

PERSONAL INFORMATION

Panos Athanasiadis



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Sex Male | Date of birth 06/08/1973 | Nationality Greek

POSITION **Post-doc Research Scientist**

WORK EXPERIENCE

2011 – Present

Research Scientist, CMCC, Bologna, Italy.

Worked in the Climate Simulation and Prediction Division of the CMCC conducting research on seasonal and decadal predictability, extratropical teleconnections, atmospheric blocking and eddy-driven jet variability. Currently involved with a leading role in a number of European Projects (PRIMAVERA, COPERNICUS, BLUE-ACTION, WINDSURFER).

Post-doc Research Associate, University of Athens, AM&WFG, Greece.

Worked at the Atmospheric Modeling & Weather Forecasting Group.

2009 – 2011

Research Associate, University of Washington / JISAO.

Identified patterns of jet-stream variability and examined their relation to storm-track variability and forcing. Analyzed potential vorticity variability near the tropopause and studied extratropical interannual sea surface temperature variability.

2007 – 2009

Research Associate, University of Washington / JISAO.

Identified patterns of jet-stream variability and examined their relation to storm-track variability and forcing. Analyzed potential vorticity variability near the tropopause.

EDUCATION AND TRAINING

2003 – 2007

Ph.D. in Meteorology, University of Reading, UK.

2000 – 2003

M.Sc. in Environmental Physics, National University of Athens, Greece.

1991 – 1997

B.Sc. in Physics, National University of Athens, Greece.

PERSONAL SKILLS

Mother tongue Greek

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Excellent	Excellent	Excellent	Excellent	Excellent
Italian	Very Good	Very Good	Very Good	Very Good	Very Good

Communication skills

Excellent communication skills gained through participation in international conferences, collaboration with other research groups and via lecturing / teaching and public presentations.

Computer skills

Python, Matlab / Octave, Shell scripting, CDO, LaTeX, Linux / Mac OS.

Driving licence A, B

ADDITIONAL INFORMATION

Publications

- Mavilia, A. Bellucci, **P. Athanasiadis**, S. Gualdi, R. Msadek and R-R Yohan, **2018**.
On the spectral characteristics of the Atlantic multidecadal variability in an ensemble of multi-century simulation. *Climate Dynamics*, <https://doi.org/10.1007/s00382-018-4093-7>.
- P. K. Jha, **P. Athanasiadis**, S. Gualdi, A. Trabucco, V. Mereu, V. Shelia and G. Hoogenboom, **2018**.
Evaluating the applicability of using daily forecasts from seasonal prediction systems (SPSs) for agriculture: a case study of Nepal's Terai with the NCEP CFSv2. *Theor. Appl. Climatol.* <https://doi.org/10.1007/s00704-018-2433-5>.
- P. Athanasiadis**, A. Bellucci, A. A. Scaife, L. Hermanson, S. Materia, A. Sanna, A. Borrelli, C. MacLachlan and S. Gualdi, **2017**. A multi-system view of wintertime NAO seasonal predictions. *Journal of Climate*, <http://dx.doi.org/10.1175/JCLI-D-16-0153.1>
- D. Rizou, H. A. Flocas, **P. Athanasiadis** and A. Bartzokas, **2015**. Relationship between the Indian summer monsoon and the large-scale circulation variability over the Mediterranean. *Atmospheric Research*, vol. 152, p. 159–169
- A. Bellucci, R. Haarsma, S. Gualdi, **P. Athanasiadis** and co-workers, **2015**.
An assessment of a multi-model ensemble of decadal climate predictions. *Climate Dynamics*, vol. 44, issue 9–10, p. 2787 – 2806.
- P. Athanasiadis**, A. Bellucci, L. Hermanson, A. A. Scaife, C. MacLachlan, A. Arribas, S. Materia, A. Borrelli and S. Gualdi, **2014**. The representation of atmospheric blocking and the associated low-frequency variability in two seasonal prediction systems. *Journal of Climate*, vol. 27, p.9082 – 9100.
- S. Materia, A. Borrelli, A. Bellucci, A. Alessandri, P. Di Pietro, **P. Athanasiadis**, S. Gualdi and A. Navarra, **2014**. Impact of atmosphere and land surface initial conditions on seasonal forecast of global surface temperature. *Journal of Climate*, vol. 27, p.9253 – 9271.
- C. Spyrou, G. Kallos, C. Mitsakou, **P. Athanasiadis**, C. Kalogeri and M. J. Iacono, **2013**.
Modeling the radiative effects of desert dust on weather and regional climate. *Atmospheric Chemistry and Physics*, vol. 13, p.5489–5504.
- D. Rizou, H. Flocas, **P. Athanasiadis** and A. Bartzokas, **2013**.
Large-scale variability over the Mediterranean associated with the Indian summer monsoon. *Advances in Meteorology, Climatology and Atmospheric Physics*, p.701–708.
- P. Athanasiadis**, J. M. Wallace and J. Wettstein, **2010**.
Patterns of Wintertime Jet Stream Variability and their Relation to the Storm Tracks. *Journal of Atmospheric Sciences*, vol. 67, p.1361 – 1381.
- P. Athanasiadis** and M. Ambaum, **2010**.
Do High-Frequency Eddies Contribute to Low-Frequency Teleconnection Tendencies? *Journal of Atmospheric Sciences*, vol. 67, p.419–433.
- P. Athanasiadis** and M. Ambaum, **2009**.
Linear Contributions of Different Time Scales to Teleconnectivity. *Journal of Climate*, vol. 22, p.3720 – 3728.
- Ambaum, M. and **P. Athanasiadis**, **2007**.
The Response of a Uniform Horizontal Temperature Gradient to Heating. *Journal of Atmospheric Sciences*, vol. 64, p.3708–3716.

References

Prof. John Mike Wallace University of Washington, Department of Atmospheric Sciences
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Prof. Sir Brian Hoskins Grantham Inst. for Climate Change, Imperial College of London.
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Dr. Maarten Ambaum Department of Meteorology, University of Reading.
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