PERSONAL INFORMATION

Christiana Photiadou

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WORK EXPERIENCE

09/2017 - Onwards

Project leader | Climate Scientist at SMHI | Swedish Meteorological and Hydrological Institute, Hydrology research Unit (FoUh)
Scientific coordinator of AQUACLEW (ERA4CS), WP leader for C3S_422_Lot1_SMHI on Global Climate Impact Indicators, Project Leader and WP leader in CLARA (H2020)
- Advancing climate services
- Advancing the quality of tailored seasonal forecasts and climate projection data (regional & global scale) & communicating uncertainties in climate models
- Bias correction methods for seasonal forecasts and regional climate projections for applications in hydrology
- Expert in defining Climate Impact Indicators
- Impact assessment of seasonal forecast

01/2014 - 07/2017

Climate Scientist at KNMI | Royal Netherlands Meteorological Institute, International Climate Services, R&D Observations and Data Technology

- Participation in EU projects: EUPORIAS (PI, WP co-leader), CLIPc, IS-ENES, UERRA, Euro4m.
- Internal/national project leader for climate scenarios. Responsible for communicating with internal and external users (climate impact scientists and policy makers)
- Climate impact indicators: responsible of bridging Expert Team (ET) consortiums on climate indices such as the ET on Climate Change detection and Indices (ETCCDI) and the ET on Sector-specific Climate Indices (ET-SCI).
- Bias correction methods for seasonal forecasts and regional climate projections

09/2009 - 12/2013

Research Assistant (PhD) at Deltares and Institute for Marine and Atmospheric research (Netherlands)

Developing bias correction methods with incorporating circulation patterns for the Rhine River. Investigating relationships and adapting statistical tools for European heat spells and large-scale atmospheric circulations. Teaching assistant at master level course on Atmospheric Dynamics, Land Surface interactions and modeling, statistical analysis with emphasis on extreme value theory.

03/2007 - 08/2009

Research at Hellenic Center for Marine Research, Institute of Oceanography (Greece)

Long-term and extreme value analysis of sea waves and wave climate analysis and modeling, wind and wave energy assessment and development methods for wave and wind data evaluation and calibration.

EDUCATION AND TRAINING

May 2017

Predictability and Ocean-Atmosphere ensemble forecasting at **ECMWF**

June -July 2011

Advance Study Program National Centre for Atmospheric Research (**NCAR**) Boulder, USA

| 09/2009-12/2013 | PhD Utrecht University and Deltares Institute (Netherlands) |

PERSONAL SKILLS

Mother tongue(s) Greek, English

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Dutch	C2	C2	A2	A2	B1
Spanish	B1	B1	A2	A2	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages

Communication skills
▪ Good communication skills, gained through experience in working in multidisciplinary and international research projects, user requirement assessments, by giving numerous presentations, project leader of multi-disciplinary project.

Organisational / managerial skills
▪ Good organisational / managerial skills acquired during climate research projects

Job-related skills
▪ Preparation of international proposal (H2020, C3S) and internal proposal (climate scenarios, ECA&D). Supervising bachelor, master students and phd researchers

Computer skills
R (professional user, parallel computing), Python (advanced user), NCO, CDO, GIT, Unix, Latex. Hydrological models (HBV, SOBEK, Mike 21), Delft-FEWS (Advance User)

Other skills Yoga, swimming, traveling

Driving licence B

ADDITIONAL INFORMATION

Publications
- **Photiadou, C.S.**, B. van den Hurk, A. van Delden and A. Weerts: Incorporating circulation statistics in bias correction of GCM ensembles: Hydrological application for the Rhine basin. *Climate Dynamics*, 2015, doi: 10.1007/s00382-015-2578-1
- **Photiadou, C.S.**, M.R. Jones, D. Keellings and C.F. Dewes: Modeling European hot spells using extreme value analysis. *Climate Research*, 58:193-207, 2014, http://dx.doi.org/10.3354/cr01191
- **Photiadou, C.S.**, A.H. Weerts and B.J.J.M. van den Hurk: Evaluation of two precipitation data sets for the Rhine River using streamflow simulations, *Hydrol. Earth Syst. Sci.*, 15:3355-3366, 2011, doi:10.5194/hess-15-3355-2011

Honours and awards
- Annual (2015) performance award on outstanding researcher at KNMI for the R&D Observations and Data Technology Department
- Early Career Scientist Award (2013) for collaboration with Mary Tye and Greg Holland at Mesoscale and Microscale Meteorology Division, National Centre for Atmospheric Research (NCAR), Boulder, USA
- NCAR/US CLIVAR 2011 Advanced Study Program Summer Colloquium scholarship