



## Invitation

The AquaNES project team and Budapest Waterworks are happy to invite interested stakeholders to the AquaNES Workshop on River Bank Filtration (RBF). The workshop will give practice-oriented insight into RBF hydraulics, water quality aspects as well as treatment and post-treatment options.

The project team will report on the activities and technologies in the demonstration sites. Local utilities will share their experiences by presenting additional case studies.

Talks will be in English or Hungarian. Simultaneous translation is provided.

Date: 30<sup>th</sup> of May 2018

Venue: Budapest Waterworks, H-1134 Budapest, Váci street 23-27.



**BUDAPEST  
WATERWORKS**

## Programme

### **Welcome & opening**

- 9:00 9:10 Welcome at Budapest Waterworks  
Csaba Haranghy, CEO, Budapest Waterworks
- 9:10 9:20 Opening of the workshop  
Thomas Wintgens, University of Applied Sciences and Arts Northwestern Switzerland

### **Session 1: Hydraulics of RBF**

- 9:20 9:40 Hydrogeology and hydraulics of RBF  
Thomas Grischek, Dresden University of Applied Sciences, Germany
- 9:40 10:00 RBF well construction, operation and maintenance  
Zsuzsanna Nagy-Kovács, Budapest Waterworks, Hungary
- 10:00 10:10 RBF Siphon systems  
Rico Bartak, Dresden University of Applied Sciences, Germany

10:10 10:40 Coffee/Tea break

### **Session 2: Water Quality of RBF**

- 10:40 11:00 Water quality changes during RBF  
Ernő Fleit, Water management expert, Hungary
- 11:00 11:20 Water quality parameters focusing on organic micro-pollutants  
Éva Major, Budapest Waterworks, Hungary





- 11:20 11:40 Managing microbial contamination at bank filtration sites  
Ulf Mieke, Berlin Centre of Competence for Water, Germany
- 11:40 11:55 Travel time effects  
Krzysztof Dragon, Adam Mickiewicz University in Poznan, Poland
- 11:55 12:55 Lunch break
- Session 3: RBF and Post-Treatment:  
Experiences from the AquaNES project**
- 12:55 13:15 Berlin site: Nanofiltration  
Jeanette Jährig, Berlin Centre of Competence for Water, Germany
- 13:15 13:35 Dresden site: Ultrafiltration  
Robert Haas, DREWAG Netz GmbH, Dresden, Germany
- 13:35 13:50 Budapest/Baja site: Reverse Osmosis  
Zoltán Goda, National University of Public Service, Hungary
- 13:50 14:05 Haridwar site: Electro-chlorination  
Philipp Otter, Autarcon GmbH, Germany
- 14:05 14:20 Coffee/Tea break
- Session 4: Case studies**
- 14:20 14:35 Extreme events  
Tamás Aradi, Budapest Waterworks, Hungary
- 14:35 14:50 Why chosen RBF?  
Ferenc Katona, Waterworks Szekszárd Region, Hungary
- 14:50 15:05 Living with the RBF  
Gergely Schuszter, Mayor of Dunabogdány, Hungary
- Closing**
- 15:05 15:35 Final discussion, closure of workshop

## Registration

Participation is free of charge.

Please register by email to [aquanes@budapestwaterworks.hu](mailto:aquanes@budapestwaterworks.hu) indicating your name, affiliation and contact details.

