

Dr. Nikolaos Malamos is Assistant Professor in *Irrigation and Drainage, Modelling of Soil-Plant-Atmosphere interactions*, at the Department of Agriculture, of the University of Patras.

He completed his undergraduate studies at the Department of Natural Resources Management & Agricultural Engineering of the Agricultural University of Athens in December 1996.

He obtained a master's degree (M.Sc.) from the Interdisciplinary - Interdepartmental Program of Postgraduate Studies "Water Resources Science and Technology", National Technical University of Athens (Stream A: Hydrology and Environmental Water Resources Management) and completed his Doctoral Thesis (Ph.D.) at the Department of Department of Natural Resources Management & Agricultural Engineering, Agricultural University of Athens. (Subject of thesis: *Simulation of the Land - Plant - Atmosphere system in the case of local infiltration from linear and point trickle source.*)

He received a scholarship from the State Scholarships Foundation, for the attainment of doctoral thesis in the field of *Agricultural Hydraulics - Irrigation*, during the academic years 1998-1999, 1999-2000. Also he received a scholarship from the Interdisciplinary - Interdepartmental Program of Postgraduate Studies "Water Resources Science and Technology".

He worked in the private and public sector as irrigation expert. He participated in several research projects on the field of irrigation, hydroinformatics and geographic information systems.

His main research interests are focused in irrigation, mathematical modeling and analysis of water resource systems (with emphasis on agricultural uses), soil water movement, and soil - water - plant - atmosphere relationships, water resources management, hydrology, hydroinformatics, geographical information systems and spatial analysis.

He authored over fifty publications in international scientific journals, conferences and workshops.

He has participated in more than 12 RnD projects (e.g. ETCP 2007-2013 GR-IT IRMA, ETCP 2014-2020 GR-IT IR2MA, etc.).

He is member of the Editorial Board (Associate Editor) of the Hydrological Sciences Journal

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Selected publications:

Malamos, N. & Koutsoyiannis, D. (2018) Field survey and modelling of irrigation water quality indices in a Mediterranean island catchment: a comparison between spatial interpolation methods. *Hydrol. Sci. J.* 1–21.
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- Malamos, N.**, Tsirogiannis, I.L., and Christofides, A., 2016. Modelling irrigation management services: the IRMA_SYS case. *International Journal of Sustainable Agricultural Management and Informatics*, 2 (1), 1–18.
- Malamos, N.** and Koutsoyiannis, D., 2016. Bilinear surface smoothing for spatial interpolation with optional incorporation of an explanatory variable. Part 1: Theory. *Hydrological Sciences Journal*, 61 (3), 519–526.
- Malamos, N.** and Koutsoyiannis, D., 2016. Bilinear surface smoothing for spatial interpolation with optional incorporation of an explanatory variable. Part 2: Application to synthesized and rainfall data. *Hydrological Sciences Journal*, 61 (3), 527–540.
- Tegos, A., **Malamos, N.**, and Koutsoyiannis, D., 2015. A parsimonious regional parametric evapotranspiration model based on a simplification of the Penman–Monteith formula. *Journal of Hydrology*, 524, 708–717.
- Elmaloglou, S. and **Malamos, N.**, 2007. Estimation of Width and Depth of the Wetted Soil Volume Under a Surface Emitter, Considering Root Water-Uptake and Evaporation. *Water Resources Management*, 21 (8), 1325–1340.