos, and **A. Papadopoulos**, 1998: “On the long-range transport of air pollutants from Europe to Africa”. *Geophysical Research Letters*, **25**, No 5, 619-622, <https://doi.org/10.1029/97GL03317>.
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- **Papadopoulos A.**, P. Katsafados, G. Kallos, and S. Nickovic, 2002: “The weather forecasting system for POSEIDON: An overview”. *The Global Atmosphere and Ocean Systems*, **8**, No. 2-3, 219-237 (retitled *Journal of Atmospheric and Ocean Science*), <https://doi.org/10.1080/1023673029000003543>.
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- **Papadopoulos, A.** and P. Katsafados, 2009: “Verification of operational weather forecasts from the POSEIDON system across the Eastern Mediterranean”. *Natural Hazards and Earth System Sciences*, **9**, 1299-1306, <https://doi.org/10.5194/nhess-9-1299-2009>.
- **Papadopoulos, A.**, E. Serpetzoglou, and E.N. Anagnostou, 2009: “Evaluating the impact of lightning data assimilation on mesoscale model simulations of a flash flood inducing storm”. *Atmospheric Research*, **94**, 715-725, <https://doi.org/10.1016/j.atmosres.2009.05.008>.
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- Soukissian, T.H. and **A. Papadopoulos**, 2015: “Effects of different wind data sources in offshore wind power assessment”. *Renewable Energy*, **77**, 101-114, <https://doi.org/10.1016/j.renene.2014.12.009>.
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