



I. Fundamental aspects on the interactions between channel geometry and riparian forest

- What is the riparian area?
 - Main characteristics
 - Biodiversity
- How is it affected by channel dynamics in
- human environments?
 - Reach scale
 - Catchment scale

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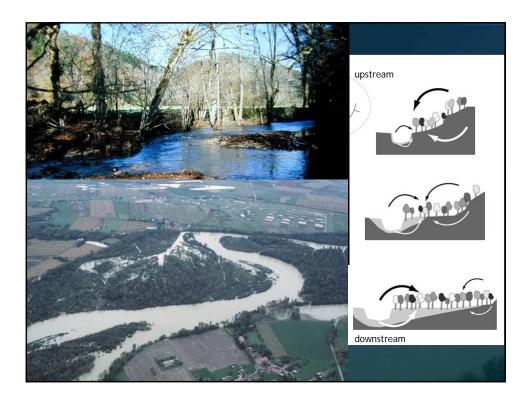
How is it affected by channel dynamics in human environments?

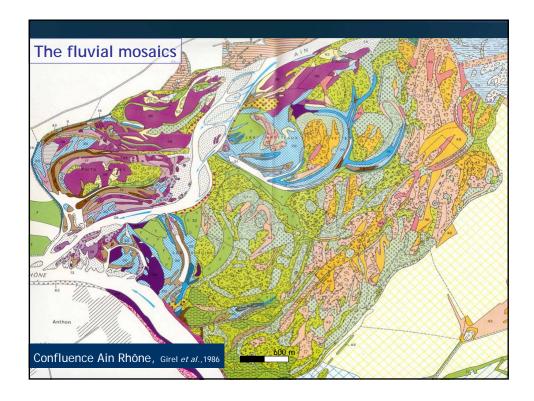
- Reach scale
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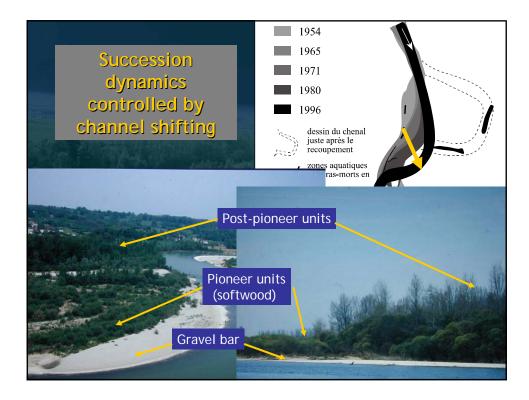
Main characteristics : channel and groundwater proximity

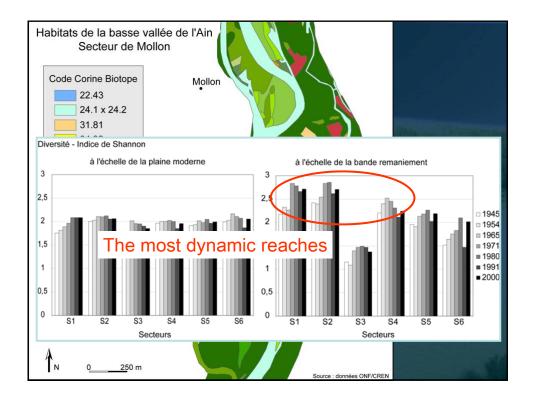
• water, sediments, nutrients, and propagules supply during floods

