


Research topics in Fish Breeding, reproduction etc.

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Simulation studies

If you are interested in programming, we have several simulation studies for aquaculture breeding programmes that we would like to do, for instance GS schemes or effects of gene edits.

Reproduction in tilapia (new tilapia lab scheduled to be finished 2021)

- We have earlier had two master thesis projects on cold-water treatment for synchronised spawning and the hormonal effect of this
- Further studies should be:
 - Developing protocols for better artificially fertilisation methods
 - Develop better methods for cryopreservation



Ethology and stress response in tilapia

- Characterisation of the hormone response levels for different type of stress and hormones is not well described in tilapia
- Aims:
 - Establish base-line hormone response curves for cortisol
 - Efficient ways to measure hormone response, preferably in the water
 - Efficient ways to initiate stress response in tilapia (standard confinement stress is not effective)