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(a) Journal papers

(a1) Peer reviewed journal papers (ISI and SCOPUS)


October 2014

Bhattacharya, B., Shams, M.S., **Popescu, I.** (2013), On the influence of bed forms on flood levels, *J. of Environmental Engineering and Management*, 12(5), 857-863


(a2) Peer reviewed journal papers (Not listed in ISI or SCOPUS)


**Popescu, I.**, (2005), Applications of hydroinformatics for hydraulic engineers, *Scientific Bulletin of the “Politehnica” University from Timisoara, Romania, Transactions on Hydrotechnics*, 49(63), fascicola 1; 208-221


**Popescu, I.**, Constantin, A., (2001), Data base for hydrological systems in Romania, *Scientific Bulletin of the “Politehnica” University from Timisoara, Romania, Transactions on Hydrotechnics*, 46(60), 11-18

Georgescu, I., **Popescu, I.**, (2000), Solutions for repair the damages of the old buildings with a resistance structure made by carrying masonry and wooden board, *Scientific Bulletin of the “Politehnica” University from Timisoara, Romania, Transactions on Hydrotechnics*, 46(60), 264-277

Margin G., **Popescu, I.** Popa, Gh., (2000), *Principii generale si particulare privind optimizarea sistemelor de alimentare cu apa*, *Scientific Bulletin of the “Politehnica” University from Timisoara, Romania, Transactions on Hydrotechnics*, 43(57), 316-323

**Popescu, I.**, David, I.,(2000), Aplication of boundary element method to the analysys of the hydrodynamic pressures on dams, *Scientific Bulletin of the “Politehnica” University from Timisoara, Romania, Transactions on Hydrotechnics*, 43(57), 706-714


(a3) Other contributions (Invitation for publication, not peer reviewed)

M. Mossa, I. Popescu, R. Hinkelmann (2010), Educational and professional Development – part II-
Journal of Hydraulic Research, Hydrolink supplement, 3, 42-46

S. Soares Frazao, I. Popescu, (2012), Supporting young professionals - Journal of Hydraulic
Research, Hydrolink, supplement, 3, 103-104

(b) Peer-reviewed conference papers (full papers)

Pan, Q., Castro Gama, M, Popescu, I. (2014), An open visualisation tool (openVT) for mesh based
water models, Proceedings of the 11th International Conference on Hydroinformatics, 17-22
August, 2014, HIC 2014, New York, USA

Musa, Z., Popescu, I., Mynett, A. (2014), Modelling the effects Sea Level Rise on flooding in the

Musa, Z., Popescu, I., Mynett, A. (2014), Uncertainty in hydrodynamic modelling of flooding in the
lower Niger river with downstream sea level rise, Proceedings of SimHydro 2014:Modelling
of rapid transitory flows, 11-13 June 2014, Sophia Antipolis, France

Musa, Z., Popescu, I., Mynett, A. (2014), How vulnerable is the Lower Niger Delta to inundation
from Sea Level Rise, Proceedings of the geospatial World Forum, 05-09 May, 2014, Geneva,
Switzerland

Fantozzi, M., Popescu,I., Farnham, T., Archetti, F, Mogre, P., Tsouchnika,E., Chiesa,C., Tsertou,
A.,Castro Gama, M., Bimpas, M. (2013), ICT for efficient water resources management: the
ICEWater energy management and control approach , Proceedings of 12th International
Conference on Computing and Control for the Water Industry, CCWI2013, 1-4 September,
Perugia, Italy

Castro Gama, M., Popescu, I., Li, S., Mynett, A., (2013), Use of unstructured grids for flood modeling
of the Yellow river downstream river reach, Proceedings of the 35th International IAHR
Congress, Chengdu, China

Castro Gama, M., Popescu, I., Jonoski, A., (2013), Towards increased water and energy efficiencies
in water distribution systems: challenges of the ICEWater project, Proceedings of the AIRO
Winter 2013: Operational Research for Development, Sustainability and Local Economies, 27-
30 January 2013, Champoluc, Italy

Castro Gama, M., Popescu, I., Li, S., Mynett, A., (2013), Flood management through reservoir
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2013, Champoluc, Italy

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International Yellow River forum, 24-28 September, 2012, Zhengzhou, China

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Reservoir-based Flood Control and Water Resources Management, Proceedings of the 5th
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Popescu, I., Jonoski, A., (2011), Experiences in conducting on-line courses in Hydroinformatics, Proceedings of the 34th International IAHR Congress, Brisbane, Australia


Jonoski, A., Popescu, I., Keuls, C,(2009), Experiences in competence based learning for two on-line courses, TENCompetence E-learning Seminar, Manchester, UK,

Popescu, I., Jonoski, A, Keuls, C (2009), Competence based learning at UNESCO-IHE, Proceedings of the 31st IAHR Congress, August, Vancouver, Canada


Jonoski, A., Popescu, I., Almoradie, A., Mens, M., (2009), Web-based flood management knowledge dissemination using google maps and google earth platforms, Proceedings of 8th Hydroinformatics International Conference, Conception, Chile.


(c) Other contributions: Conference presentations based on extended abstracts


Van D.P.T., Trung, N.H., Solomatine, D., **Popescu, I.** (2013), *Water to change: A vision from the physical to to socio-economical aspects in the Vietnamese Mekong Delta*, Mekong Environmental Symposium, 5-7 March, 2013, Ho Chi Minh City, Vietnam


**Popescu, I.**, van der Berg, C.C. (2003), *Knowledge mapping of DC tunneling projects*; ITA World Tunneling congress, 12-17 April, Amsterdam, 2003
(d) Books and Book chapters

(d1) Chapters in books

Balica, F, Quan, D, Popescu I, (2014), Vulnerability and Exposure in Developed and Developing Countries: Large-Scale Assessments, in “Hydro-meteorological hazards risks, and disasters” (Schroder et al, editors), Elsevier, pp. 42


(d2) Books and monographs