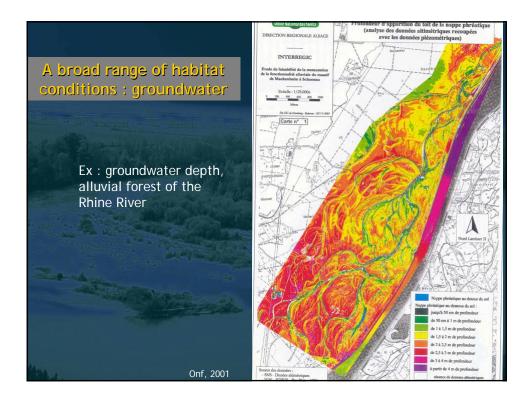


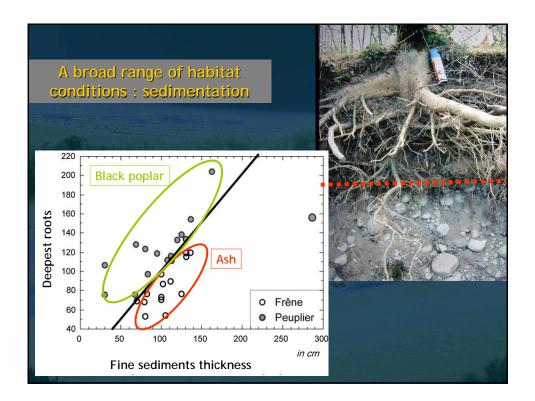


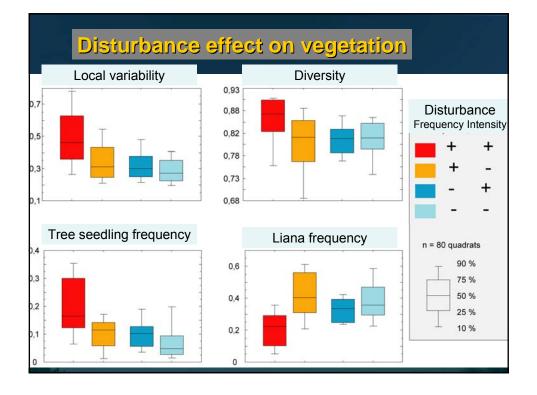


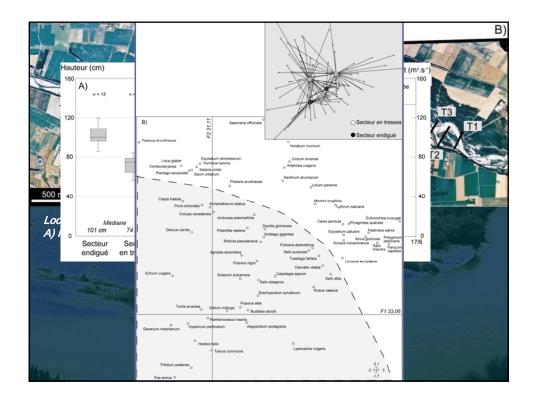




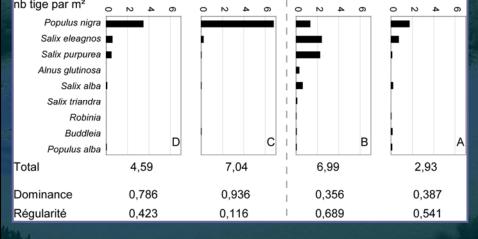


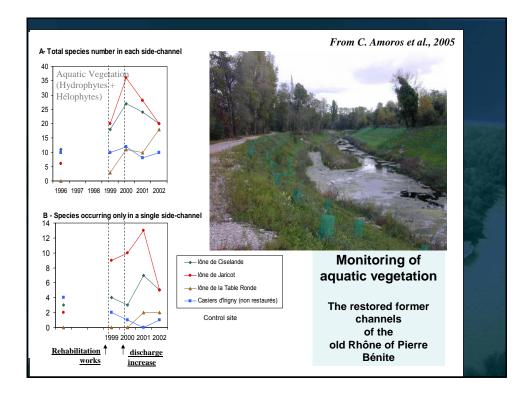










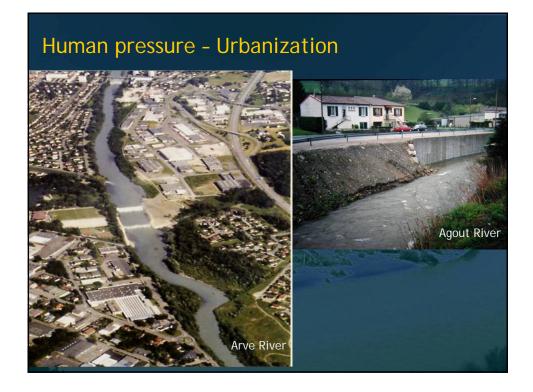


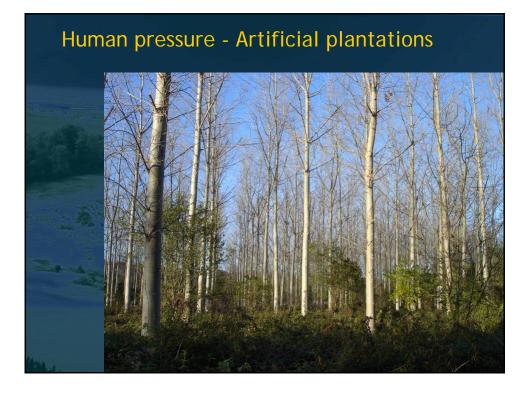
