

Reindeer Pastoralism in Fennoscandia – a comparative approach

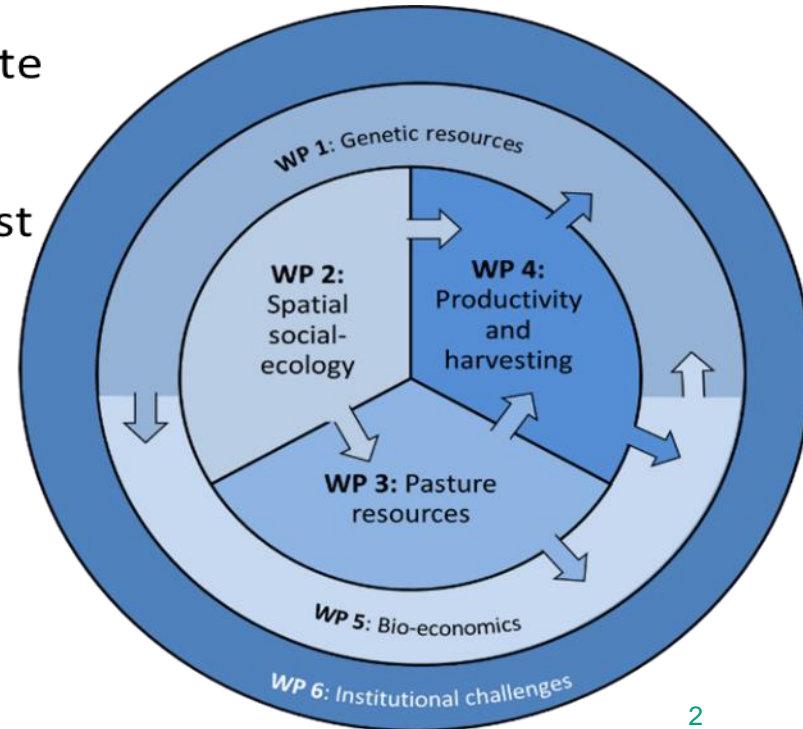
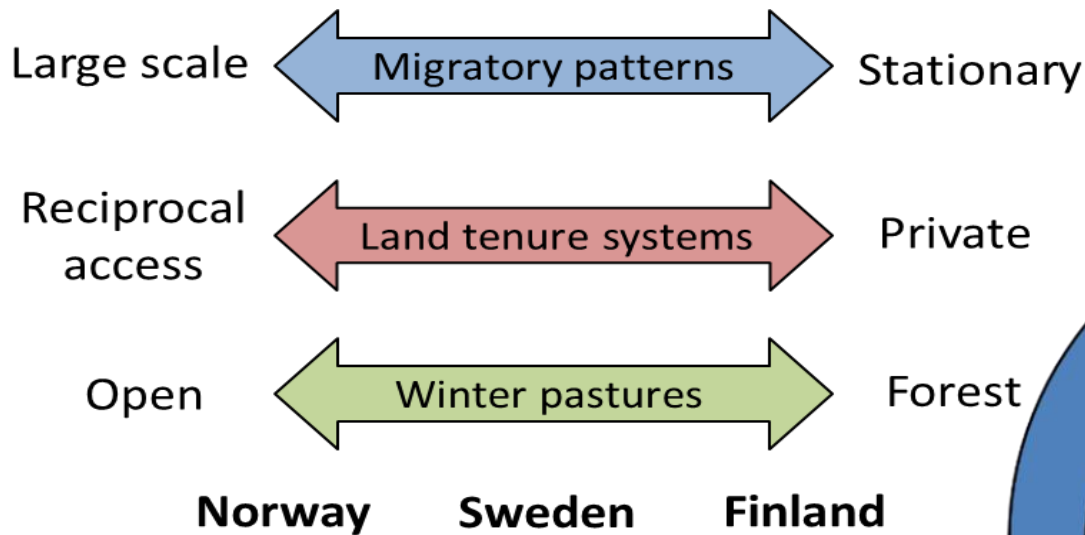
ReiGN's vision is to establish an interdisciplinary multisite Research Centre for understanding of drivers connected to globalization and climate change that affect reindeer pastoralism in Fennoscandia.



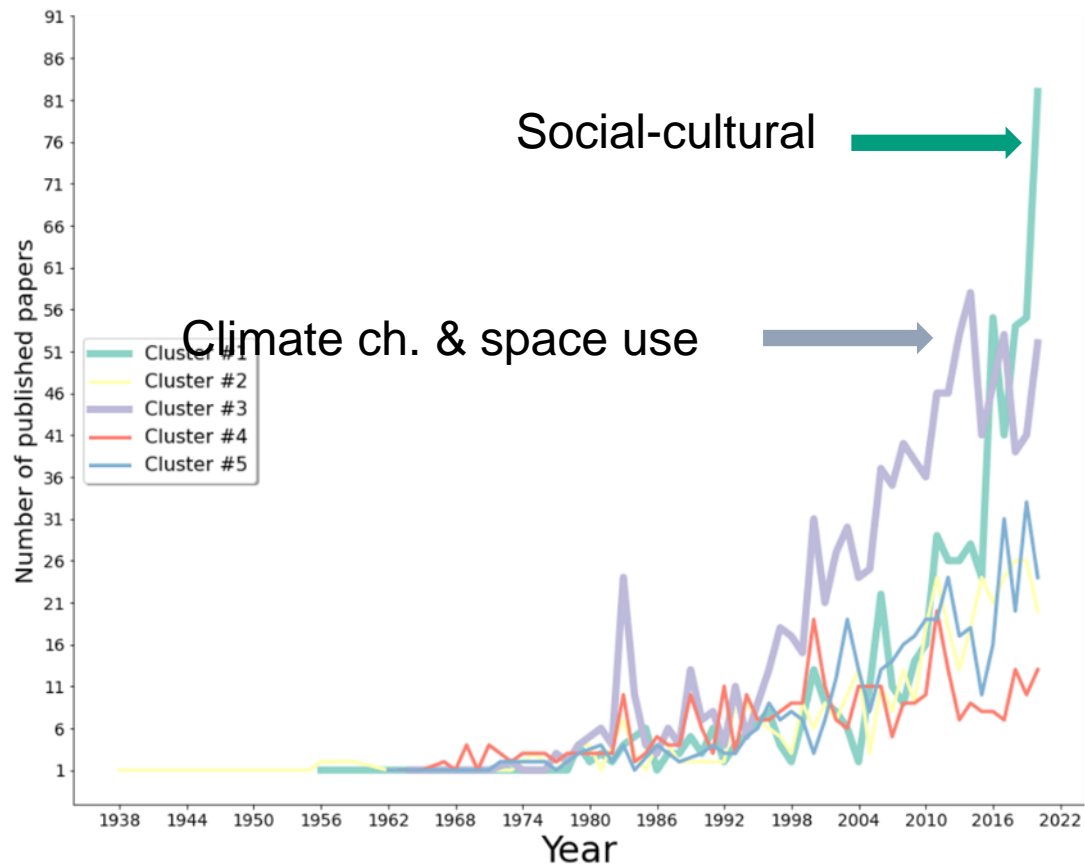
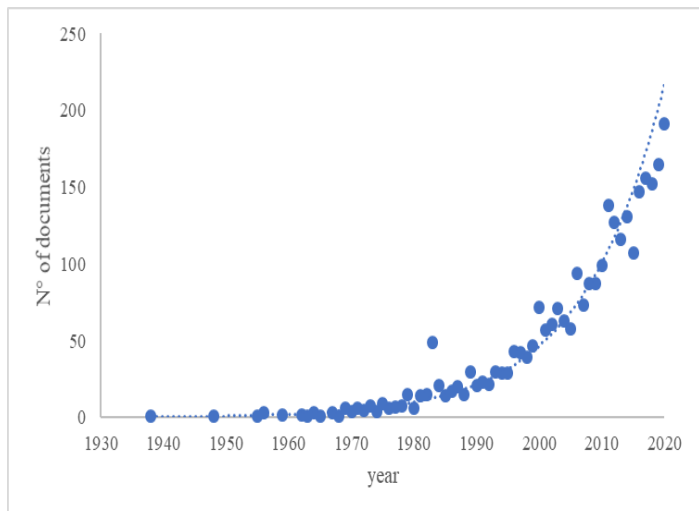
Our Application - a comparative starting point



