



Sveriges lantbruksuniversitet
Swedish University of Agricultural Sciences

**Department of Wildlife, Fish
and Environmental Studies**

Areas of national land-use interest recognition as input to landscape planning

Sweden has in the environmental act (miljöbalken) recognized 17 different national land-use interests (NI), including e.g. Natura 2000, natural watersheds, reindeer husbandry, magnificent mountains, recreational life and wind power. Most NI are geographically demarcated with a land-use claim that have substantial power in regional and municipal comprehensive planning. However, an evident overlap exists between different NI that may cause land-use conflicts but that also, potentially, allows integration and synergy for multi-objective land-use. This project will focus on assessing spatial and temporal traits among a selected number of natural resource-based NI as a basis for identifying conflict risks and integration and synergy options, as input to multi-objective landscape planning. The analyses should be done on broad geographic scale, possibly even on national scale, and will be based mainly on GIS-analyses and literature studies.

Extent: The project is suitable for a 60 credit thesis but more limited approaches may be selected for a 30 credit thesis. GIS-skills are required.

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