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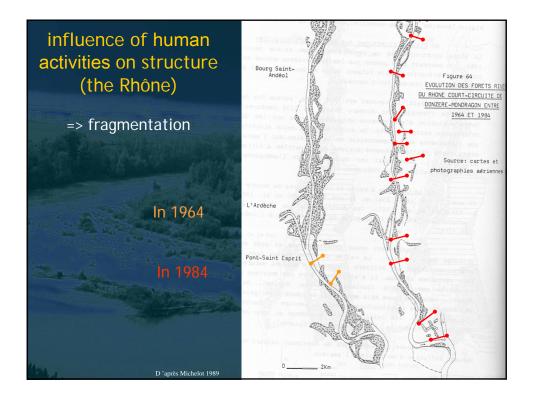
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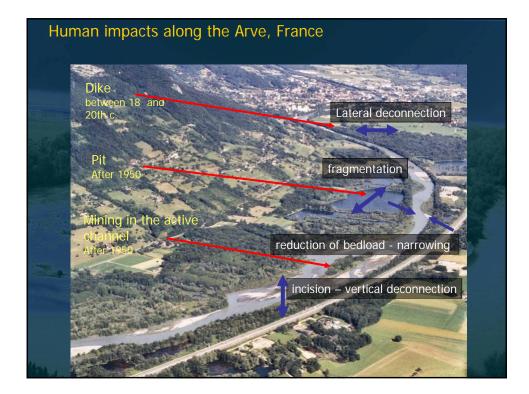
- How is it affected by channel dynamics in human environments?

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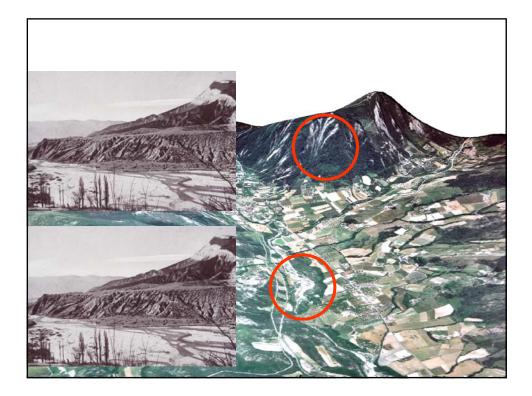


