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Dimitris Kofinas is currently a PhD Candidate in Civil Engineering, University of Thessaly, on Advanced Modeling Tools and Information Systems for Water Management, with scientific supervision of Associate Prof. Chrysi S. Laspidou. His scientific interests extend to Mathematical Modeling, Watersystem Simulation Methods, Lake Modeling, Water Reuse and Reclamation and the WEF Nexus.

He was awarded his Civil Engineering Diploma in 2010, from the Aristotle University of Thessaloniki. His thesis is "Laboratory investigation of natural ventilation with use of natural hydraulic models" with scientific supervision of Prof. Panayotis Prinos.

He finished his M.Sc. in System Simulation and Design of Civil Engineering Works in 2013, from University of Thessaly, with grade excellent. His M.Sc. Thesis is "Mathematical Modelling and Simulation of the "New" Lake Karla with the PCLake Software: Hydrology, Water Balance, Quality and Ecology.", with scientific supervision of Associate Prof. Chrysi S. Laspidou.

He has attended and successfully put through in 2014 the online course on *Environmental Flows* of UNESCO- IHE, Delft University, the Netherlands. He attended, in 2014, the 3rd EINS summer school: *From Smart Cities to Engaged Citizens* in Volos and the *Data Mining in R* summer school, ISTQL, Istanbul University, in Istanbul 2015.

He is a member of The Smart Water Networks Forum (SWAN) from 2015.

Dimitris Kofinas is a registered professional civil engineer in Greece and is a member of the Technical Chamber of Greece. He has work experience in the section of water utilities, as he has been working for the water company of Skiathos Island, DEYASK, since 2014.

He has been working as an assistant in research, under the National Centre of Research and Technology, CERTH, for the eu funded FP7 project *ISS-EWATUS* since 2014, and under the University of Thessaly, for Greek Ministry of Education – G.S.R.T., Action ARISTEIA II- funded project, *LAKEREMAKE* (2014-2016). He has also contributed to *HYDROMENTOR* , funded project by General Secretariat for Research and Technology Coordinator -National Action "Cooperation". He joined in the sim4nexus, an eu Horizon 2020 funded project. Lastly he has been working in the Marie Skłodowska-Curie actions-Horizon 2020 Water4Cities project, within which he gained work experience in the urban planning company LUZ in Ljubljana, Slovenia and in the informatics company iquadrat in Barcelona, Spain.

Conferences:

Rizou, Stamatia, et al. "Water4Cities: An ICT Platform Enabling Holistic Surface Water and Groundwater Management for Sustainable Cities." *Multidisciplinary Digital Publishing Institute Proceedings*. Vol. 2. No. 11. 2018.

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Kofinas, D., E. Papageorgiou, C.S. Laspidou, N. Mellios and K.N. Kokkinos (2016). "Daily multivariate forecasting of water demand in a touristic island with the use of artificial neural network and adaptive neuro-fuzzy inference system", 2016 International Workshop on Cyber-physical Systems for Smart Water Networks (CySWater), Vienna, Austria, 11th April, 2016

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Mellios, N., D. Kofinas and C.S. Laspidou (2014). "Mathematical modeling of trophic state of Lake Karla using the PCLake model", PRE XII Skiathos - 12th International Conference on Protection & Restoration of the Environment, Skiathos, Greece, 29 June-3 July, 2014.

Scientific Journals :

Laspidou, C. S., Mellios, N., & Kofinas, D. (2019). Towards Ranking the Water–Energy–Food–Land Use–Climate Nexus Interlinkages for Building a Nexus Conceptual Model with a Heuristic Algorithm. *Water*, *11*(2), 306.

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