Conceptual Differences



Scientific literature - explosion - limited integration

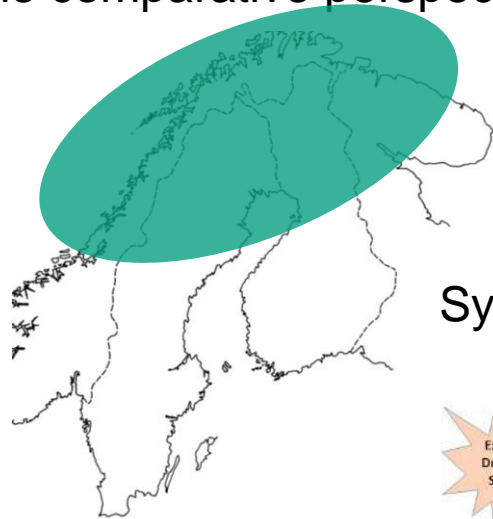


Noors Slott II workshop, April 2019

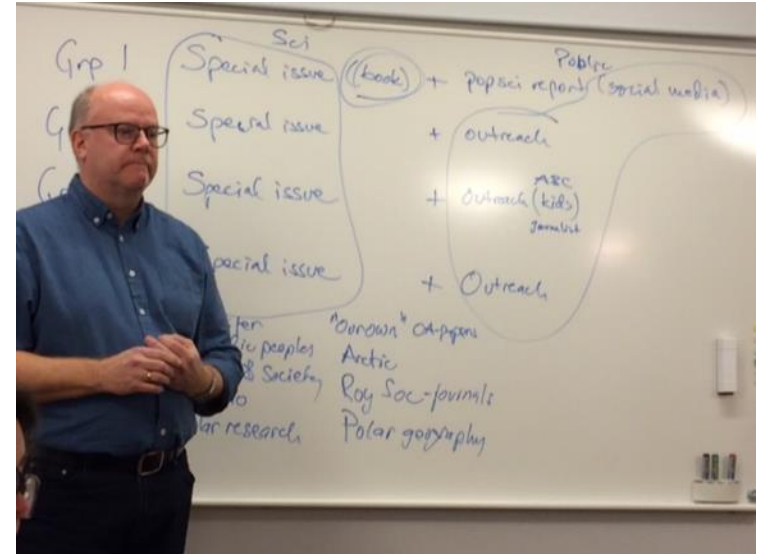
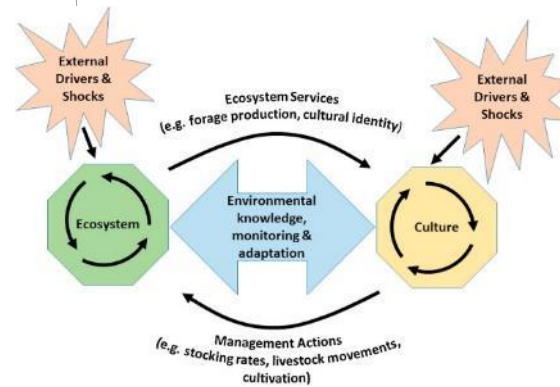


