PERSONAL INFORMATION:

Full Name: Mohammad Abdolhosseini

Nationality: Iranian

Academic Level: Assistant Professor

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EDUCATION:

Doctor of Philosophy (Ph.D.)
Water Engineering [23 Sep 2006 – 21 Dec 2012]
Water Engineering Department, College of Agriculture, Isfahan University of Technology, Isfahan (Iran)

Master of Science (M.Sc.)
Irrigation and Drainage Engineering [23 Sep 2003 – 22 Dec 2005]
Water Engineering Department, College of Agriculture, Isfahan University of Technology, Isfahan (Iran)

Bachelor of Science (B.Sc.)
Irrigation Engineering [23 Sep 1998 – 22 Dec 2002]
Water Engineering Department, College of Agriculture, Isfahan University of Technology, Isfahan (Iran)

RESEARCH INTEREST:

Stochastic hydrology, Multivariate analysis of hydrological events, Risk and uncertainty, Climate change, Water Productivity, Innovative irrigation technologies.

PUBLICATION:

Examining the impact of rangeland condition on water conservation by using an integrated modelling approach, 2020,
https://onlinelibrary.wiley.com/doi/abs/10.1002/ldr.3830

Evaluation of Clark IUH in rainfall-runoff modelling (case study: Amameh Basin), 2019, https://doi.org/10.1504/IJHST.2019.098131

Is water trading policy an effective solution for water allocation in Voshmgir dam?, 2017, https://doi.org/10.2166/wp.2017.121

Assessment of minimum variance unbiased estimator and beta coefficient methods to improve the accuracy of sediment rating curve estimation, 2017,
https://doi.org/10.1504/IJHST.2017.087925

Prediction and Comparison of Water Pollution Generated by Industry Sector in Iran, 2017, https://doi.org/10.1504/IJHST.2017.087925

Multiway analysis applied to time-resolved chemiluminescence for simultaneous determination of paracetamol and codeine in pharmaceuticals, 2016, https://doi.org/10.1002/bio.3100

Evaluation of quasi-maximum likelihood and smearing estimator to improve sediment rating curve estimation, 2016, https://doi.org/10.1504/IJHST.2016.079352

Testing copula regression against benchmark models for point and interval estimation of tree wood volume in beech stands, 2012, https://doi.org/10.1007/s10342-012-0600-2

Effect of climate change on potential evapotranspiration: a case study on Gharehsoo sub-basin, Iran, 2012, https://doi.org/10.1504/IJHST.2012.052373

Hydraulic geometry relations for stable channel design, 2010, https://doi.org/10.1061/(ASCE)HE.1943-5584.0000260

Effect of nonuniformity of flow on hydraulic geometry relations, 2009, https://doi.org/10.1061/(ASCE)HE.1943-5584.0000095

ACADEMIC TEACHING EXPERIENCE:

Engineering Hydrology, Stochastic Hydrology, Mathematical Methods in Hydrology, Risk and Uncertainty in Water Resources, Engineering Statistics, Engineering Surveying, Fluid Mechanics, Hydraulics, River Engineering, Water Productivity in Agriculture, Hydraulics of Surface Irrigation, Design of Irrigation Systems, Engineering Mathematics.

SERVICE AND PROFESSIONAL MEMBERSHIP:

The director of the university educational affairs

Executive Secretary of the 20th National Hydraulic Conference of Iran

AWARDS:

Scholarship of the Ministry of Science, Research and Technology during the Ph.D.

LANGUAGES:

Persian: Native

English:

LISTENING C1   READING C2   WRITING

C1 SPOKEN PRODUCTION B2   SPOKEN

INTERACTION B2