ECOHAB - LTU

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Collaboration with SLU, UMU, KAU



ECOHAB general

- Improvement and evaluation of connectivity and habitat quality for sustainable hydropower
 - The purpose is to develop and evaluate measures for regulated rivers that increase biodiversity and improve connectedness within catchments while maintaining hydropower production.





Swedish Agency for Marine and Water Management









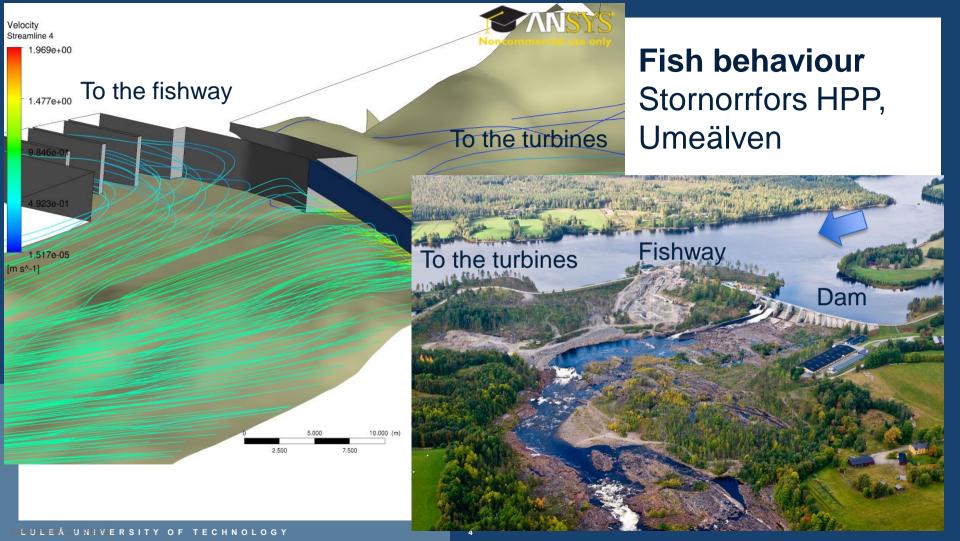




Fishways

Hydraulic preferences regarding fishways and Why do some fishways work as expected and others not?

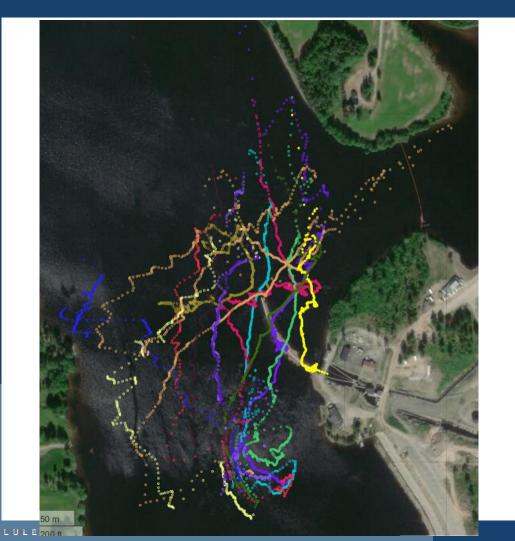




Stornorrfors, downstream





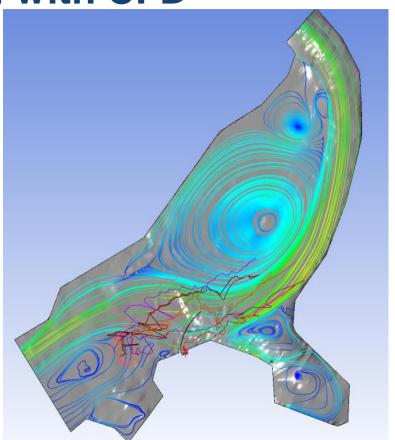


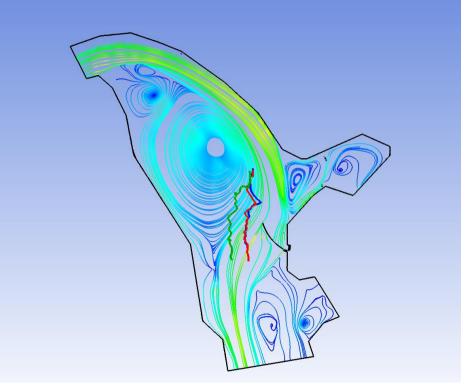
HR-AT from Johan Leander PhD project, UMU, SLU & VRD

