



First announcement

## Workshop

# “Assessment and Management of Indirect Potable Reuse”

5th – 8th March 2018 in Koblenz

### Rationale

The practice of the purposeful addition of highly treated wastewater after passage through an environmental buffer to a drinking water supply is referred to as planned or intentional indirect potable reuse (IPR). IPR provides options to maintain sufficient water quantities for communities in the future and is crucial to achieving sustainable development goals of the UN 2030 agenda. However, the application of IPR technologies is still limited by a perceived higher risk and regulatory constraints and regulatory constraints.

### Objectives

This workshop aims to review innovations in regulation, treatment and assessment techniques and management options in the field of IPR, as well as the direction of future developments. Thereby the main focus is to initiate a discussion with stakeholders, decision-makers and scientists involved in IPR at a cross-border level, giving also the opportunity to consider related challenges and enhance opportunities for collaboration in the future.

### Organisation

The workshop is jointly organised by the German Federal Institute of Hydrology (BfG), the International Centre for Water Resources and Global Change (ICWRGC), the UNESCO-IHP's International Initiative on Water Quality (IIWQ) in conjunction with the Water-JPI project FRAME and its partner institutions, BRGM (French Geological Survey), Géo-Hyd (Olivet, France), IRSA (Institute of Aquatic Research, Italy), ISS (National Institute of Health, Italy), NIVA (Norwegian Institute of Water Research), TUM (Technical University of Munich, Germany).

### Workshop topics

- ◆ **Water quality assessment**
  - Pathogens
  - Chemicals of emerging concern and transformation products
  - In-vitro and in-vivo bioassays
  - Modelling strategies
- ◆ **Innovative techniques**
  - Ozonation, activated carbon
  - Sequential biofiltration
  - Sequential managed aquifer recharge
- ◆ **Regulation and public perception**
  - Experience in California, Australia
  - EU initiatives on water reuse
  - Innovative policy approaches
- ◆ **Water reuse in practice**
  - Torreele, Belgium
  - Windhoek, Namibia
  - Port de la Selva, Spain

### Participants

The workshop is targeted to scientists and engineers from the fields of water reuse, wastewater treatment and drinking water production as well as policy experts for water quality. Keynotes on the main topics will be provided by international experts.

### Venue and dates

The workshop will be hosted at the Federal Institute of Hydrology, Am Mainzer Tor 1, 56068 Koblenz, Germany from the 5th to 8th March 2018.

### Contact

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