

GPS data from sheep – a new field of knowledge

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Radiocollars in Norway



- total nr collars on sheep ca 100 150 000
- 50 100 mill positions/season









Meråker farmer grazing group

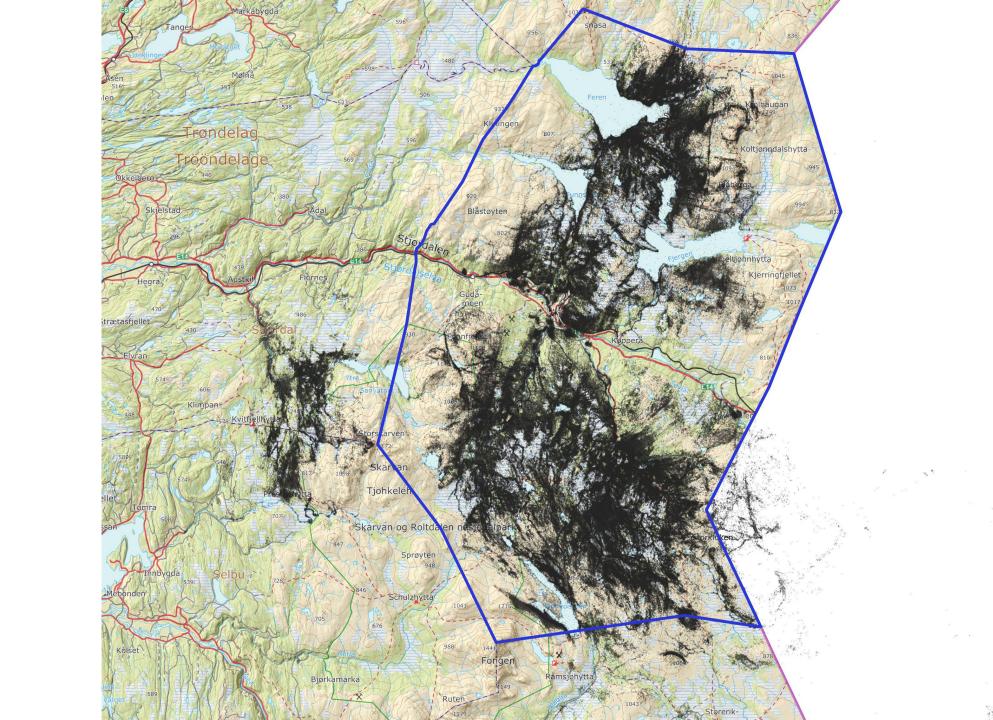
https://kilden.nibio.no



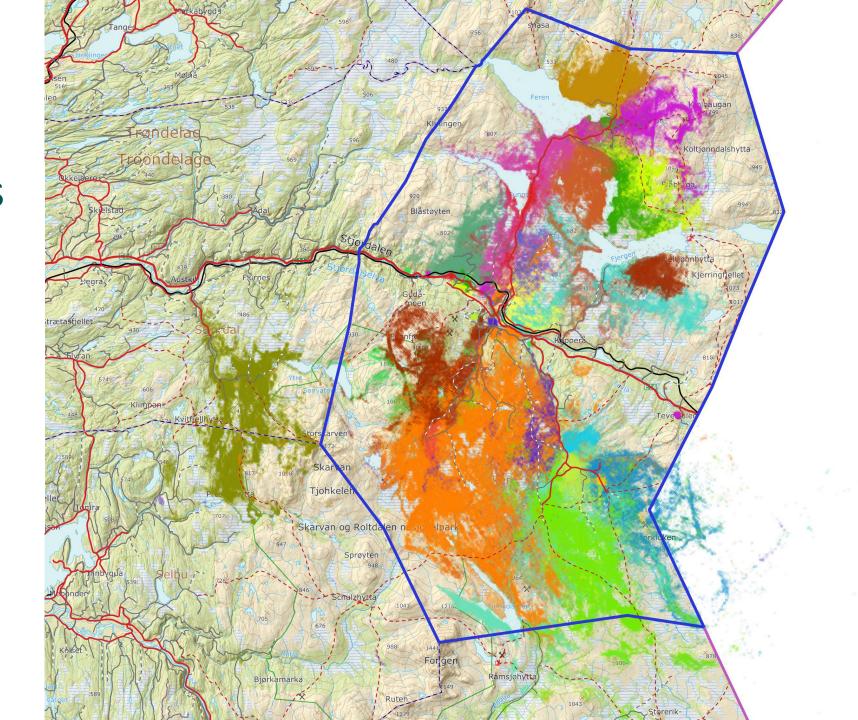


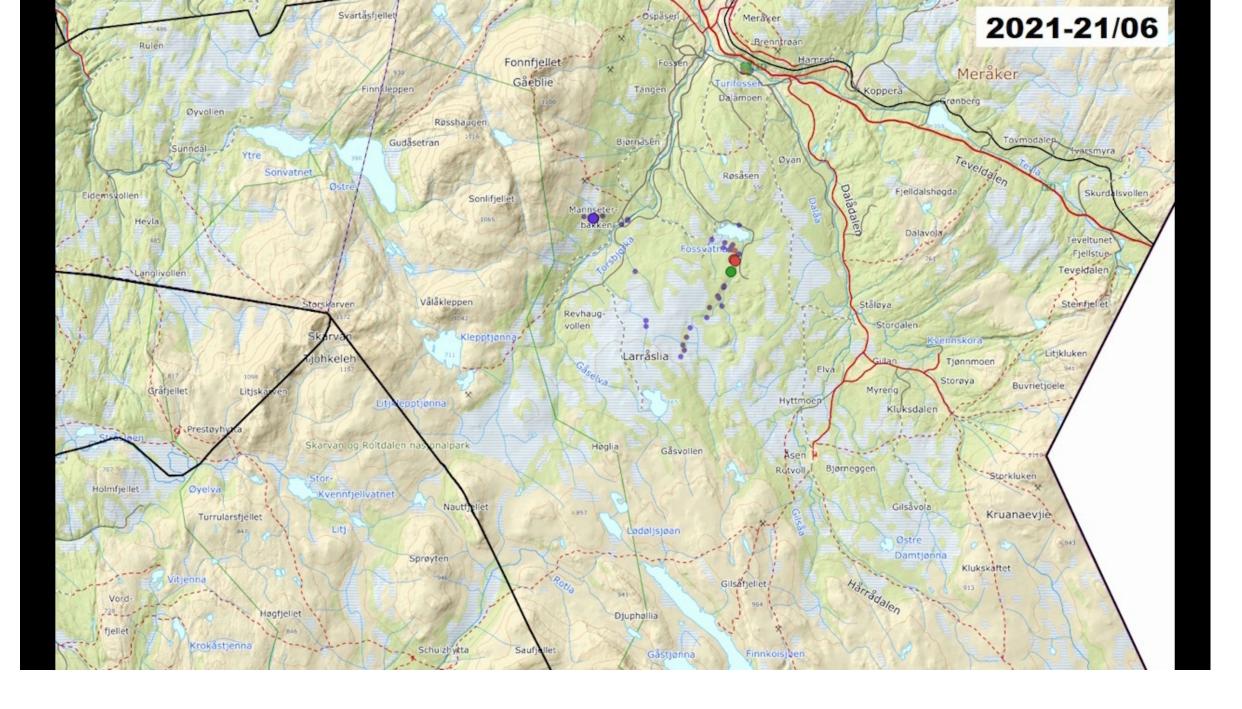






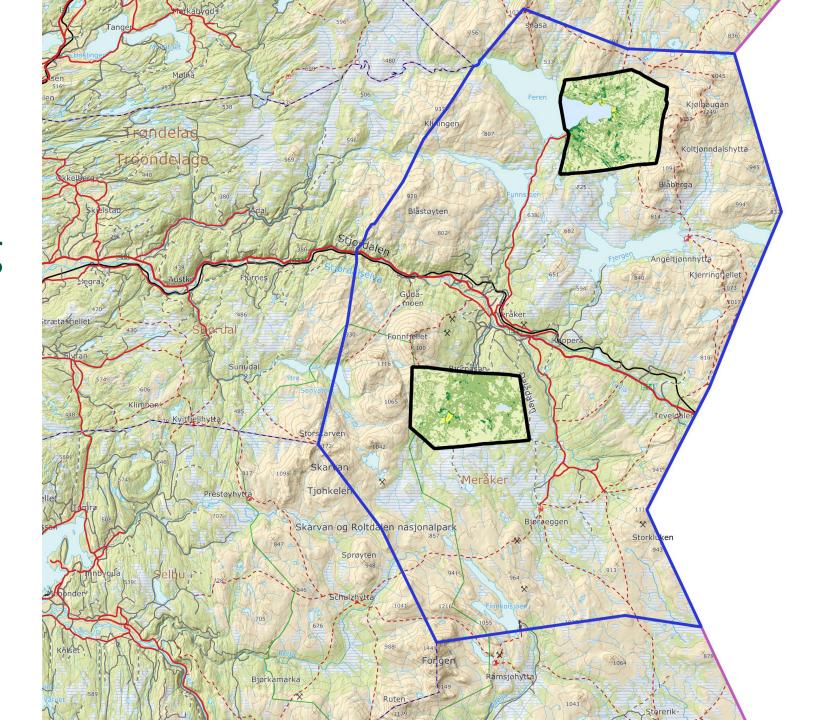
Each farm with its own colour

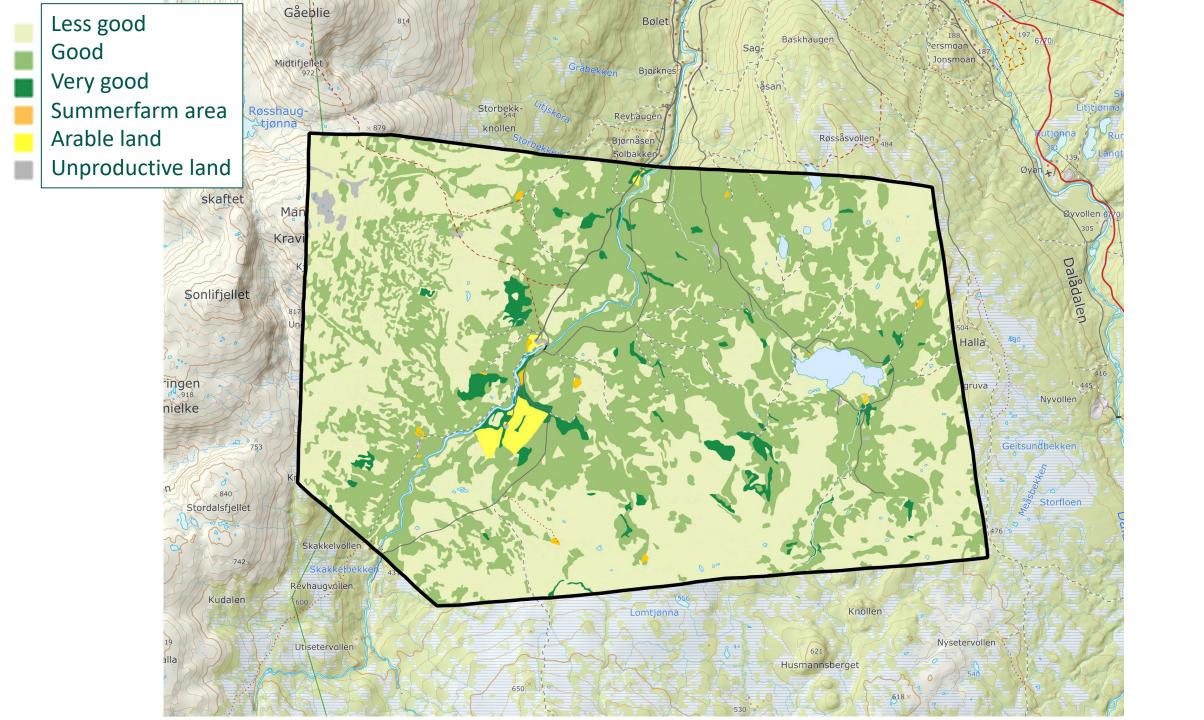


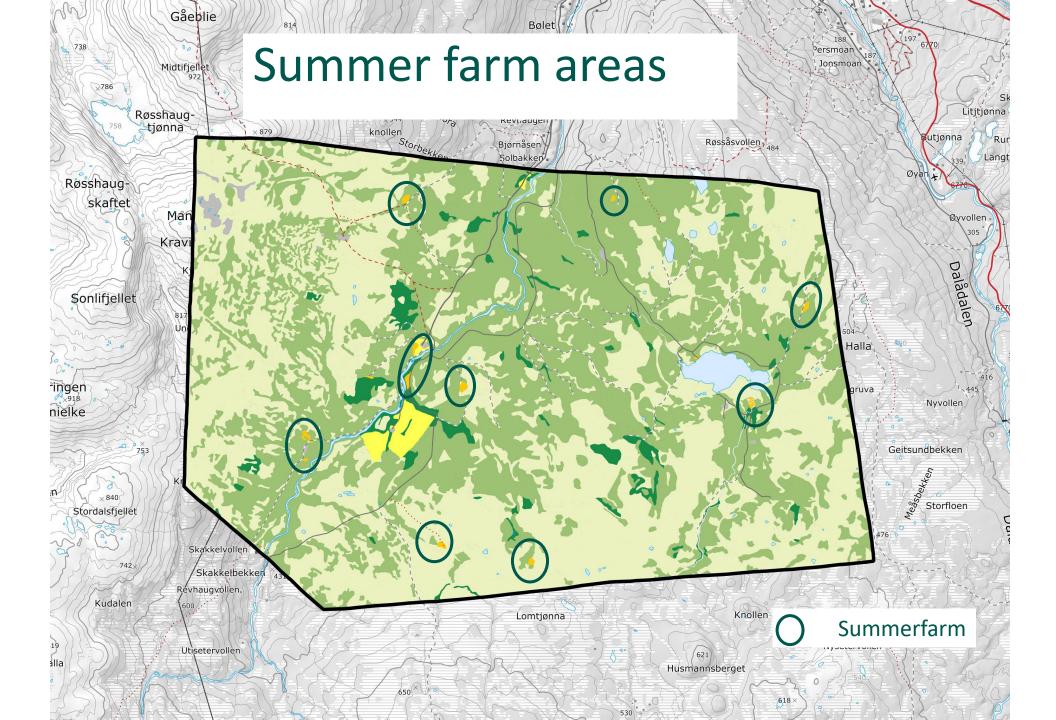


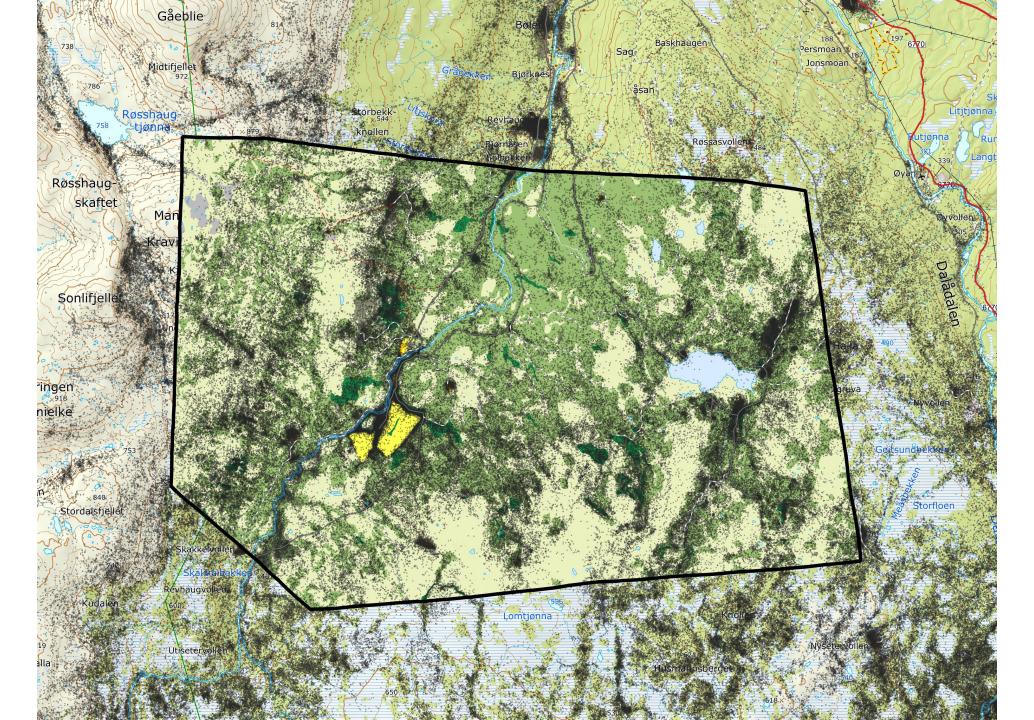
Feed quality of rangeland grazing land from vegetation mapping