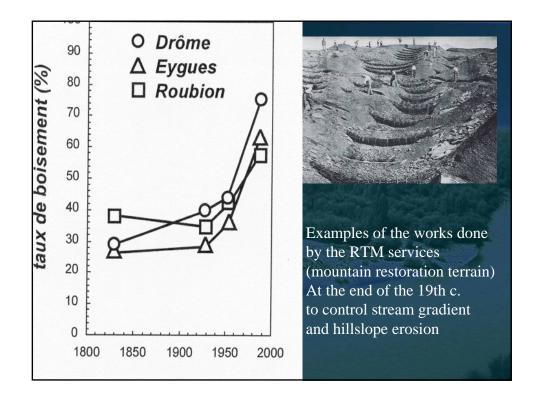


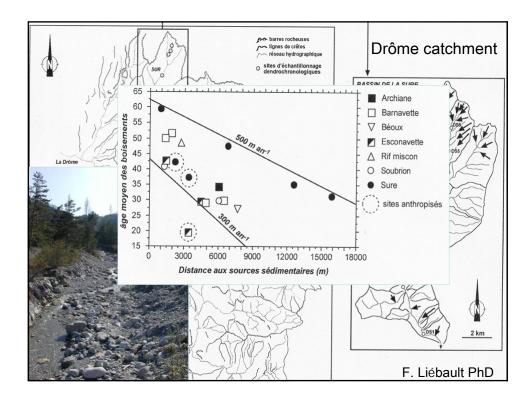


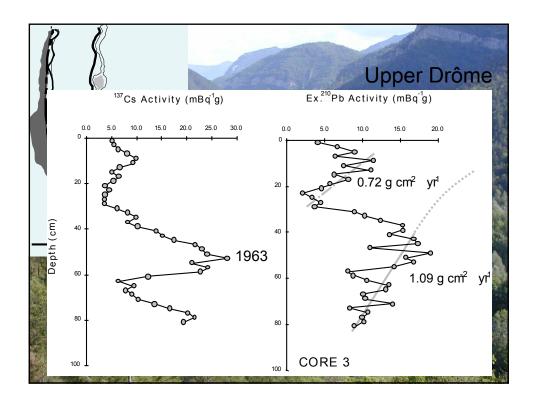


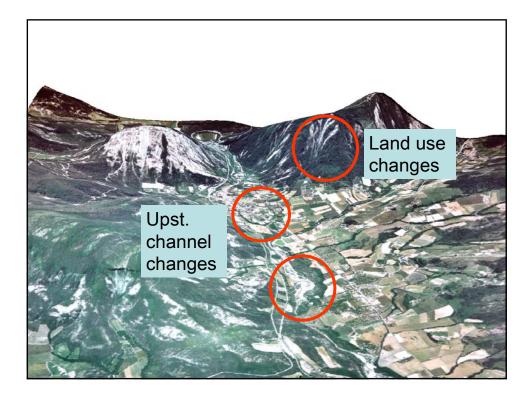


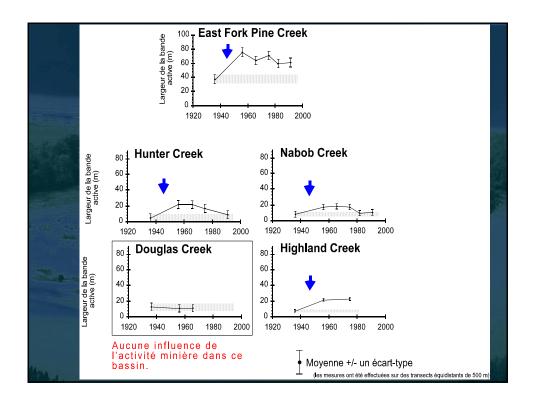


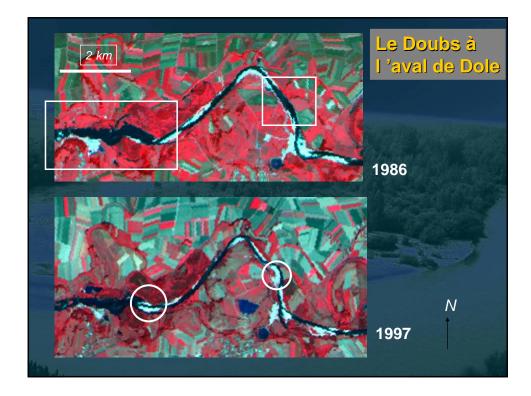


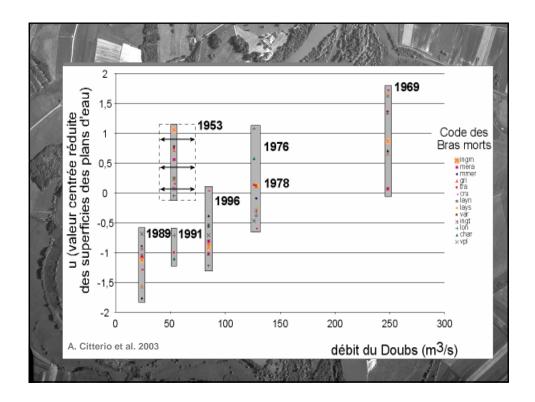


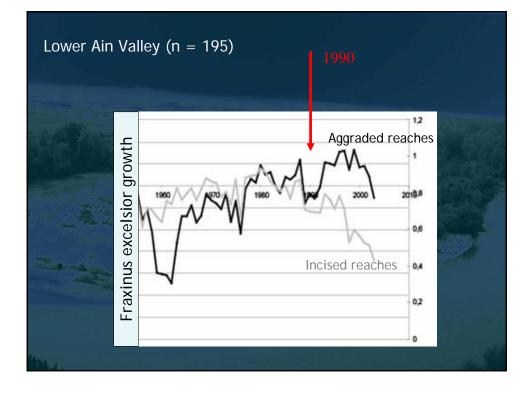


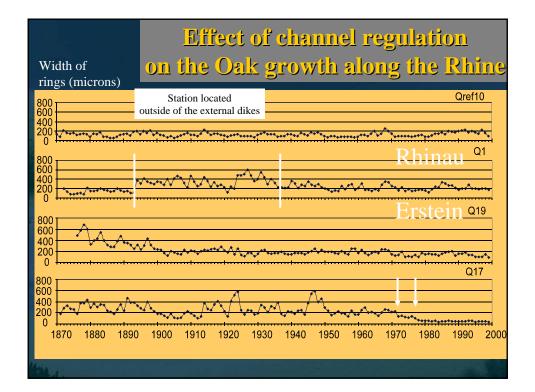


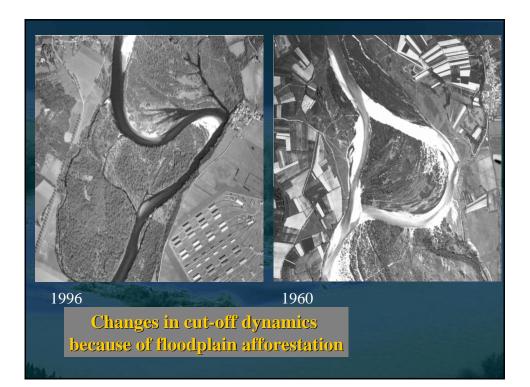


