

An Integrating Nexus of Land and Water Management for a Sustainable Nordic Bioeconomy (BIOWATER)



A Nordic Centre of Excellence in Nordic Bioeconomy Programme BIOWATER will provide solutions for land, environmental and water resources management in the face of potential and competing demands for biomass, land and water resources related to the green shift.

- Potential impacts of land use change and climate change on water, elemental cycles and ecosystem services will be assessed.
- Assessment of the opportunities and limitations for a green bio-economy in the Nordic countries will be based on the scenario outcomes from elemental budgets and ecosystem service accounting exercises.
- The center will interact with policy makers and stakeholders on the opportunities and limitations of the green, bio-economic shift for the rural North.

During the first year of BIOWATER focus has been on developing socio-economic pathways which take into account climate change. Further the effects of bioeconomical developments will be analyzed together with stakeholders in national workshops.

Finnish national work is concentrated on Simojoki river basin, where historical land use changes are analyzed and their effects on watercourses are investigated. Especially focus is on drainage of peatlands and their effects on watercourses including also effects of brownification.

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More information: <https://biowater.info/>