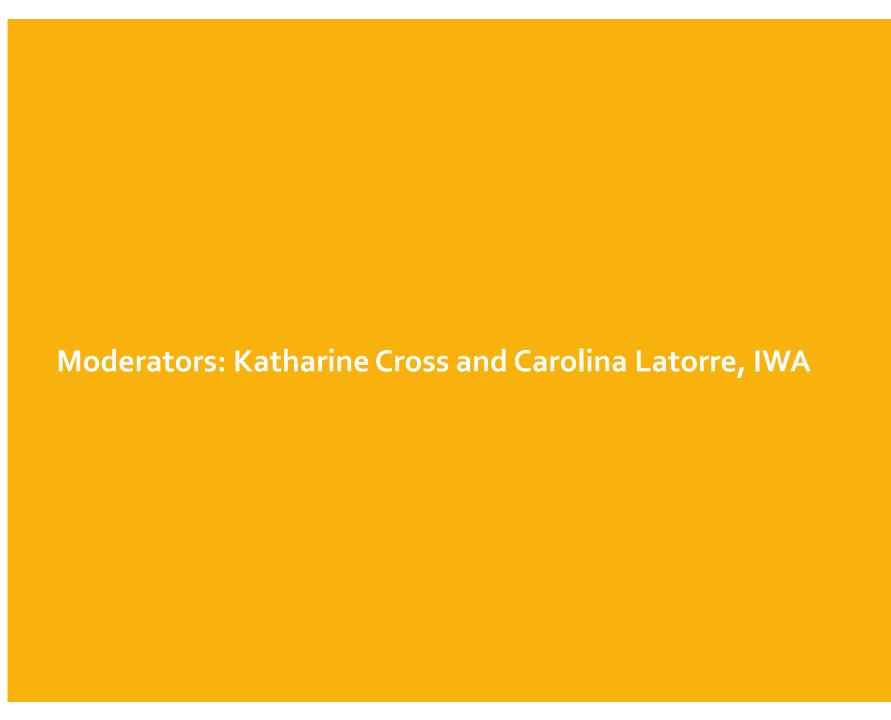# Using Space Enabled Water Quality Forecasting in Decision Making

29 August | 12:00 – 12:45 | Room: NL 253

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Moderators: Katharine Cross and Carolina Latorre, IWA

By Apostolis Tzimas, EMVIS

How can satellite technology combined with local monitoring and advanced modelling be used to improve reservoir's management and performance of service providers downstream?

Picture Explanation

12:05-12:15   Demonstration of the SPACE-O system: focus on water quality forecasting

By Apostolis Tzimas, EMVIS

Video (demo)

Picture Explanation

https://www.mentimeter.com/s/6d59c84a2a65c7832aa4636279dd5473/76db991a6aa1

Interactive audience feedback

- Who is in the room?
- Rate water problems in your area
- What was the most interesting part of the demo?
- What's your willingness to pay for the tool?

Picture Explanation

12:20-12:30   Perspectives and opinions from utilities:

Godfrey Masinde, Nairobi Water, Kenya

Jean-Paul Colin, Lyon Metropole, France

- What type of economic impact has algal blooms and turbidity had on operations?
- What forecasting information do you think would be useful to private operators, how would the information be used to make decisions?

Picture Explanation

- **How can this type of technology reduce the economic impact of algal blooms and turbidity?**

- **How would you use the information provided by the tools in practice? Who would find it useful and how would they apply it?**

- **What type of investments have been undertaken to reduce or deal with algal blooms and/or turbidity?**

- **What information is missing and do you think such technology can fill this gap?**

Picture Explanation

Partners: