

**Second announcement. Invitation to international seminar 4 – 6<sup>th</sup> May 2022 in Ås, Norway.**

**Soil and water conservation under changing climate in Northern and high-altitude conditions.**

The objective of the seminar is to bring new knowledge on soil and water conservation under changing climate in Northern or high- altitude conditions (cold climate). Climate change is expected to bring changes in precipitation, rainfall, frozen soils, snowmelt conditions, drought periods and extreme weather that will affect runoff and hydrological pathways in the agricultural landscape. Also, soil functions and soil health will face new challenges. These changes will influence losses of nutrients and erosion processes- and put pressures on the need of efficient measures. Best farming and management practices must be revised and developed to expected changes in climate. The seminar will also address monitoring, modelling and development of planning tools for analysing effects and planning for adaptation measures.

**Topics:**

- Soil and water conservation challenges
- Soil functions and soil health
- Changes in hydrological pathways
- Best farming and management practices
- Monitoring, modelling and planning tools

More information: <https://nibio.pameldingssystem.no/soil-and-water>

Deadline abstract: 31 January 2022

The seminar is organised in cooperation with IUSS (International Union of Soil Science), Norwegian Society of Soil Science (Norsk Jordforening), ESSC (European Society for Soil Conservation), NJF (Nordic Association for Agricultural Science), Norwegian extension Service (NLR), [NIBIO](#) and [NMBU](#).