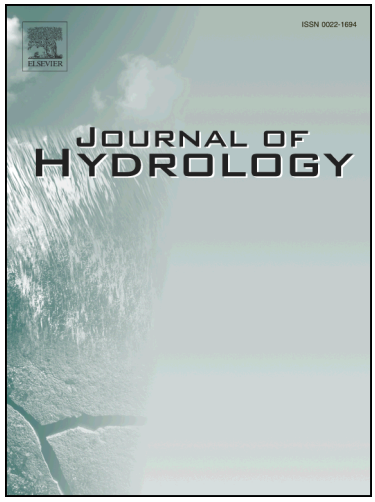


Research papers

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PII: S0022-1694(17)30648-0
DOI: https://doi.org/10.1016/j.jhydrol.2017.09.044
Reference: HYDROL 22264

To appear in: *Journal of Hydrology*

Please cite this article as: Hellauer, K., Karakurt, S., Sperlich, A., Burke, V., Massmann, G., Hübner, U., Drewes, J.E., Establishing Sequential Managed Aquifer Recharge Technology (SMART) for Enhanced Removal of Trace Organic Chemicals: Experiences from Field Studies in Berlin, Germany, *Journal of Hydrology* (2017), doi: https://doi.org/10.1016/j.jhydrol.2017.09.044

# Establishing Sequential Managed Aquifer Recharge Technology (SMART) for Enhanced Removal of Trace Organic Chemicals: Experiences from Field Studies in Berlin, Germany

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**Abstract**

Despite the efficient removal of many contaminants including pathogens and trace organic chemicals (TOrCs) during managed aquifer recharge (MAR), fate and transport of TOrCs in the subsurface might not always occur under conditions that favor effective biotransformation resulting in a contamination risk where water is recovered for drinking water production. A promising technology that can lead to improved removal of TOrCs is the