

Konstantinos Moutsopoulos is a Professor at the Department of Environmental Engineering, at the Democritus University of Thrace, Greece.

He speaks English, German, French and Greek (modern)

He studied Civil Engineering (dipl. ing.) at the University of Karlsruhe Germany.

He made a DEA (Diplôme d'études approfondies) and a PhD in Fluid Mechanics at the Institut National Polytechnique de Toulouse (France).

He worked as Consultant Engineer in Thessaloniki. from 1994 to 2002. He designed, hydraulic structures, sewerage networks, water supply systems, and wastewater treatment plants.

He teaches the following courses:

- Fluid Mechanics,
- Engineering Hydrology,
- Applied and Groundwater Hydraulics,
- Design of Water Supply and Sewerage Networks
- Computational Fluid Mechanics

Selected Publications

Moutsopoulos, K. N. (2021). A simple model for the simulation of the flow behavior in unconfined double porosity aquifers. *Journal of Hydrology*, 596, 126076, doi.org/10.1016/j.jhydrol.2021.126076

Moutsopoulos, K. N., & Petalas, C. P. (2018). Water supply of Greek cities: the WFD and the principles of integrated water resources management. *European Planning Studies*, 26(4), 687-705. doi.org/10.1080/09654313.2017.1421909

Mathias, S. A., & Moutsopoulos, K. N. (2016). Approximate solutions for Forchheimer flow during water injection and water production in an unconfined aquifer. *Journal of Hydrology*, 538, 13-21, doi.org/10.1016/j.jhydrol.2016.03.048

Tzelepis, V., Moutsopoulos, K. N., Papaspyros, J. N., & Tsihrintzis, V. A. (2015). Experimental investigation of flow behavior in smooth and rough artificial fractures. *Journal of Hydrology*, 521, 108-118. doi.org/10.1016/j.jhydrol.2014.11.054

Moutsopoulos, K. N. (2013). Solutions of the Boussinesq equation subject to a nonlinear Robin boundary condition. *Water Resources Research*, 49(1), 7-18. doi.org/10.1029/2012WR012221

Moutsopoulos, K. N. (2010). The analytical solution of the Boussinesq equation for flow induced by a step change of the water table elevation revisited. *Transport in Porous Media*, 85(3), 919-940. doi.org/10.1007/s11242-010-9599-3

Moutsopoulos, K. N., Papaspyros, I. N., & Tsihrintzis, V. A. (2009). Experimental investigation of inertial flow processes in porous media. *Journal of Hydrology*, 374(3-4), 242-254. doi.org/10.1016/j.jhydrol.2009.06.015

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Moutsopoulos, K. N., & Tsihrintzis, V. A. (2005). Approximate analytical solutions of the Forchheimer equation. *Journal of Hydrology*, 309(1-4), 93-103.21(4), 534-554. doi.org/10.1002/hyp.6264. doi.org/10.1016/j.jhydrol.2004.11.014

Moutsopoulos, K. N., Konstantinidis, A. A., Meladiotis, I. D., Tzimopoulos, C. D., & Aifantis, E. C. (2001). Hydraulic behavior and contaminant transport in multiple porosity media. *Transport in Porous Media*, 42(3), 265-292. doi.org/10.1023/A:1006745924508

Moutsopoulos, K. N., & Koch, D. L. (1999). Hydrodynamic and boundary-layer dispersion in bidisperse porous media. *Journal of Fluid Mechanics*, 385, 359-379.

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