



Efficiency of Bank Filtration and Post-Treatment

Guest Editors:

Prof. Dr. Thomas Grischek

Division of Water Sciences,
University of Applied Sciences
Dresden, D-01069 Dresden,
Germany

grischek@htw-dresden.de

Prof. Dr. Chittaranjan Ray

Nebraska Water Center University
of Nebraska-Lincoln

cray@nebraska.edu

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Message from the Guest Editors

Dear Colleagues,

Bank filtration (BF) schemes for the production of drinking water are increasingly challenged by new constituents of concern, such as organic micropollutants and pathogens in the source water and hydrological flow variations due to weather extremes. BF and new technology components are integrated and monitoring and operating regimes are adopted to further optimise water treatment in BF schemes for these new requirements. The special issue will present first results from the EU-project AquaNES “Demonstrating synergies in combined natural and engineered processes for water treatment systems”. Papers are invited covering the efficiency of BF and post-treatment, advantages and limitations of combining natural and engineered processes or parameter-specific assessment of removal rates during BF and further treatment. Additionally, contributions from Asia and Africa are invited dealing with feasibility, design or operation of BF schemes under specific site conditions. Papers dealing with energy efficiency and cost evaluation of BF are also welcome.

Prof. Dr. Thomas Grischek

Prof. Dr. Chittaranjan Ray

Guest Editors





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Prof. Dr. Arjen Y. Hoekstra

Twente Water Centre, University
of Twente, Enschede, The
Netherlands

Message from the Editor-in-Chief

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Contact Us

Water
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
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