

Constructing wetlands and wastewaterscapes: multiple benefits from lively infrastructure

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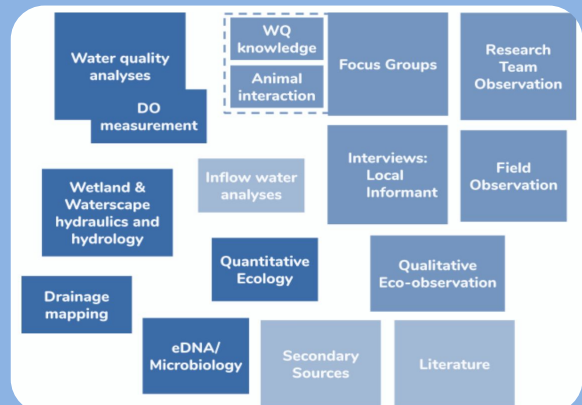


Introduction



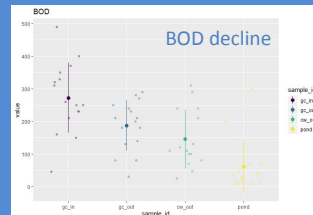
My PhD uses an interdisciplinary approach to understand the production of benefits by constructed wetland infrastructures in rural India and Scotland. The conceptual framework for the PhD is rooted in waterscape theorising in political ecology. I use a mixed method approach including social and natural (hydrological and ecological) methods.

Methods Diagram



Results

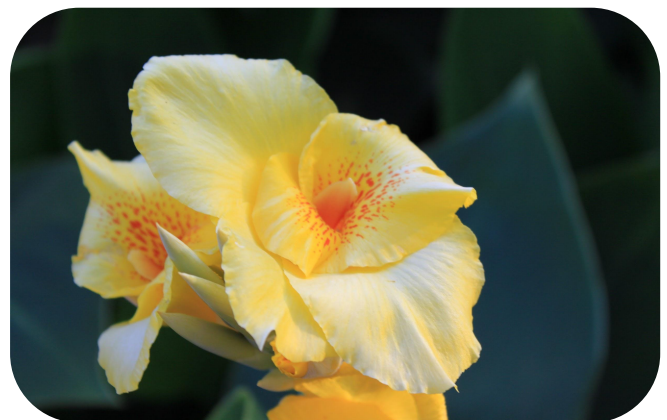
- Water quality improvements are less than expected at both Indian sites.
- Many species interact with the wetlands.
- Resource production is dependent on the social context.
- Constructed wetlands are linked to broader water conservation and cleanliness projects.



Delivering benefits requires both social and ecological processes across the wastewaterscape.

Next steps

- Analysis of data created in field trip of Feb-March 2020
- Planning of another trip for July-August 2020
- Delving further into the context of each constructed wetland site
- Presentation and paper writing



Supervisors: Laurence Carvalho,
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