

Ecological restoration effects on parasite and pest species

Do you like to make an important contribution to the knowledge on how humans may affect the spread of parasites and pest species through active ecological restoration?

The aim of this master thesis is to make a literature survey of available literature and write a review-article containing a meta-analysis on positive/negative effects of restoration measures on parasite and pest species local occurrence in different ecosystems. The work will go on for 1-year (60 credits) and the aim is to transform the final thesis into a scientific publication.

The student should preferably have read statistics courses during the undergraduate studies and be interested in working with larger datasets. If the amount of literature proves to be too large after the initial literature search the student can choose to focus on e.g. forest ecosystems in particular instead of a global scope.

Meta-analyses are becoming more and more important in ecological research to draw general conclusions of overall trends and effects following different interventions. Learning such meta-analytic tools can be very important if the student likes to continue in research after the master thesis project is finished.

Interested? Contact Magnus Magnusson (mail: magnus.magnusson@slu.se or phone: 090-7868587)