Masters Degree Project in restoration ecology 30/45/60 hp/ETCS

Grip on Life is an EU-project coordinated by the Swedish Forest Agency. They are now starting a study that will evaluate the effect of rewetting drained peatlands on vegetation and greenhouse gases. There is an ongoing big effort from society to rewet and restore the many drained peatlands in Sweden (up to 1 million hectare) but we still lack knowledge on how successful these restoration efforts are, and how fast we achieve the goals of restored ecological functions. Here the aim is to primarily investigate if the recovery rate of the vegetation and link this to ecosystem functions by using drained peatlands that were rewetted in 2015. Two rewetted sites will be studied: Anderstorps stormosse (småland) and Ånsjön (jämtland), and results are compared with nearby undisturbed peatlands. There is also a possibility to upscale the results across the peatland by using drone images.

The student will conduct vegetation surveys at both sites during **summer 2020**. Travel costs and accommodation are covered by the project.

Contact: gustaf.granath@ebc.uu.se
Website: https://katalog.uu.se/empinfo/?id=N6-486