Sustainable RP in a changing North

The comparative perspective in focus



System approach



The book – the framework



Reindeer Husbandry and Global Environmental Change: Pastoralism in Fennoscandia

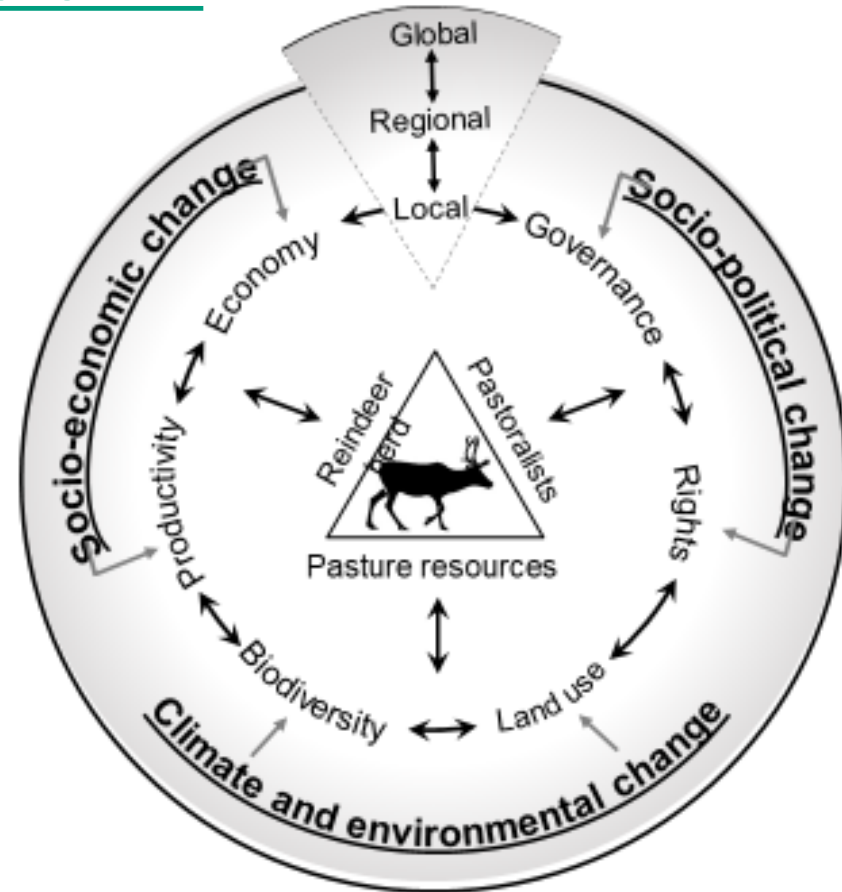
Edited By

Tim Horstkotte, Øystein Holand, Jouko Kumpula & Jon Moen



In press, exp. release.: May 2022

OA



I'll focus on the book and a couple other highlights



Later today

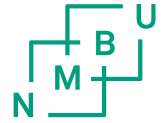
Senior Scientist Antti-Juhani Pekkarinen, Luke

“Bioeconomics of reindeer husbandry in Fennoscandia”

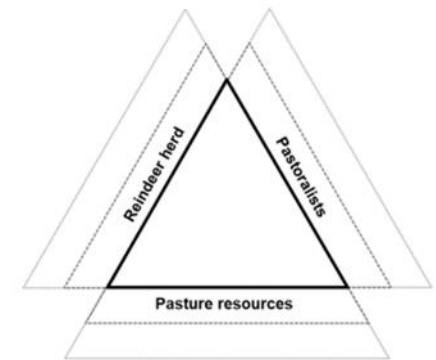
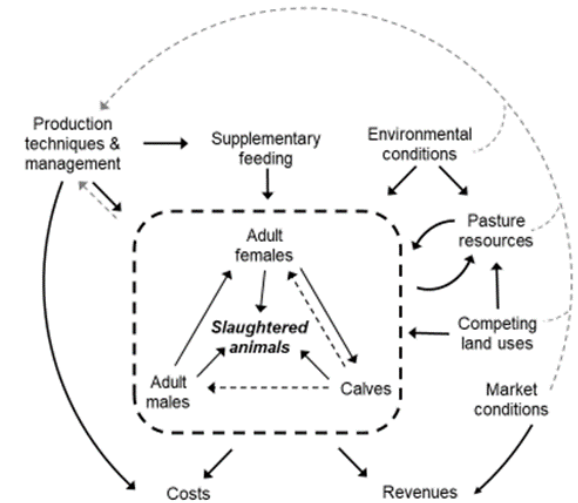
Researcher Annette Löf, SLU

«Unpacking reindeer husbandry governance in Sweden, Norway and Finland – a political discursive perspective”

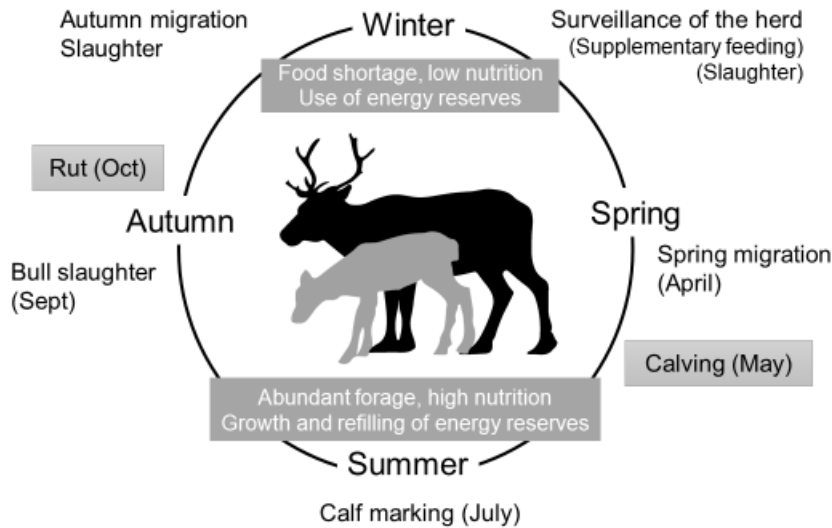
What is reindeer pastoralism?



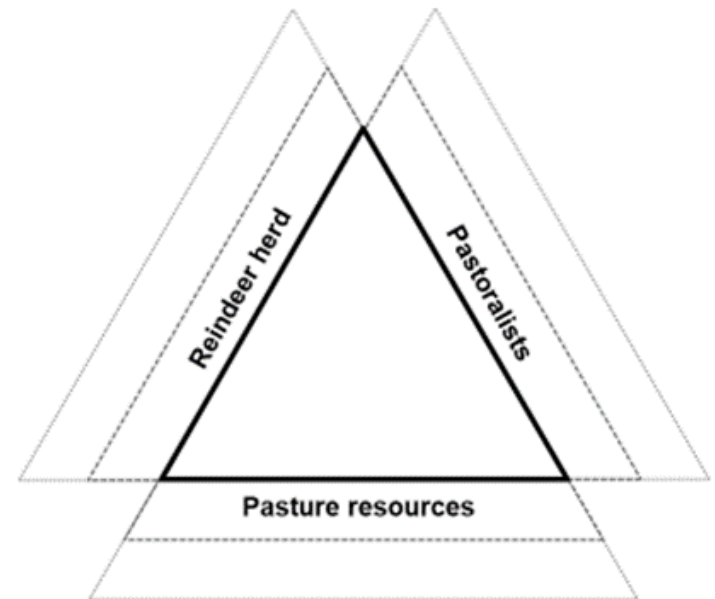
A SES for what - for whom?
Meat production,
Ecological services
Livelihood
Way of life



The seasonal «wheel»

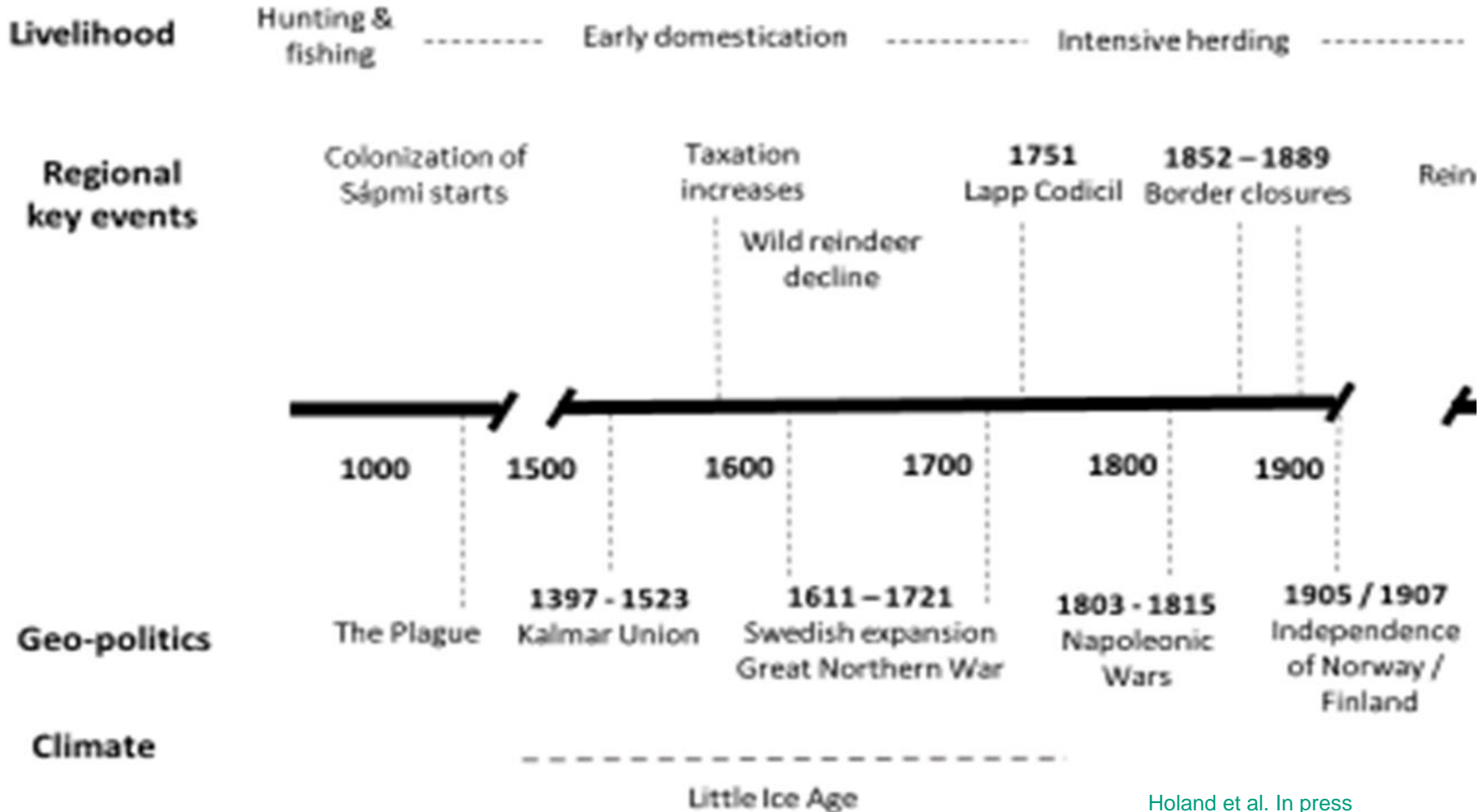


Skarin et al. in press



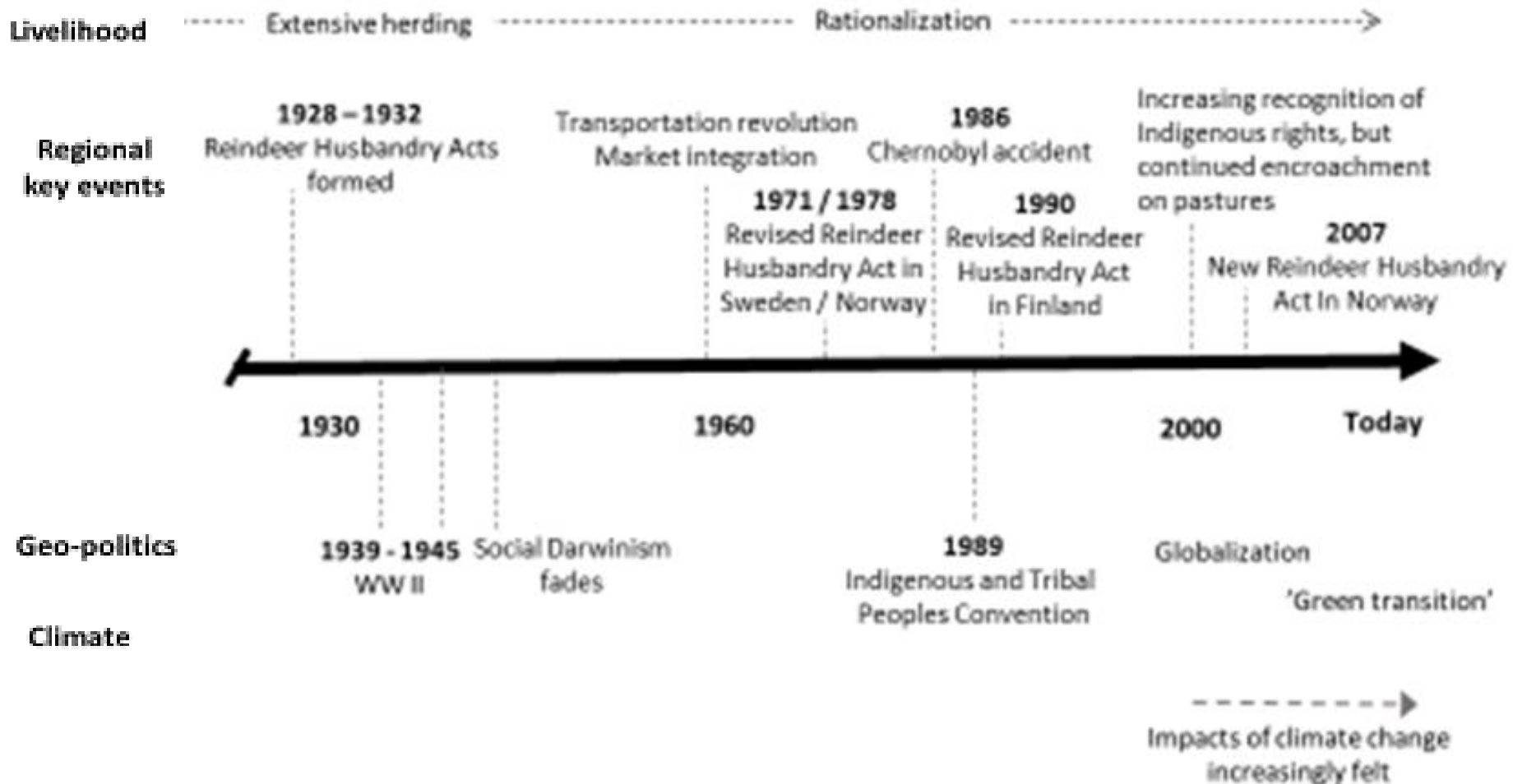
Holand et al. In press

The Past I

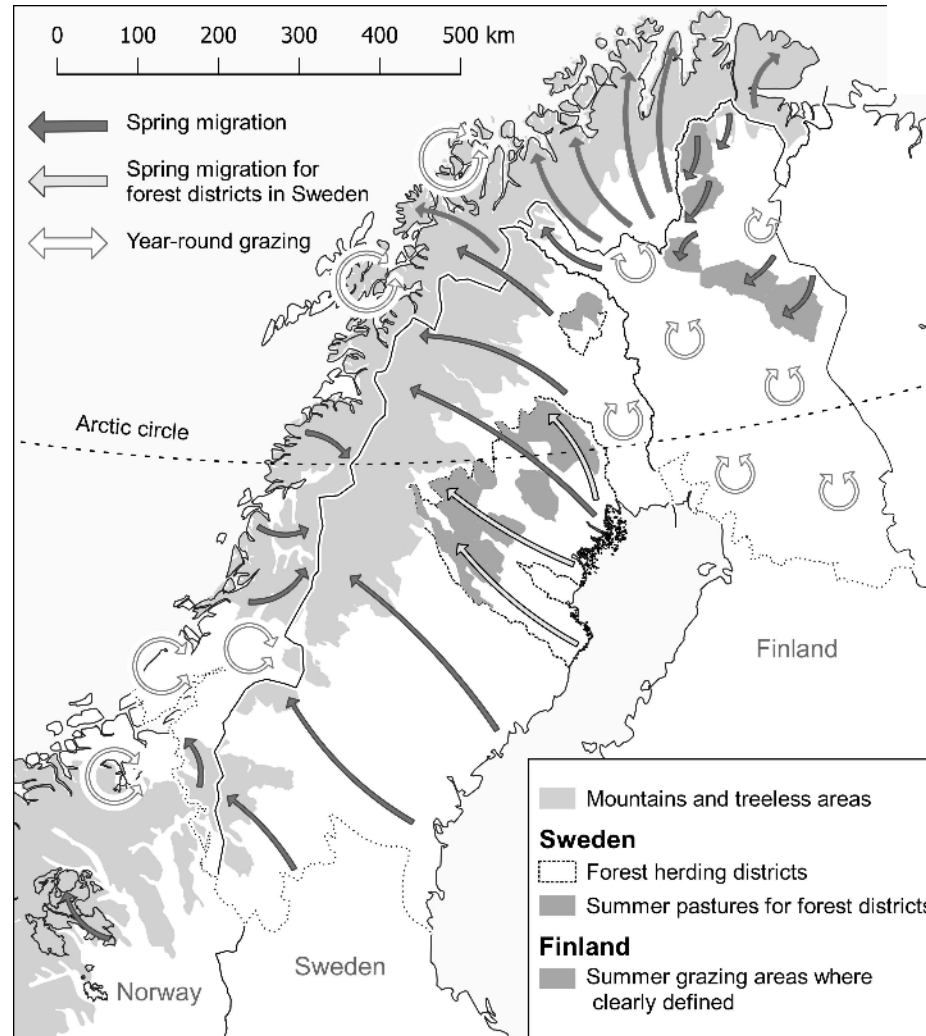


Holand et al. In press

The Past II

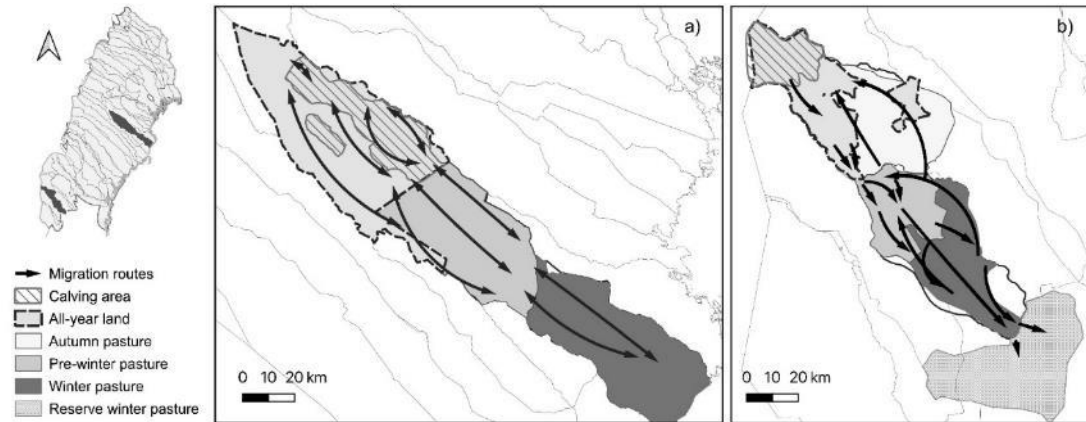
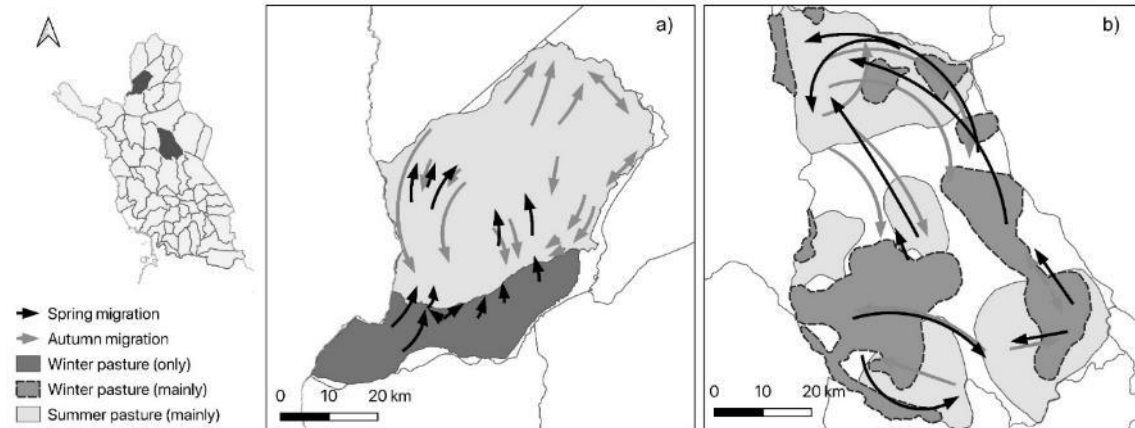
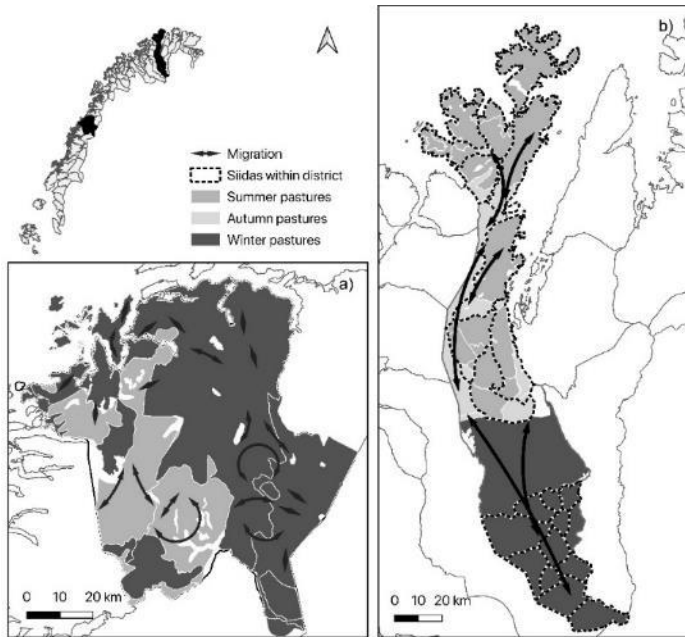


Between country mgt variation



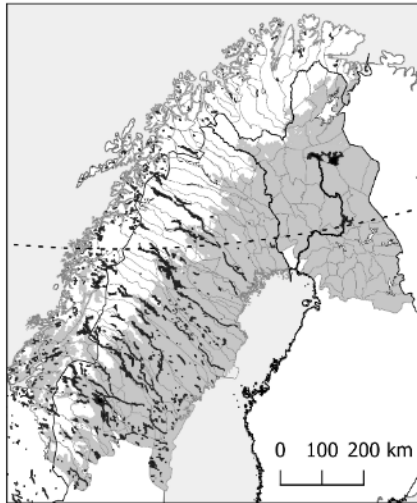
Holand et al. In press

Within country variation



Skarin et al. In press

The green shift – green colonialism?



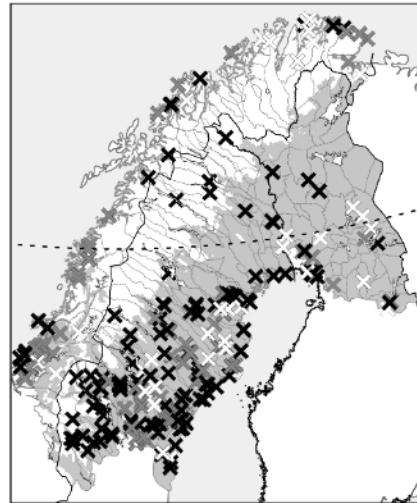
Hydropower

■ Dammed rivers and lakes

Vegetation zone

■ coniferous forest

□ mountain areas

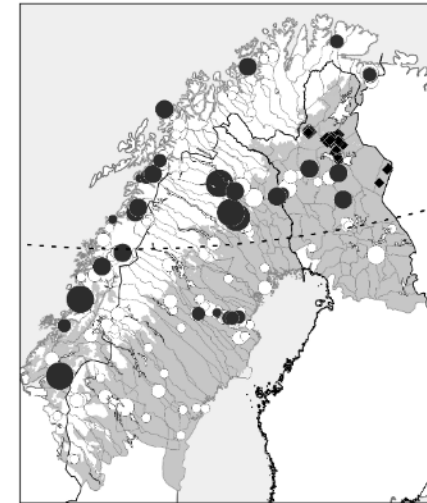