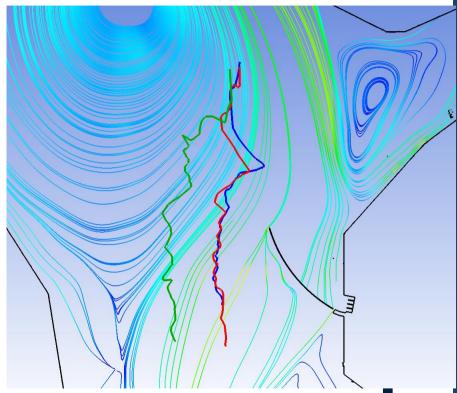


HR-AT combined with CFD

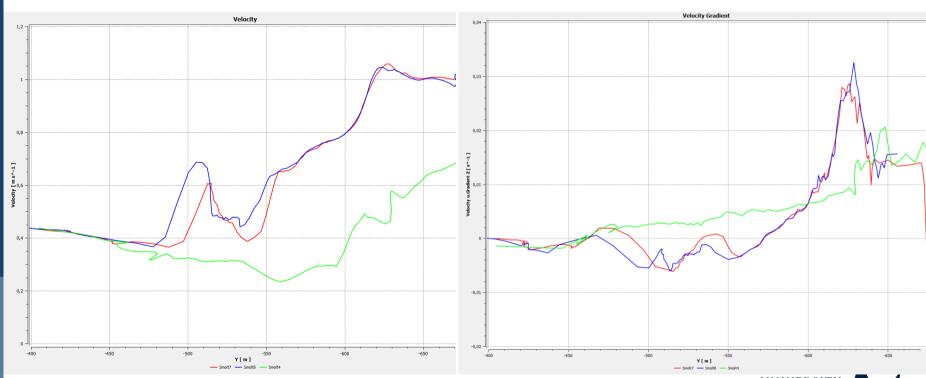
- Comparison between hydraulic parameters and individual fishtracks
- Smolt
- Kelt
- Develop behaviour rules



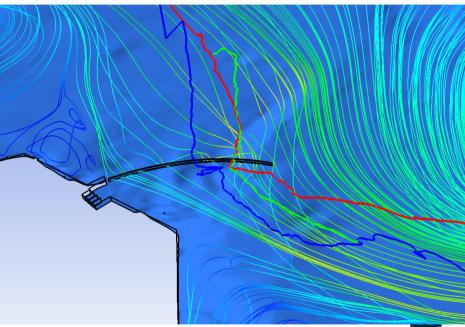




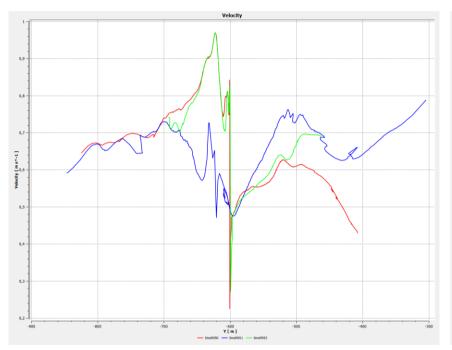
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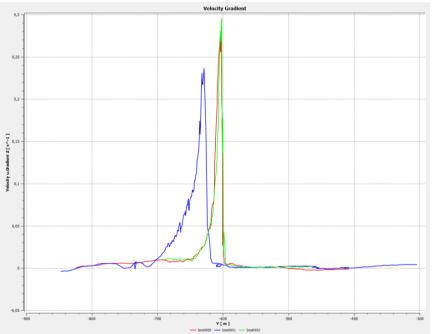






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So far and what is next?

- Smolt
- Kelt
- Confluence



Thank you for the attention **Questions**





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