Working with water within Kristianstads Vattenrike Biosphere Reserve

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How do we work?

By getting people together!
Exchange of knowledge – raising awareness
Process of running the projects

- KVBR get money from different grants (regional, governmetal or from EC.)
- Find locations suitable for wetland restoration or construction. Often done by a consultant.
- Contact with the landowners and inform about the opportunities of constructing a wetland.
- Good locations and a landowner that is interesed, will be offered the opportunity to make a detailed planing (detailed mapping of the area and ”get a pricetag” for the project).
• Construction – The landowner leads the project (often with a consultant).
• When finished, we inspect the construction – if everything is as agreed – we disburse the money to the landowner.
Done! And the wetlands starts to deliver several ecosystem services

• nutrient retention
• prevents flooding
• delay water in the landscape
• sedimentation
• irrigation
• biodiversity
• recreational values (birdwatching, fishing etc.)
Wetlands in woodland
- to decrease leakage of brown water

• Monitoring of a drainage bassin upstream the biosphere reserve.
• Information to interested landowners about actions to decrease the runoff of brown water.
• Within the project, one 10,2 hectare wetland have been restored and several good locations have been found for restoration measures.
Isternäset, spring 2011
Fredriksdalsvikens naturreservat (rödstrèckad linje = reservatsgränsp)

Helgeå
vall
invallade åkrar

<table>
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<th>Ljus (tot)</th>
<th>Aluminium (tot)</th>
<th>Kalium (tot)</th>
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Fotograf: Patrik Olofsson/N
In the last 10 years we’ve restored more than 250 hectares of wetland.

In the municipality’s strategic document for 2016-2020 – Healthy ecosystems is one of the four main parts. The municipality has a yearly goal that 15 hectares of new wetland should be restored/constructed.
Actions in running water

• Habitat restoration, construction of spawning areas and removing barriers to improve connectivity within running water systems
Reintroduction of the European catfish (Silurus glanis)
Disappeared in the 60s in the lower parts of Helgeå

- I caught the last and largest European catfish in 1962

Lifesaving measures for fish. Fire department sprays water in Helgeå
Reintroduction in 1999

• 12 adult catfishes were released in 1999.
• Reproduction can be observed yearly from our standardized test fishing from 2011-2017.
The work will go on...
.... for healthy ecosystems and better balance in River Helge å and Hanöbukten