Wind power development

× in operation

× planning finalized

× under assessment



Mines

● Active mine

○ Closed mine

◆ Gold panning
in Finland

Mine size

○ < 5 Mt

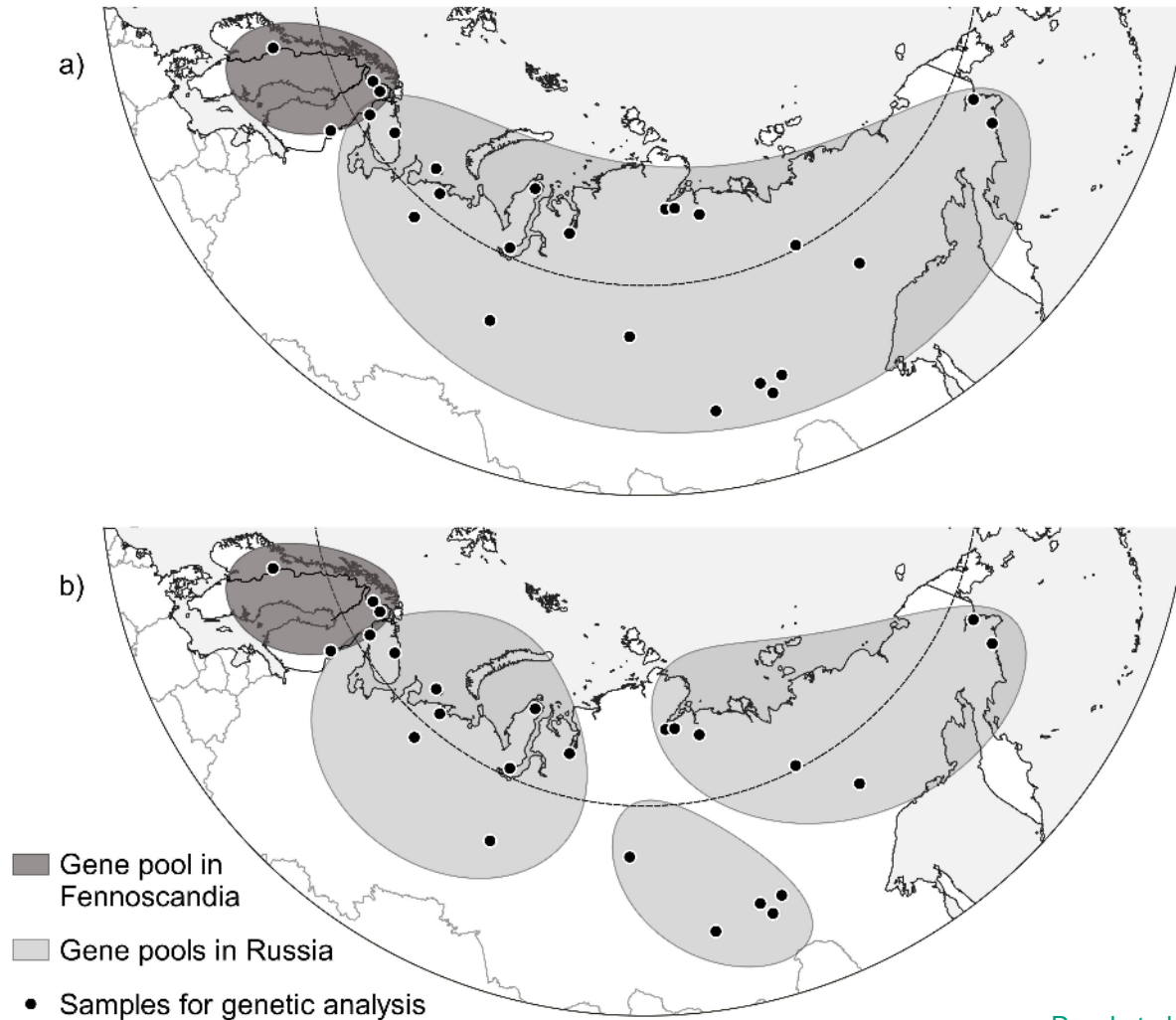
○ 5 - 75 Mt

○ 75 - 1,300 Mt

○ > 1,300 Mt

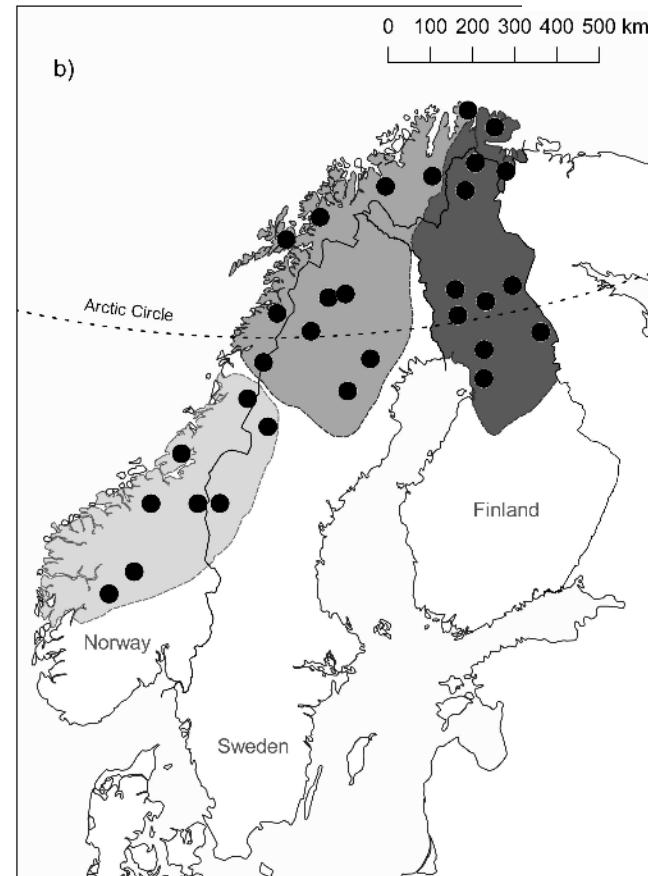
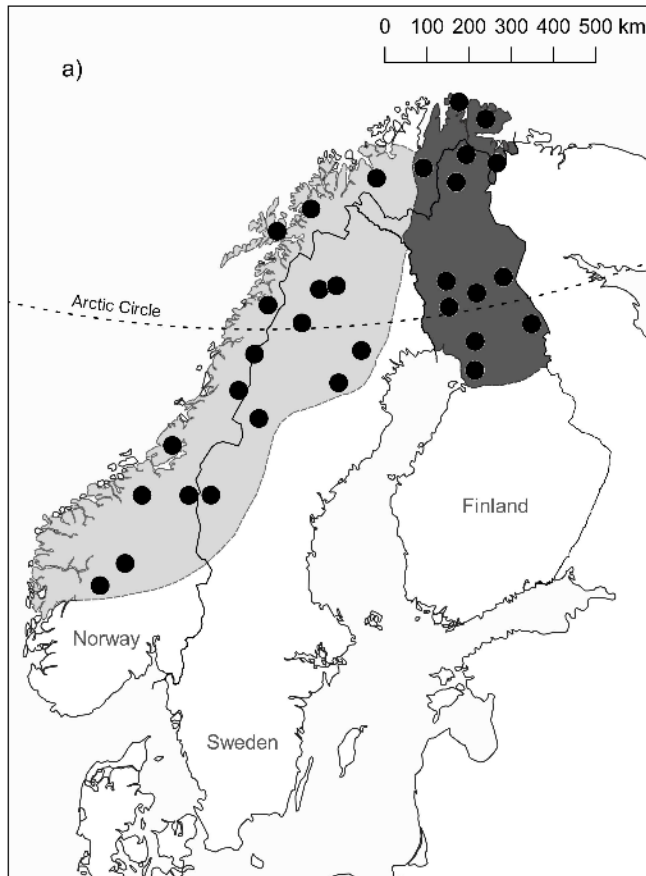
Horstkotte et al. in press

