

Christos Giannakopoulos

Senior Researcher at IERSD, National Observatory of Athens

Ph.D. Atmospheric Modeling, University of Cambridge, UK, 1999

M.Sc. Telematics, University of Surrey, UK, 1993

M.Sc. Meteorology, University of Athens, Greece, 1992

B.Sc. Physics, Department of Physics, University of Athens, Greece, 1990

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PROFESSIONAL EXPERIENCE

- ❑ 2009 - present: Senior Researcher IERSD/National Observatory of Athens, Greece
- ❑ 2004 - 2008: Associate Researcher IERSD/National Observatory of Athens, Greece
- ❑ 2000 - 2003: Assistant Researcher IERSD/National Observatory of Athens, Greece
- ❑ 1999 - 2000: Financial Analyst at JPMorgan Investment Bank, London
- ❑ 1995 - 1998: Research Assistant, University of Cambridge, UK
- ❑ 1993 - 1995: Military Service at the Intelligence Section, Hellenic Navy, Greece

AREAS OF EXPERTISE

Atmospheric modeling, regional climate change modelling, climate change impacts and adaptation, atmospheric chemistry modeling

HONORS / FELLOWSHIPS / OTHER RELEVANT EXPERIENCE

- ❑ NATO fellowship for the M.Sc in Telematics in England.
- ❑ State Scholarship Foundation of Greece (IKY) for the PhD study at Cambridge
- ❑ British Council Fellowship award for PhD. study at Cambridge
- ❑ Cambridge Philosophical Society- Award for the advancement of research
- ❑ C.T. Taylor Studenthip of the University of Cambridge
- ❑ State Scholarship Foundation of Greece (IKY) postdoctoral fellowship for climate extremes research analysis.
- ❑ Member of European and American Geophysical Unions

PUBLICATIONS

Co-authored 48 papers published in refereed journals. My h-index is 14 (source Scopus). Five representative papers follow:

- ❑ D. Founda and C. Giannakopoulos, The exceptionally hot summer of 2007 in Athens, Greece. A typical summer in the future climate, *Global and Planetary Change*, 67, 227-236, 2009.
 - ❑ C. Giannakopoulos, P. Le Sager, M. Bindi, M. Moriondo, E. Kostopoulou, C.M. Goodess, Climatic changes and associated impacts in the Mediterranean resulting from a 2 °C global warming, *Global and Planetary Change*, 68, 209-224, 2009.
 - ❑ A. Protonotariou, M. Tombrou, C. Giannakopoulos, E.Kostopoulou, P.LeSager, Study of CO surface pollution in Europe based on observations and nested-grid applications of GEOS-CHEM global chemical transport model, *Tellus B*, 62, 209-227, 2010.
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- Giannakopoulos C., Kostopoulou E., Varotsos KV., Tziotziou K., Plitharas A., An integrated assessment of climate change impacts for Greece in the near future, *Regional Environmental Change*, DOI: 10.1007/s10113-011-0219-8, 2011.
- Lelieveld J, Hadjinicolaou P, Kostopoulou E, Chenoweth J, El Maayar M, Giannakopoulos C, Hannides C, Lange MA, Tanarhte M, Tyrlis E, Xoplaki E., Climate change and impacts in the eastern Mediterranean and the Middle East, *Climatic Change* DOI 10.1007/s10584-012-0418-4, 2012.

STUDENT AND POSTDOC SUPERVISION

Supervision of 2 Post-docs, 2 PhD and 10 MSc students.

RECENT RESEARCH FUNDING

- **CLIM-RUN** aims at developing a protocol for applying new methodologies and improved modelling and downscaling tools for the provision of adequate climate information at regional to local scale that is relevant to and usable by different sectors of society (policymakers, industry, cities, etc.), EU FP7, 2011-2014, 265K€.
- **CLIM-HYDROLAKE** aims to advance the state-of-the-art in climate research by improving projections of climate change induced hydrological responses in the S Balkans, using a novel multi-proxy methodology combining hydro-climate modeling and palaeo-hydrological technique, Marie Curie CIG, 2012-2015, 100K€.
- **CYPADAPT**'s main aim is to strengthen and increase Cyprus adaptive capacity to climate change impacts through the development of a National Adaptation Strategy. EU LIFE+ project, 2011-2014, 200K€.
- **ENSEMBLES** aims to maintain and extend European pre-eminence in the provision of policy relevant information on climate and climate change and its interactions with society. EU FP6 project, 2004-2009, 336K€.
- **CIRCE** aims to evaluate the economic and social consequences of climate change by analyzing direct impacts on migration, tourism and energy markets together with indirect impacts on the economic system. EU FP6 project, 2007-2011, 190K€.

OTHER ACHIEVEMENTS

- Lead author of the Intergovernmental Panel for Climate Change- United Nations (IPCC)'s 4th Assessment Report on Climate change impacts and adaptation: Europe Chapter (published in 2007). IPCC was honored with the Nobel peace prize in 2007.
 - Member of the Climate Change Impacts Study Committee formed by the Bank of Greece to study the impacts of climate change in the Greek economy. Main author of the final report produced by the Bank of Greece on the 'Environmental, economic and social impacts of climate change in Greece' in June 2011.
 - Lead Author in the Regional Assessment of Climate Change in the Mediterranean, A. Navarra, L.Tubiana (eds.), 2013, Springer, Dordrecht, The Netherlands
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