Workload: 30 ECTS, 900 Working hours

Master Thesis – The Ecosystem Services of Floodplains along European Rivers – a study of recognized Ecosystem Services

Situation:
During the last decades, Europe suffered major catastrophic floods. Therefore, the Flood Directive asks for adequate and coordinated measures to reduce flood risk without conflicting Water Framework Directive objectives. To implement flood risk prevention while maximizing benefits for biodiversity conservation, a better understanding of the ecosystem services (ES) of floodplains is necessary. This Master Thesis investigates a) the recognized ES provided by floodplains in the European countries, and b) the methods and models used to assess the ES so far. The Master thesis will be based on a structured literature review will focus on understanding how floodplain benefits change, both in space and time.

Tasks:
- Setting the main research questions
- Develop and apply a literature review design
- Categorize and assess existing ES evaluation method and metric

Requirements:
- Very good English skills
- Knowledge of EndNote or Citavi
- Basic statistics and GIS is desirable

Processing Time:
To be decided

Bei weiteren Fragen:
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