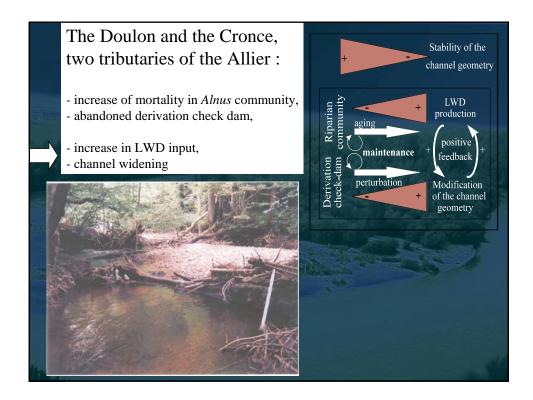


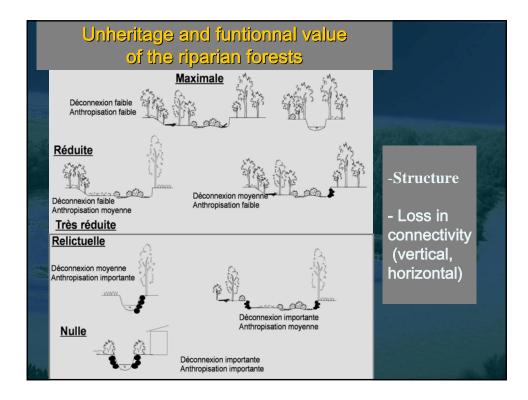




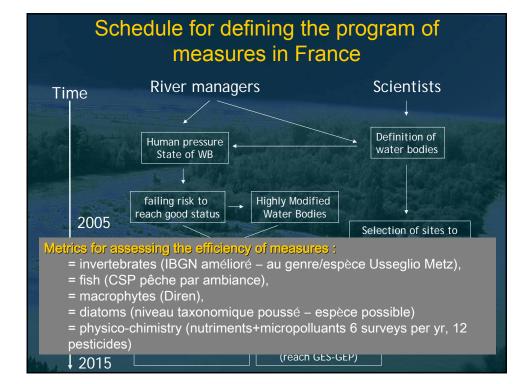


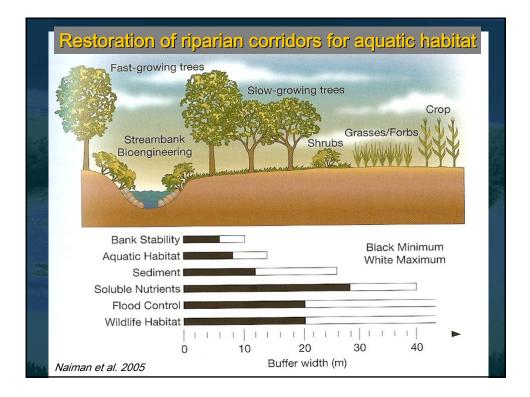


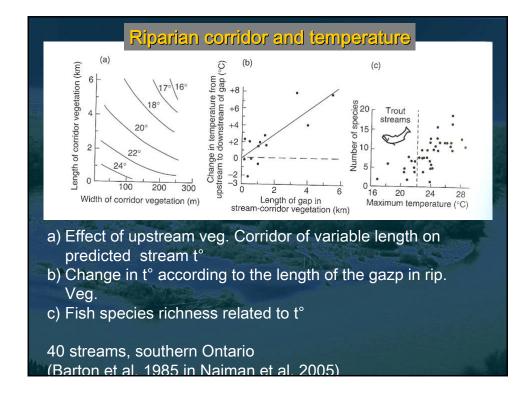


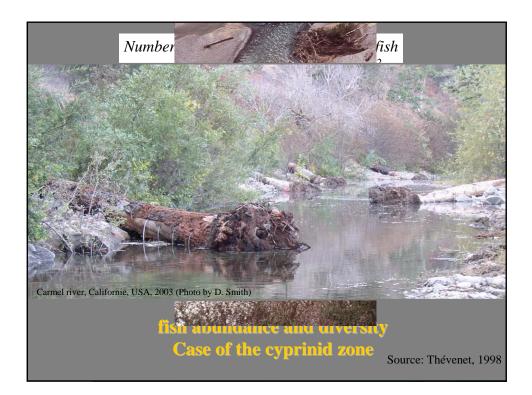


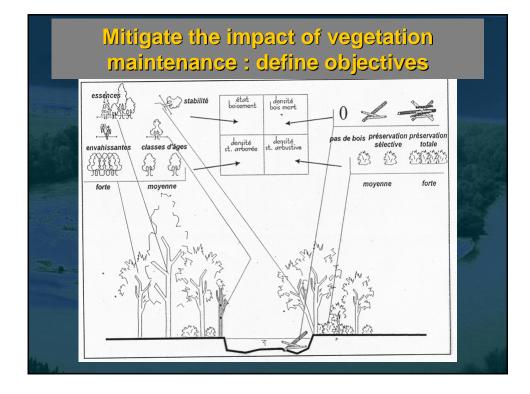


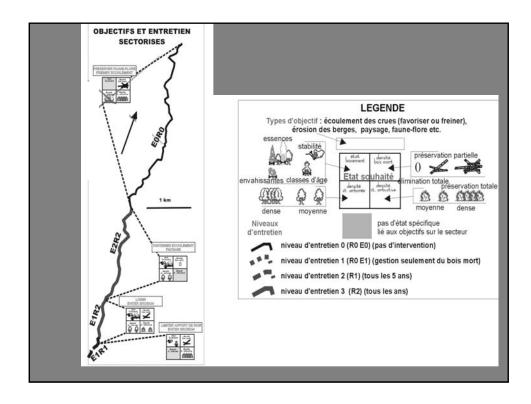


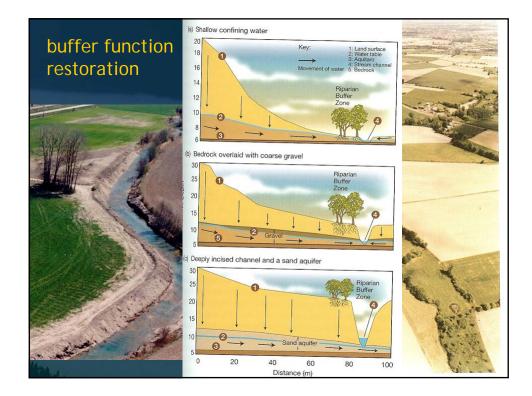












II. Elements for designing the WFD restoration program

Riparian zones and WFD

- Not a metrics ... for evaluating if we reach a good ecological status
- A compartment on which we can act... for reaching a good status

· Guiding ideas for implementing the WFD

- Reference state versus pristine state
- Static versus dynamic
- Local diversity versus long term diversity
- Balancing ecosystem improvement and other stakes (risk management)

