

Topic/Title (Norwegian)

Variasjon og synkronisering i høstvekter og tap av lam og reinkalver i tid og rom

Topic/Title (English)

Temporal variation and synchrony in performance of sympatric lambs and reindeer calves

**Summary**

It is well documented that autumn weights and preweaning losses of lambs and reindeer calves do vary in time and space; i.e. between years and grazing areas. This is partly because the pasture quantity and quality and weather conditions do vary between years, as well as differences in pasture conditions between areas. In addition, predator occurrence will affect their performance. Using long-term series on autumn weights and losses of lambs and reindeer calves in selected areas where both species are found sympatrically, the species' response to weather and pasture condition as well as predator occurrence will be analyzed. Data is available from the sheep and reindeer husbandry records as well as reported losses and compensations paid for the losses from the authority's "Rovbase". Further, pasture conditions and weather data will be extracted from satellite-based measurements (MODIS) and weather stations in the selected grazing areas. The work will be in close collaboration with Bård-Jørgen Bårdsen, NINA and Geir Steinheim at IHA.

Subject area (keywords)

Grazing ecology, sheep, domestic reindeer

Language thesis

English or Norwegian

Bachelor or Master thesis

Master thesis

Credits

30/60

Please contact

Øystein Holand, Biovit, Room H262, Email: oystein.holand@nmbu.no