

# National Technical University of Athens



**Institute full name:** National Technical University of Athens, School of Chemical Engineering

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**Institute acronym:** NTUA

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**Institute logo:**



**Environmental &  
Energy Management**  
research unit

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**Website:** [www.ntua.gr](http://www.ntua.gr)  
<http://environ.chemeng.ntua.gr/en/>

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**Institute profile:** The National Technical University of Athens (NTUA) was founded in 1836 and is one of the oldest and most prestigious Academic Institutes in Greece, with long experience in education, training and technological research/development. It comprises 9 academic faculties (8 faculties for engineering sciences, including architecture, and 1 faculty for general sciences), and a total of 33 Departments.

The NTUA Coroado Project tasks are implemented by the Environmental and Energy Management Research Unit (EEMRU, <http://environ.chemeng.ntua.gr/en/>), an educational and research unit of the School of Chemical Engineering. The EEMRU has successfully coordinated or participated in a considerable number of projects, at both the National and European level, and has extensive expertise in the areas of (i) Water resources management, with particular emphasis on Water Scarcity Mitigation Options and drought management for arid and semi-arid environments at different local contexts through the application of demand management, water reuse and recycling, institutional and economic instruments, and desalination; (ii) Water systems modeling and development of GIS-based Decision Support Systems and web-based multi-criteria analysis tools; and (iii) Climate change adaptation focusing on water security challenges.

Projects in which the EEMRU has participated include: Fostering European Drought Research and Science-Policy Interfacing (DROUGHT-R&SPI), 7<sup>th</sup> Framework Programme, Theme 6: Environment (including Climate Change), Collaborative Project, 282769, 2011-2014; Meso-level eco-efficiency indicators to assess technologies and their uptake in water use sectors (EcoWater), 7<sup>th</sup> Framework Programme, Theme 6: Environment (including Climate Change), Collaborative Project, 282882, 2011-2014; Water availability and Security in Southern Europe and the Mediterranean (WASSERMed), 7<sup>th</sup> Framework Programme, Theme 6: Environment (including Climate Change), Collaborative Project, 244255, 2010-2012; An Exercise to Assess Research Needs and Policy Choices in Areas of Drought (XEROCHORE), 7<sup>th</sup> Framework Programme, Theme 6: Environment (including Climate Change), Support Action Project, 211837, 2008-2009; Institutional and Economic Instruments for Sustainable Water Management in the Mediterranean Region (INECO) 6<sup>th</sup> Framework Programme, INCO-CT-2006-517673, 2006-09; Sustainable Water management Improves Tomorrow's Cities' Health (SWITCH), 6<sup>th</sup> Framework Programme, Integrated Project, 018530-2, 2006-11; Mitigation of Water Stress through new Approaches to Integrating Management, Technical Economic and Institutional Instruments (Aquastress), 6<sup>th</sup> Framework Programme, Priority 1.1.6.3 "Global Change and Ecosystems", 511231, 2005-08; Strengthening complementarity and exploitation of results related RTD projects dealing with water resources use and management in arid and semi-arid regions (ARID CLUSTER), 5<sup>th</sup> Framework Programme, EVK1-CT-2002-80018, 2003-05.; Developing Strategies for Regulating and Managing Water Resources and Demand in Water Deficient Regions (WaterStrategyMan), 5<sup>th</sup> Framework Programme, Water Key Action, EVK1-CT-2001-00098, 2001-05.

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## Involved personnel

<i>Name</i>	<i>Contact details</i>	<i>Key qualifications</i>	<i>Photo</i>
Prof. Dionysis Assimacopoulos	Tel: ++30 210 772 3218 <a href="mailto:assim@chemeng.ntua.gr">assim@chemeng.ntua.gr</a>	Full Professor at the School of Chemical Engineering of NTUA and Coordinator of the NTUA Environmental and Energy Management Research Unit. His research interests include Integrated Water Resources Management in water stressed areas, drought management and planning, adaptation to climate change, and WFD implementation aspects and processes. In the field of Water Resources Management he has participated, as scientific responsible or coordinator, in numerous EC and National Projects dealing with Integrated Water Resources Management and Climate Change Adaptation, Implementation of the Water Framework Directive and water quality assessment, Desalination and hybrid systems powered by Renewable Energy Sources.	
Dr. Eleni Kampragou	Tel: +30210 772 3303 <a href="mailto:ekamp@chemeng.ntua.gr">ekamp@chemeng.ntua.gr</a>	Research Associate in the EEMRU, she holds a Ph.D. in Water Resources Management and a BSc in Environmental Engineering. Her research interests include Integrated Water Resources Management, Decision Support Systems, Environmental Impact Assessment and drought management.	
Ms. Eleni Manoli	Tel: +30210 772 3799 <a href="mailto:emanoli@chemeng.ntua.gr">emanoli@chemeng.ntua.gr</a>	Research Associate in the EEMRU, she has graduated from the NTUA School of Chemical Engineering in 2001. She has worked on national and European research projects related to water resources management at the National Technical University of Athens since 1999.	
Ms. Pipina Katsiardi	Tel: +30210 772 3799 <a href="mailto:katsiard@chemeng.ntua.gr">katsiard@chemeng.ntua.gr</a>	Research Associate in the EEMRU, she holds an MSc in Aquatic Resource Management from Kings College London (1998), and a BSc in Biology from Imperial College of Science, Technology and Medicine (1997). She has been involved in EEMRU projects related to Water Management in the Mediterranean since 2001.	
Ms. Anna Giannikopoulou	Tel: +30210 772 3799 <a href="mailto:agiannikop@chemeng.ntua.gr">agiannikop@chemeng.ntua.gr</a>	Researcher at the EEMRU, she graduated from the NTUA School of Chemical Engineering in 2010. She is currently enrolled in the MSc course on 'Automation systems, Direction: Manufacturing and Production Systems' of the NTUA School of Mechanical Engineering, and is actively involved in research Projects related to water and energy management.	

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Ms. Patricia-Maria Stathatou    Tel: +30210 772 3799  
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Researcher at the EEMRU, she graduated from the NTUA School of Civil Engineering in 2011. Her research interests focus on water management, environmental accounting and water footprinting. Her dissertation on "Water footprint: a useful tool for optimized agricultural policy setting" was published in the 12<sup>th</sup> International Conference on Environmental Science and Technology (CEST 2011).



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Researcher at the EEMRU, she is a Civil Engineer (Aristotle University of Thessaloniki, 2009). She holds an MSc in Science and Technology of Water Resources/Coastal Zone Management from the NTUA School of Civil Engineering (2011).