Eurasian genetic pools



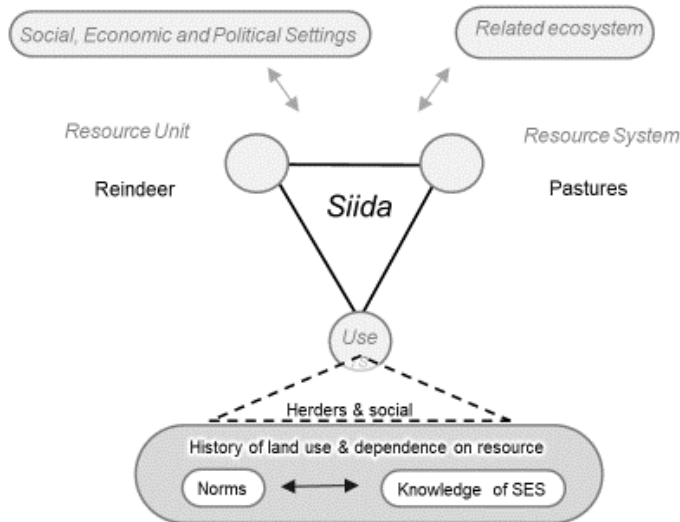
Røed et al. 2021, in press

Fennoscandian close up

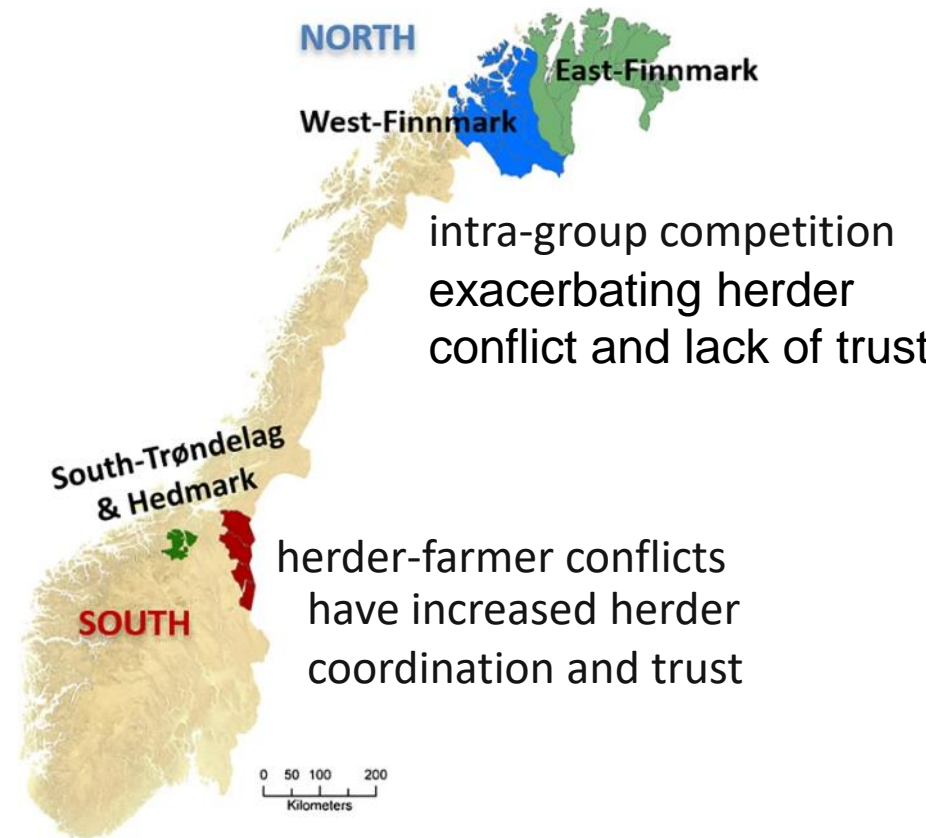


Røed et al. 2021, in press

Minimizing risks – two different strategies

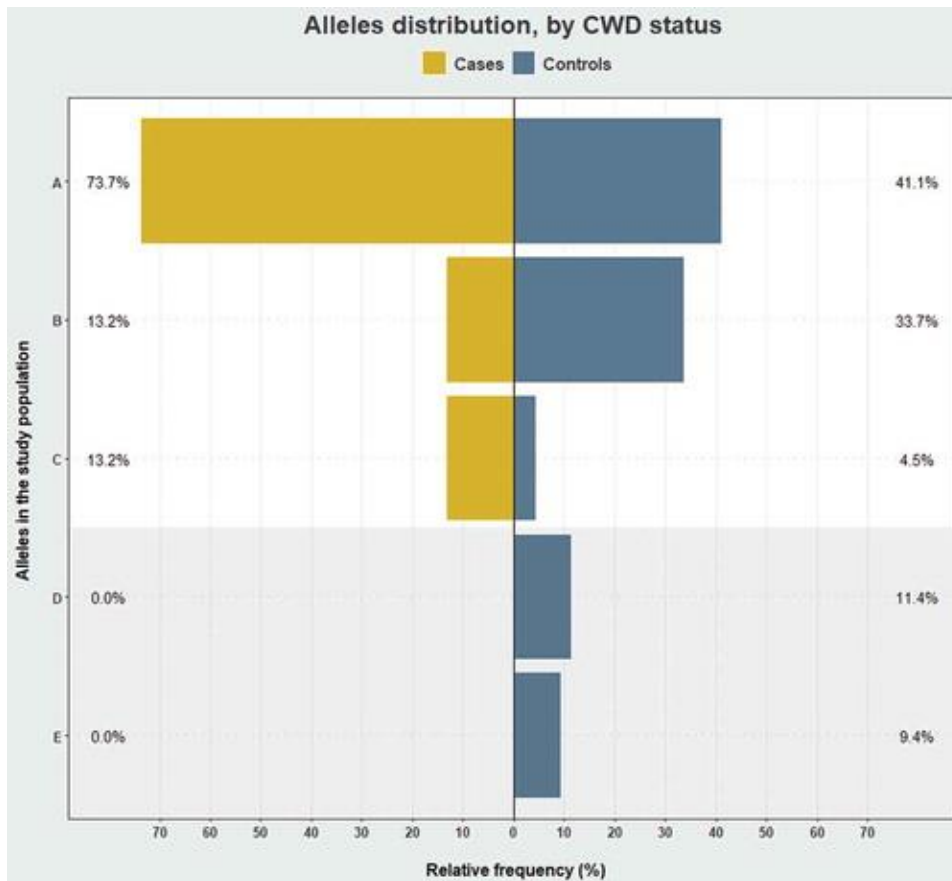


Horstkotte et al. in press



Næss 2020

CWD outbreak in a wild reindeer population in 2016 – action taken



[Güere et al. 2019](#)

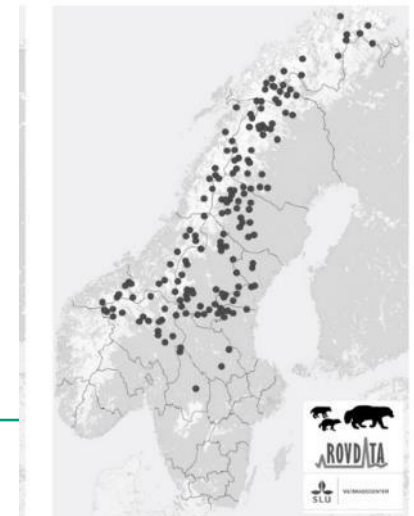
Several «Elephants» in the room



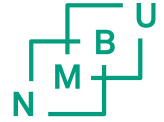
- Energy
- Subsidies
- Bureaucracy – regulations
- Supplementary feeding
- Sámi Parliaments' role
- Predators - International conventions
- Sámi rights
- Sámi cooperations



c



The covid setback



Especially for communication and participatory research



Jokkmokk Winter Fair 2021 & 2022, herder seminar and public events
– hopefully in 2023

Plan for a popular and well-illustrated OA and printed report in Norwegian, Finnish, Swedish, South and North Sami - summarizing the most interesting themes presented in the Routledge book and from the project aiming at reindeer herders and stakeholder

Thanks!



M. Nieminen