



ISIMIP Regional water quality



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Outline

- What has been done?
- **What** are we going to do?
- **Where** are we going to do joint activities?
- **Who** would like to join?

WHAT?

- **We need global input data including fertilisation and point sources / scenarios which may come from ISIMIP and other existing initiatives and databases (might be shared through ISIMIP)**
- **Data for point sources can potentially be used shared with the entire ISIMIP community and beyond**
- **Offer flexibility for time steps, resolution, variables and case studies**
- **Most models can provide water quantity, nutrients and water temperature**
- **Cross-sectoral**

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WHAT?

- **Many ideas for papers**

- Multi-scale comparison using global and regional models
- Comparison across regional cases for both 3a (validation) and 3b future climate runs and I like the idea of climate attribution
- Assessment of global water scarcity by combining surface water availability from the Global Water sector, water quality from the Global/Regional Water Quality sector, and groundwater availability from Global Groundwater sector.
- MIP for Water quantity and quality in the Lake Victoria basin

WHERE?

- Geographical spread
- Data rich versus data poor
- Small versus large scale
- Stakeholder interest

Africa: Lake Victoria/Nile, Orange, Volta,...

Europe: Danube basin, Rhine,...

Asia: Dianchi, Yangze, Indus/Ganges/Brahmaputra

Americas: Mississippi, Great Lakes, Amazon, Parama...

Australia: Muray-Darling,...

Join us!



<https://forms.gle/pzQMMpu5HwAxnwi6A>