

MAR-WEB webinar series on Managed Aquifer Recharge

Webinar 2: “Planning a riverbank filtration scheme”

Date: 17 March 2021

Time: 10:00 – 11:30 hours Central European Time

Motivation

Intentional groundwater replenishment known as managed aquifer recharge (MAR) has advanced due to the high worldwide groundwater abstractions in the last 60 years and the emergence of new technologies for water treatment (Dillon et al., 2019). Riverbank filtration (RBF) is a technique of MAR and has been used for water supply in Europe for more than a century and is increasingly being used consciously as a water management technique in other parts of the world. With the intention to disseminate RBF knowledge and experiences to a growing interest group, this webinar is the second in a series of webinars on RBF as a technique of MAR that is being organised by the Division of Water Sciences at the HTW Dresden.

Schedule and Content

The webinar will cover the topics in the following schedule, but may not be limited to them.

Central European Time	Topic & presenter	Content
09:45 – 10:00	Log-in by participants and technical checks	-
10:00 – 10:05	Introduction to MAR-WEB series – <i>Cristina Sandhu</i>	MAR training series, topics and dates
10:05 – 10:45	Feasibility assessment for a RBF scheme – <i>Cornelius Sandhu</i>	- Estimation of geohydraulic parameters - Drilling of exploratory wells and interpretation of borehole logs
10:45 – 11:20	Design of RBF schemes – <i>Thomas Grischek</i>	- Aquifer capacity & well yield - Portion of bankfiltrate
11:20 – 11:30	Questions & discussions	

Technical specifications

The webinar series runs on the HTW Dresden platform Big Blue Button <https://bbb.htw-dresden.de/b/san-fia-juk-nhu>, Access code: 1417*** (only available after prior registration).

Audience and registration

The webinar series is aimed at national and international Master and PhD students, young professionals, members of academia and various ministries, technical staff of water companies.

Participants are requested to send a confirmation of participation by e-mail to mariss@htw-dresden.de. (Confirmation of participation form attached)

Participation fee

The webinar series are free of charge and open to all. However, confirmation of participation by email is required prior to the webinar.

Disclaimer

Participants are required to read the disclaimer before attending the webinar series. (disclaimer attached)