Benthic macroinvertebrates and the use of stable isotopes ($\delta^{13}C$ and $\delta^{15}N$) in the impact assessment of peatland use on stream ecosystems

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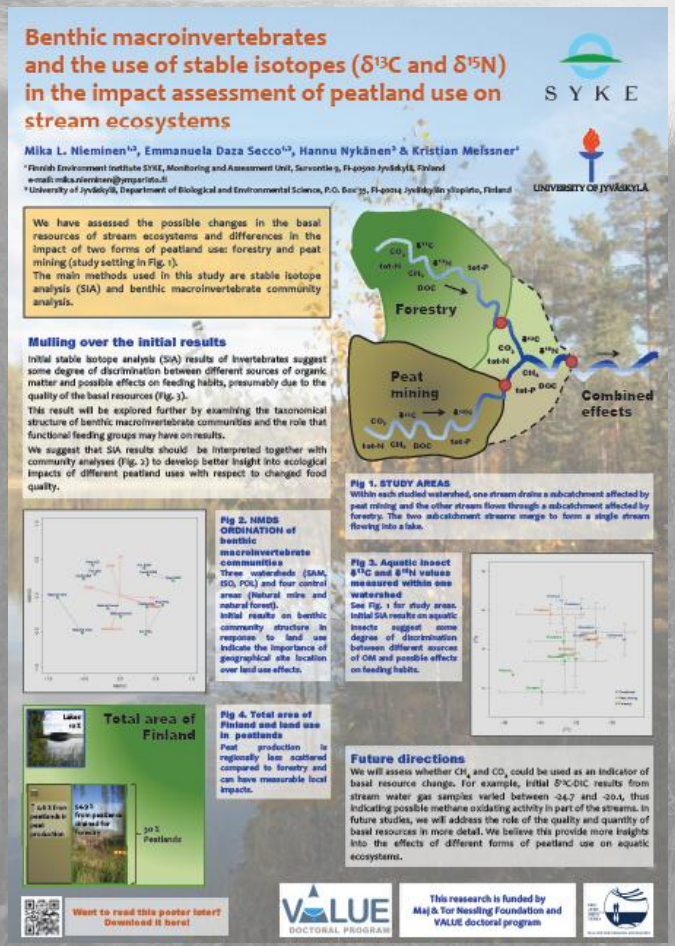

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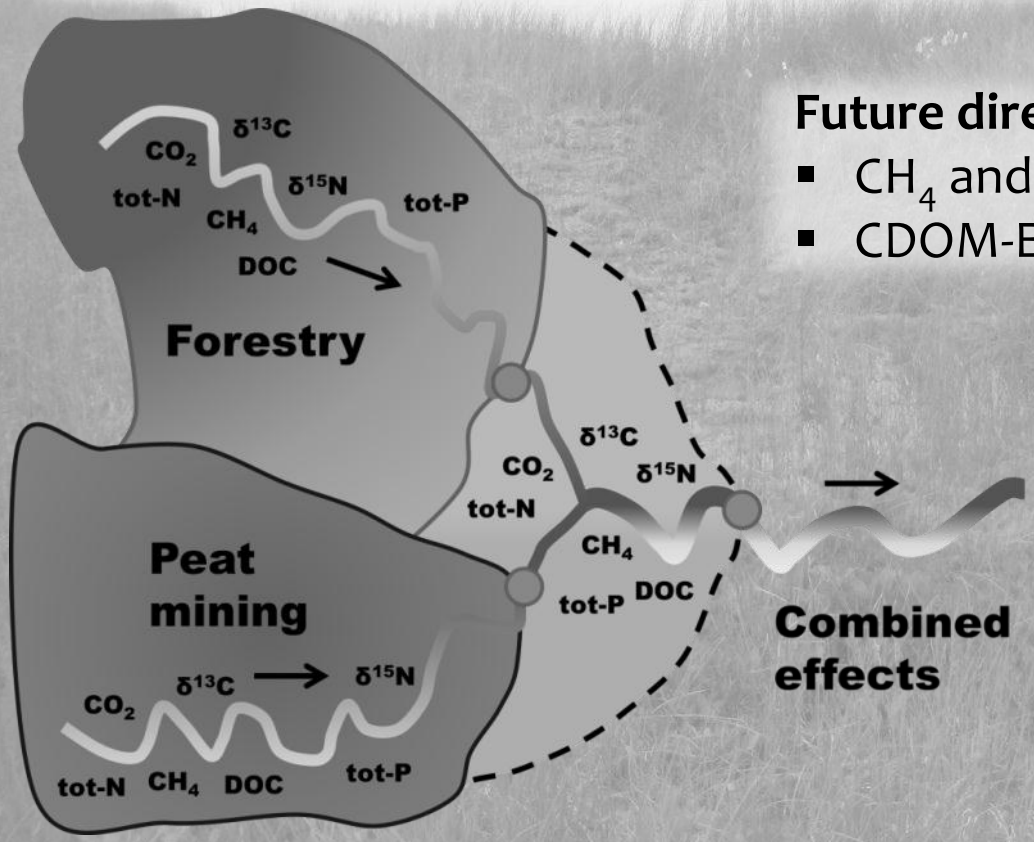
BG4.1 Linking biogeochemistry and environmental stressors to nutrient cycling and ecology in freshwater systems

1. Aquatic insects: geographical site location more important over land use effects

2. Some degree of discrimination between different sources of organic matter and possible effects on feeding habits



Future directions

- CH_4 and CO_2, $\delta^{13}C$
- CDOM-EEM

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