

10th Water Research Horizon Conference 2019

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Open Space Workshop g) Wednesday, 19 June 2019, 1.30 – 3.30 pm

Addressing the water quality dimension of compromised water security

Organisers: Ilona Bärlund, Dietrich Borchardt (Helmholtz Centre for Environmental Research - UFZ), Ralf Klingbeil (Federal Institute for Geosciences and Natural Resources - BGR), Martina Flörke (Ruhr-University Bochum), Hartwig Kremer, Kilian Christ (UN Environment), Michael Berg, Joel Podgorski, Anja Bretzler (eawag), Harald Köthe (ICWRGC) and Sabrina Kirschke (UNU-Flores)

Moderator: Ilona Bärlund (Helmholtz Centre for Environmental Research - UFZ)

Abstract: Poor water quality worldwide obstructs the human rights of safe access to drinking water and sanitation, compromises food security and poses a risk to biodiversity. The Member States of the United Nations are currently working towards achieving the 169 targets of the Sustainable Development Goals (SDGs) with one dedicated water goal and a target addressing water quality. In order to monitor progress in reaching the goals set, monitoring systems and indicators are required. For this, a concerted action to better understand the global state of water quality problems and the best way to solve them has been initiated, the World Water Quality Alliance.

The main objectives are to:

- (i) provide information on the newly established World Water Quality Alliance,
- (ii) share approaches to assess the dimensions of the global water quality crisis in relation to water security and
- (iii) screen for expertise and interests concerning potential large-scale water quality assessment components.

As an **expected outcome** an overview of expertise and interests in water quality is expected and new institutional members to be encouraged to participate in the World Water Quality Alliance.

Planned course:

1	13:30-13:40	Introduction (Ilona Bärlund)
2	13:40-14:20	Short impulse presentations (à 10 min, incl. questions) <ul style="list-style-type: none"> - SDG 6.3.2 - Progress report on ambient water quality (Harald Köthe) - Groundwater Assessment Platform (Michael Berg/Joel Podgorski) - Model based analysis of global water quality hotspots (Martina Flörke) - World Water Quality Assessment and Services, linking the global water quality agenda to the nexus and national local relevance (Hartwig Kremer/Kilian Christ, per video)
3	14:20-14:50	Detection of expertise and interests (group work, format depending on the anticipated group size)
4	14:50-15:25	Screening of expertise and interests
5	15:25-15:30	Wrap-up