

Feedback from Practical period

Länsstyrelsen Malmö, HT 2016

Under the second half of the autumn semester I worked as an intern at Länsstyrelsen Skåne (County Administrative Board). The internship was done as a part of Länsstyrelsen's ongoing work to create an action plan for Green infrastructure.

Identifying and mapping potential high value spots and areas with high biodiversity is a central aim of the planning of Green infrastructure (GI). GIS analyses are important constituents of these efforts.

My main task during the internship was to test and develop a GIS method to identify potential ravines in Scania: these areas can be characterized as limnic key biotopes, having high biodiversity. This is the reason why it is important to locate these areas and to take them into consideration in GI projects. The basis of the analysis method was a pilot project performed by Jönköping's county. The analysis was conducted with the help of ESRI's ArcMap program.

Besides the ravine project, I also did an analysis regarding vascular plants, with the help of a database of Scania's flora. The aim of this was to describe the species pool of native species at different parts of the county.

Apart from being engaged with the GIS analyses, I could also take part of excursions, to Svedberga kulle and Hallands väderö nature reserves. I also attended a meeting at Lund university, where potential GIS analyses concerning the agricultural landscape were discussed.

As an intern at the Nature Conservancy unit I had possibility to get to know different cases Länsstyrelsen is responsible for, as well as various ongoing nationwide projects. I also got an insight of the cooperation between different organizations (such as Skogsstyrelsen, Jordbruksverket, Lantmäteriet etc.), regarding common projects.

My internship was beneficial not only from a professional point of view, - I could further develop my knowledge in GIS- but I also had the possibility to experience working in the governmental sector.

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