



# Master thesis

## Abiotic monitoring of a fish ladder



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An existing fish ladder on the river Raab is inoperable. Therefore, a reconstruction will be done in Spring/Summer 2017. A pond fish ladder in combination with a Denil pass will be constructed. Discharge will vary significantly due to hydro power influence. A biotic monitoring will be performed parallel and these results should be merged with an abiotic monitoring.

### Aim and methodology:

- Literature review
- Field measurements (velocities, discharge, morphology)
- Development of an operable fish ladder

**Start:** Summer 2017

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