

Conference workshop

4th Norwegian Ecological Society Conference

13th of February 2019, Tromsø

Title: New methods and technology in Ecology

During this workshop, we will present different ways new technology and methods can improve ecological monitoring. There will be 20 minutes talks on different technologies and methods, followed by 10 minutes of questions and discussion. Our aim is to inspire and give ideas that you can adopt in your own monitoring, therefore we encourage everyone to engage in discussions and ask questions, also on things that are specific to your work. We have include long breaks to give you the opportunity to chat with people, and share ideas. After lunch (13:30 – 15:00) we have set aside time if some of the workshop participants want to present some of their own work that could be of interest to others or special topics that people want to discuss.

Tentative program:

09:00 Welcome and Introduction

09:15 Nigel Yoccoz: the need of method development in ecological research

09:40 Eivind Flittie Kleiven: Can camera traps shed light on the mysteries of the small rodent cycle?

10:10 Coffee break

10:30 Kelsey Lorberau: Ancient and environmental DNA: Current uses and future possibilities in ecological research

11:00 Mike Murphy: Observation devices and Distributed Arctic Observatory

11:30 Pedro Nicolau: Complex statistical models, when do we need them?

12:00 Lunch

13:00 – 15:00 Everyone is welcome to present their own work and propose topics for discussion