



Service Reservoirs: Challenges, Innovations, and Collaborations

One day webinar – hosted by ‘Material Destiny’, UoS

Date: 20th May 2021

Time: 10:30 – 13:00

Location: Virtual via GotoMeeting (link to follow)

Agenda

10:20 am to 10:30 am **Everyone joining**

10:30 am to 10:40 am **Introduction to the day** – Anastasia Doronina (University of Sheffield)

Overview and challenges

10:40 am to 10:50 am **SR management and best practice** – Ian Hope (Severn Trent Water)

10:50 am to 11:00 am **Understanding SR performance and integrity using historical data to determine best future practice** – Clervie Genevois (University of Sheffield)

11:00 am to 11:10 am **Questions** for the presenters and discussion

Service reservoir performance

11:10 am to 11:20 am **Assessing and quantifying SR performance using a practical metric; source or sink of material?** – Anastasia Doronina (University of Sheffield)

11:20 am to 11:30 am **Using mixers and ROVs to improve water quality in SRs** – Jim Panton (Panton McLeod) and Helen Guy (Northumbrian Water)

11:30 am to 11:40 am **Questions** for the presenters and discussion

11:40 am to 11:55 pm **Break**

[Microbial aspects](#)

11:55 pm to 12:05 pm ***How can we better monitor SR performance to keep water microbiologically safe?*** – Leila Claveau (Cranfield University)

12:05 pm to 12:15 pm ***White-box data-driven approaches for water deterioration prediction in SRs*** – Grigorios Kyritsakas (University of Sheffield)

12:15 pm to 13:00 pm **Questions** for the presenters and general discussion

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