**Volume 376, 2018**

Water security and the food–water–energy nexus: drivers, responses and feedbacks at local to global scales  
IAHS Scientific Assembly 2017, Port Elizabeth, South Africa, 10–14 July 2017  
Editor(s): G. Jewitt and B. Croke

01 Feb 2018  
**Editorial: Special Issue on Water security and the food-water-energy nexus: drivers, responses and feedbacks at local to global scales**  
Barry Croke and Graham Jewitt  

01 Feb 2018  
**Modelling the water energy nexus: should variability in water supply impact on decision making for future energy supply options?**  
James D. S. Cullis, Nicholas J. Walker, Fadiel Ahjum, and Diego Juan Rodriguez  
Proc. IAHS, 376, 3-8, https://doi.org/10.5194/piahs-376-3-2018, 2018

01 Feb 2018  
**The water–food–energy nexus in Pakistan: a biophysical and socio-economic challenge**  
Nicola Grigg, Tira Foran, Toni Darbas, Mac Kirby, Matthew J. Colloff, Mobin-ud-Din Ahmad, and Geoff Podger  

01 Feb 2018  
**Supporting better decisions across the nexus of water, energy and food through earth observation data: case of the Zambezi basin**  
Fortune Faith Gomo, Christopher Macleod, John Rowan, Jagadeesh Yeluripati, and Kairsty Topp  

01 Feb 2018  
**Water impacts and water-climate goal conflicts of local energy choices – notes from a Swedish perspective**  
Rebecka Ericsdotter Engström, Mark Howells, and Georgia Destouni  

01 Feb 2018  
**Water, energy and agricultural landuse trends at Shiroro hydropower station and environs**  
Olubunmi Adegun, Olalekan Ajayi, Gbolahan Badru, and Shakirudeen Odunuga  

01 Feb 2018  
**An integrated approach to improving rural livelihoods: examples from India and Bangladesh**  
Barry Croke, Wendy Merritt, Peter Cornish, Geoffrey J. Syme, and Christian H. Roth  

01 Feb 2018  
**Forecasting domestic water demand in the Haihe river basin under changing environment**  
Xiao-Jun Wang, Jian-Yun Zhang, Shamsuddin Shahid, Yu-Xuan Xie, and Xu Zhang  

01 Feb 2018  
**A half-baked solution: drivers of water crises in Mexico**  
Jonatan Godinez Madrígal, Pieter van der Zaag, and Nora van Cauwenbergh  
Conceptual framework to ensure water security in Ukraine
Yaroslav Gadzalo, Mykhailo Romashchenko, and Mykhailo Yatsiuk

Performance assessment of the Gash Delta Spate Irrigation System, Sudan

Modelling the impact of mulching the soil with plant remains on water regime formation, crop yield and energy costs in agricultural ecosystems
Yeugeniy M. Gusev, Larisa Y. Dzhogan, and Olga N. Nasonova

Socio-Hydrological Approach to the Evaluation of Global Fertilizer Substitution by Sustainable Struvite Precipitants from Wastewater
Dirk-Jan Daniel Kok, Saket Pande, Angela Renata Cordeiro Ortigara, Hubert Savenije, and Stefan Uhlenbrook

Land susceptibility to soil erosion in Orashi Catchment, Nnewi South, Anambra State, Nigeria
Shakirudeen Odunuga, Abiodun Ajijola, Nkechi Igwetu, and Olubunmi Adegun
Proc. IAHS, 376, 87-95, https://doi.org/10.5194/piahs-376-87-2018, 2018

Potential impact of climate change to the future streamflow of Yellow River Basin based on CMIP5 data
Xiaoli Yang, Weifei Zheng, Liliang Ren, Mengru Zhang, Yuqian Wang, Yi Liu, Fei Yuan, and Shanhu Jiang