

## Posters

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I. Yabi, E. Oyédélé, B. Adeoti, E. Ogouwale, Benin

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N. Loodin, A. Petrov, Afghanistan

### **The remobilisation of redox-sensitive phosphorus in soil complexes**

G.J. Smith, R. W. McDowell, O. Fenton, L. Condron, Ireland

### **Low flow forecast. The Abangares River Basin case, Guanacaste, Costa Rica**

R. Oreamuno, R. Villalobos, Costa Rica

### **Sustainable fresh water and power production by a unique permeate gap membrane distillation system**

F. Mahmoudi, A. Date, A. Akbarzadeh, Australia

### **The governance conditions for adaptive fresh water management in the Vietnamese Mekong Delta**

C. Dieperink, The Netherlands

### **Iterative stakeholder engagement to support decision making under uncertainty in future water availability for hydropower, irrigation and environment in Malawi**

L. Bulcock, S. Dessai, G. Jewitt, D. Conway, United Kingdom

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S. Baba Hamed, Algeria

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M. Dikman Maheng, W/ Aulia Prayudi, A. Pathirana, C. Zevenbergen, The Netherlands

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G. Gevorgyan, Armenia

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I. Douterelo, C. Calero, S. Husband, United Kingdom

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T. Raza, A. Valentine L. Andres, V.G. Vinarao, F.C. Rentoy, T. Khas, S. Raza, Philippines

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M. Vafakhah, A. Mansour Mohammadi, M. Reza Javadi, Iran

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I. van Klink, A. Richard-Ferroudji, G. Venkatasubramanian, India

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H. Moradi, H. Rahimiani, I. Khalil Jalili, Iran

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E.C. Makwara, Zimbabwe

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A. Atikana, N. de Voogd, P. Lisdiyanti, H. Smidt, D. Sipkema, The Netherlands

**Impacts of seawater water quality on potable water production, marine species and human health**

K. Loganathan, H.A. Al Sulaiti, M. Victoria, C. Navarro, S.J. Bukhari, G. Ponnusamy, J. Saththasivam, Qatar

**SIMONI: Smart integrated monitoring of the water quality**

R. van der Oost, G. Sileno, L. Moria, M.T. Nguyen, M. Suarez Lopez, The Netherlands

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N. Koeman, D. Harmsen, J. van Ruijven, L. van Dijk, E. Cornelissen, The Netherlands

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K. Obeng Nti, I. Braimah, Ghana

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C.Y. de Jong, G.P. 't Lam, J. Stockmann, A.B. Veldhoen, A.A.M. Langenhoff, The Netherlands

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M.F.W. Slegers, F.A. Maalcke-Luesken, M.S.M. Jetten, The Netherlands

**The impact of climate change on water resources in the North-eastern part of Nigeria**

M. Rose Rindap, Nigeria

**Multi-level governance in river basins: generating knowledge and policies for future states of ecosystems**

M. Siegmund-Schultze, G. Orderud, Y. Kasahara, M. do Carmo Sobral, Germany

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V. Duraisamy, A. Yadav, R. Thomas, M. D'Souza, India

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V. Thi Minh Hoang, G. van Halsema, A. Wyatt, D. Kieu Nhan, P. Hellegers, The Netherlands

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N. Ciobanu, N.A. Elagib, B.M. Ahmed, Germany

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X. Chen, M. Stokal, C. Kroeze, X. Shi, China

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J. Kabir, M. Alauddin, S. Crimp, Bangladesh

**Metagenome-based elucidating of antimicrobial profiles of marine sponge associated microbes**

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**Groundwater scarcity and degradation in a semi-arid region, Northeast Tunisia: Managed Aquifer Recharge as an integrative management strategy**

J.H. Abidi, Tunisia

**Evaluation of full scale constructed wetlands in removing antibiotics and antibiotic resistance genes**

N. 'Azyyati Sabri, H. Schmitt, B. van der Zaan, H.W. Gerritsen, T. Zuidema, H. Rijnaarts, A. Langenhoff, The Netherlands

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**Potential for the use of 100% renewable energy powered desalination for crop irrigation in the decades to come**

U. Caldera, C. Breyer, Finland ( Finland )

**A System Dynamics Model for the Water-Energy-Food-Land Use-Climate Nexus: the Greek Case Study**

C. Laspidou, N.K. Mellios, A.E. Spyropoulou, D.T. Kofinas, M.P. Papadopoulou, C. Papadopoulou, Greece

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D.M. Narain-Ford, R.P. Bartholomeus, S.C. Dekker and A.P. van Wezel, The Netherlands

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M. Sciban, Serbia

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P. Cornelissen, R.S. van Dam, A. Leijnse, S.E.A.T.M. van der Zee, The Netherlands

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O.A. Daniel, N. Hofstra, The Netherlands

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M. Antunes, R. Martins, Portugal

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**Predicting future failure rates of pipe networks**

J. van Vossen, K. van Laarhoven, R. Diemel, The Netherlands

**Future nutrient pollution in water reservoirs in the Hai He basin: Guan Ting reservoir and Bai Yangdian lake**

J. Yang, M. Strokal, C. Kroezen, L. Ma, M. Wang, Zhaohai Bai, China

**Computational optimisation of PV-Electrodialysis (ED) of saline water for various climates Master Thesis Work at Hohenheim University - Agricultural Engineering in the Tropics and Subtropics (440e)**

A. Catalina Fajardo, Germany

**WHY BIOLOGICAL FILTRATION SYSTEMS ARE THE BEST SOLUTIONS FOR WASTEWATER TREATMENT UNDER MOST CONDITIONS**

R. Chhabra, India

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P. Saha, A.G. Noronha, H. Rijnaarts, H. Bruning, The Netherlands

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J. Hammami Abidi, Tunisia

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V. Ariyanti, J. Edelenbos, P. Scholten, The Netherlands

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D. Pankajkumar, D. Sampat, India

**Alternative practice for agricultural water management in Bolivian plateau: Deficit irrigation and natural fertilization effect over lettuce crop**

V. Azeñas, R. Guachalla, T. Serrano, M. Balderama, J. Gulias, Bolivia

**Save the town and drown the landscape - adaptive urban water management**

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Eira Carballo Cárdenas, The Netherlands

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E. Minkman, G. Ellen, A. van Buuren, The Netherlands

**Point sources of nutrients inputs to rivers and its relative share to total pollution: a modelling approach**

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S. Hamzeh, S.K. Afsharipour, S.K. Alavipanah, I.M. Damaneh, Iran

**Allowable nutrient pollution levels for the Yangtze basin**

A. Li, Q. Yuan, M. Stokal, C. Kroeze, Y. Liu, China

**Water use efficiency measurement in industrial zone in Vietnam using DEA model**

L. M. Truong, K. Kujawa-Roeleveld, T. T. M. Dieu, H. Rijnaarts, The Netherlands

**Improving hydrological modelling Rhine River in support of policy making, climate adaptation and operational water management**

A.H. Weerts, B. van Osnabrugge, R. Imhoff, W. van Verseveld, The Netherlands

**Future central-western European summers potentially drier than expected**

E. van der Linden, R. Haarsma, G. van der Schrier, The Netherlands