

What about doing an internship in our Ecology and Evolution Group, at Evenstad?

We are seeking practice students to work as interns on three of our projects within the period from April to November 2018:

- 1) How many individuals of two different newt species belong to a given pond?
- 2) Body morphology in crucian carp (*Carassius carassius*) – what is the mechanism behind the phenotypic plasticity in body depth?
- 3) What is the size of a beaver (*Castor fiber*) population in a Norwegian municipality?



The goal of the newt project is to, by means of non-invasive methods, provide knowledge about population size, dispersal and life span of the two red-listed newt species of Norway, *Lissotriton vulgaris* and *Triturus cristatus*, to better make a more integrated management of wetlands and pond systems.



The goal of the crucian carp project is to find the exact mechanism behind the phenotypic plasticity of its body shape, and see how this is related to predators and the availability of food. The project involves field work, lab work and experimental work.



The goal of the beaver project is to develop an efficient method or model to estimate the population size within a certain area, and to use this knowledge in the management of the species. The project involves field work consisting of landscape scale surveys, with registration of beavers and their distribution.

Tasks:

The fieldwork is quite diverse regarding the different projects, and we aim to constitute a fieldwork group, and distribute the various task among the participants. This means that there are opportunities to work on one or several of the project during the season. Among things we are going to do are trapping of fish and newts, surveys for beavers, photographing, measurements of various parameters in the field

and in the laboratory, and various chemical, biological and statistical analyses. The interns will have the opportunity to participate in many various tasks, and to learn and have experience with several different scientific methods.

Requirements:

Willingness to work long days in the field no matter what weather or how many mosquitoes, walk off-track, be part of a group and help out with cooking and cleaning, and contribution to a good social environment and a cheerful atmosphere.

A driving license is an advantage, as well as knowledge of use of GPS, maps, identification of animal tracks and signs, use of fishnets and traps, dissection, but training in the appropriate methods will be provided.

For internships with the Ecology and Evolution Group, please contact Antonio.poleo@inn.no or Elisabeth.riseth@inn.no