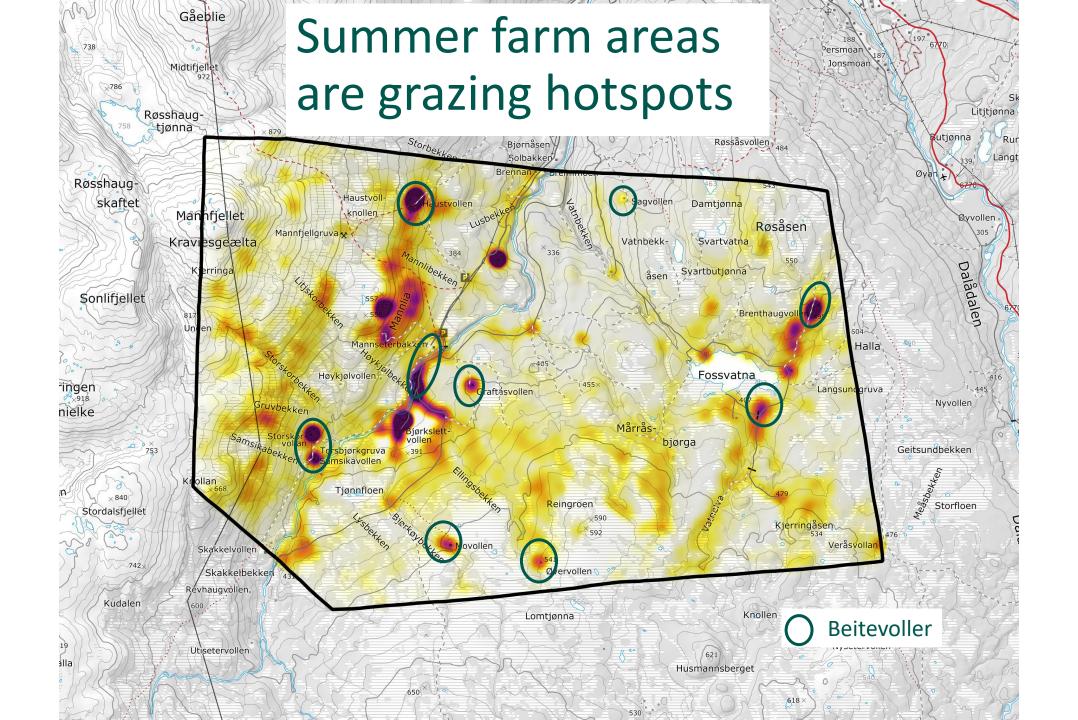
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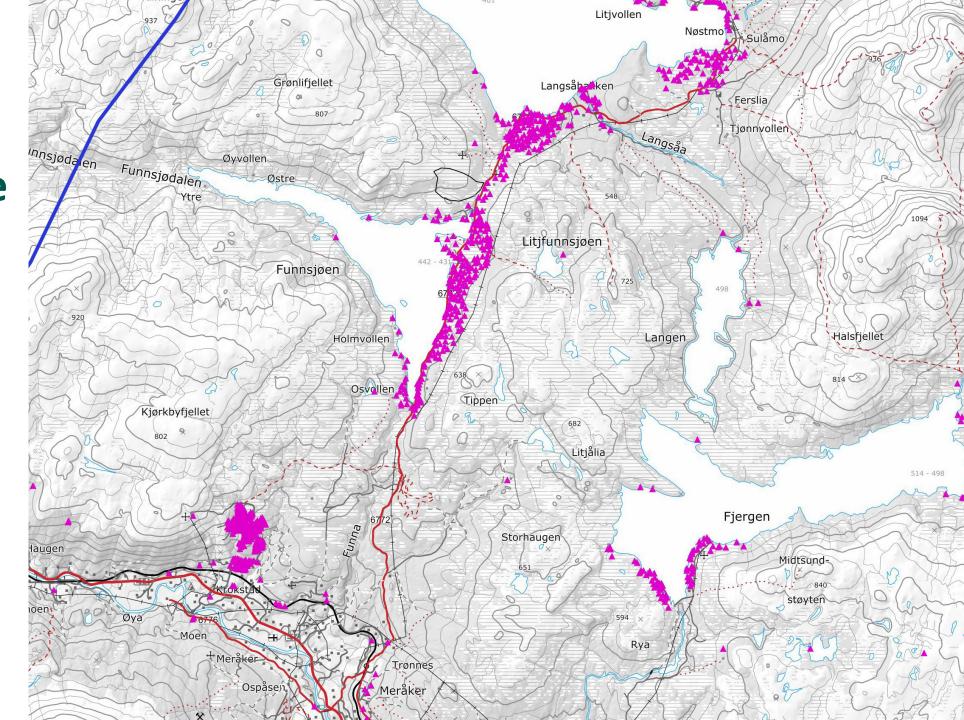






