

Inbjudan till Examensarbete i Miljö- och vattenteknik

**Environmental Modelling and Management** at Department of Aquatic Sciences and Assessment, SLU

The Swedish landscape is subject to many stressors including climate change, more intensive forestry and pollution from local and long-range sources. These stressors will affect metals, nutrients, dissolved organic carbon and contaminants in the Swedish and Fennoscandic landscape. Models allow us to evaluate the effect of management strategies on both present and future conditions. We use a range of modeling techniques to understand stressor effects at the local and landscape scale. We currently have projects modeling metal dynamics in riparian soils, simulating long-term landscape scale patterns of dissolved organic carbon, and understanding recovery from acidification. We are looking for students with strong mathematical skills and an interest in the Swedish forest landscape. We will design projects in collaboration with students and assist in model set up and calibration. We hope to build a small team of students working on projects on a range of topics across spatial and temporal scales.

For further information, please contact

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