

Volume 377, 2018

Water quality and sediment transport issues in surface water IAHS Scientific Assembly 2017, Port Elizabeth, South Africa, 10–14 July 2017 Editor(s): G. Mahe, K. Heal, A. B. Gupta, and H. Aksoy

16 Apr 2018

[Preface: Water quality and sediment transport issues in surface water](#)

Gil Mahe, Kate Heal, Akhilendra B. Gupta, and Hafzullah Aksoy

Proc. IAHS, 377, 1-1, <https://doi.org/10.5194/piahs-377-1-2018>, 2018

16 Apr 2018

[A multi-approach and multi-scale study on water quantity and quality changes in the Tapajós River basin, Amazon](#)

Rodolfo Luiz Bezerra Nóbrega, Gabriele Lamparter, Harold Hughes, Alphonse Chenjerayi Guzha, Ricardo Santos Silva Amorim, and Gerhard Gerold

Proc. IAHS, 377, 3-7, <https://doi.org/10.5194/piahs-377-3-2018>, 2018

16 Apr 2018

[Changes in soil erosion and sediment transport based on the RUSLE model in Zhifanggou watershed, China](#)

Lei Wang, Ju Qian, Wen-Yan Qi, Sheng-Shuang Li, and Jian-Long Chen

Proc. IAHS, 377, 9-18, <https://doi.org/10.5194/piahs-377-9-2018>, 2018

16 Apr 2018

[Regionalising MUSLE factors for application to a data-scarce catchment](#)

David Gwapedza, Andrew Slaughter, Denis Hughes, and Sukhmani Mantel

Proc. IAHS, 377, 19-24, <https://doi.org/10.5194/piahs-377-19-2018>, 2018

16 Apr 2018

[Water quality modelling of an impacted semi-arid catchment using flow data from the WEAP model](#)

Andrew R. Slaughter and Sukhmani K. Mantel

Proc. IAHS, 377, 25-33, <https://doi.org/10.5194/piahs-377-25-2018>, 2018

16 Apr 2018

[Estimation of sediment deposits in the Ghézala reservoir in northern Tunisia](#)

Majid Mathlouthi and Fethi Lebdi

Proc. IAHS, 377, 35-40, <https://doi.org/10.5194/piahs-377-35-2018>, 2018

16 Apr 2018

[Morphodynamic change analysis of bedforms in the Lower Orinoco River, Venezuela](#)

Santiago Paul Yepez, Alain Laraque, Carlo Gualtieri, Frédéric Christophoul, Claudio Marchan, Bartolo Castellanos, Jose Manuel Azocar, Jose Luis Lopez, and Juan Alfonso

Proc. IAHS, 377, 41-50, <https://doi.org/10.5194/piahs-377-41-2018>, 2018

16 Apr 2018

[Morphodynamic simulation of sediment deposition patterns on a recently stripped bedrock anastomosed channel](#)

David Milan, George Heritage, Neil Entwistle, and Stephen Tooth

Proc. IAHS, 377, 51-56, <https://doi.org/10.5194/piahs-377-51-2018>, 2018

16 Apr 2018

[Sedimentation and Its Impacts/Effects on River System and Reservoir Water Quality: case Study of Mazowe Catchment, Zimbabwe](#)

Colleta Tundu, Michael James Tumbare, and Jean-Marie Kileshye Onema

Proc. IAHS, 377, 57-66, <https://doi.org/10.5194/piahs-377-57-2018>, 2018

16 Apr 2018

[Etude de l'impact des barrages sur la réduction des transports sédimentaires jusqu'à la mer par approche paléohydrologique dans la basse vallée de la Medjerda](#)

Fatma Kotti, Laurent Dezileau, Gil Mahé, Hamadi Habaieb, Malik Bentkaya, Claudine Dieulin, and Oula Amrouni

Proc. IAHS, 377, 67-76, <https://doi.org/10.5194/piahs-377-67-2018>, 2018

16 Apr 2018

[The sedimentological changes caused by human impact at the artificial channel of Medjerda-River \(Coastal zone of Medjerda, Tunisia\)](#)

Thouraya Benmoussa, Oula Amrouni, Laurent Dezileau, Gil Mahé, and Saâdi Abdeljaouad

Proc. IAHS, 377, 77-81, <https://doi.org/10.5194/piahs-377-77-2018>, 2018

16 Apr 2018

[Satellite images survey for the identification of the coastal sedimentary system changes and associated vulnerability along the western bay of the Gulf of Tunis \(northern Africa\)](#)

Abderraouf Hzami, Oula Amrouni, Gheorghe Romanescu, Cristian Constantin Stoleriu, Alin Mihu-Pintilie, and Abdeljaouad Saâdi

Proc. IAHS, 377, 83-89, <https://doi.org/10.5194/piahs-377-83-2018>, 2018

16 Apr 2018

[Sedimentary evolution and ecosystem change in Ahémé lake, south-west Benin](#)

Ernest Amoussou, Henri S. Totin Vodounon, Expédit W. Vissin, Gil Mahé, and Marc Lucien Oyédé

Proc. IAHS, 377, 91-96, <https://doi.org/10.5194/piahs-377-91-2018>, 2018