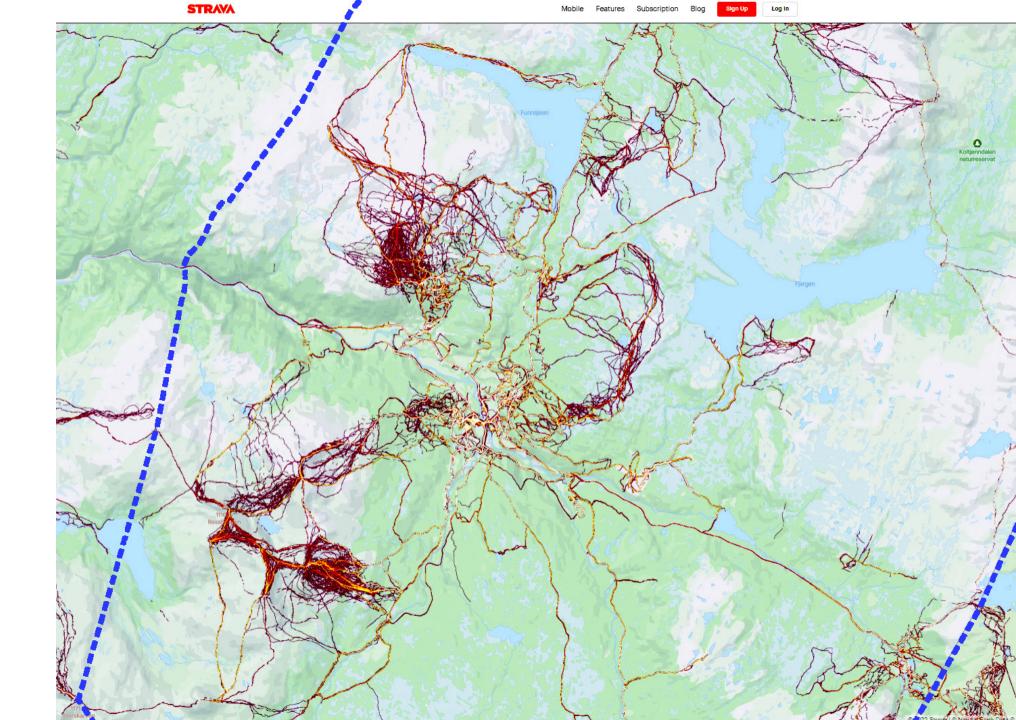
Cabins and summer house building:

Impact /
conflicts with
rangeland
grazing
practices?



Recreation activity:

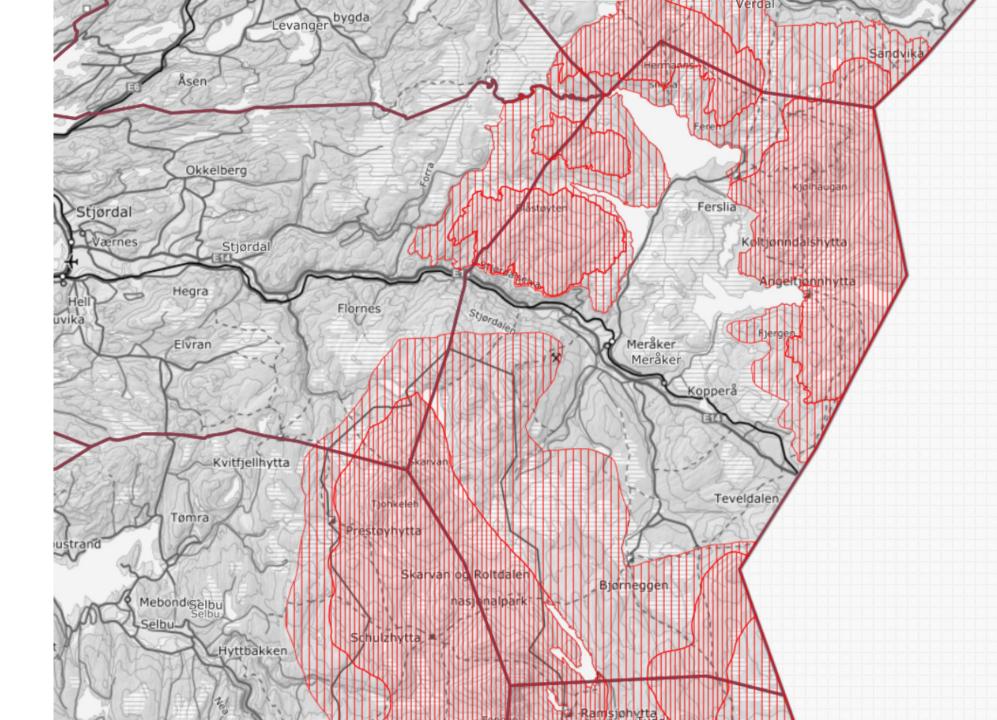
Impact on grazing livestock?



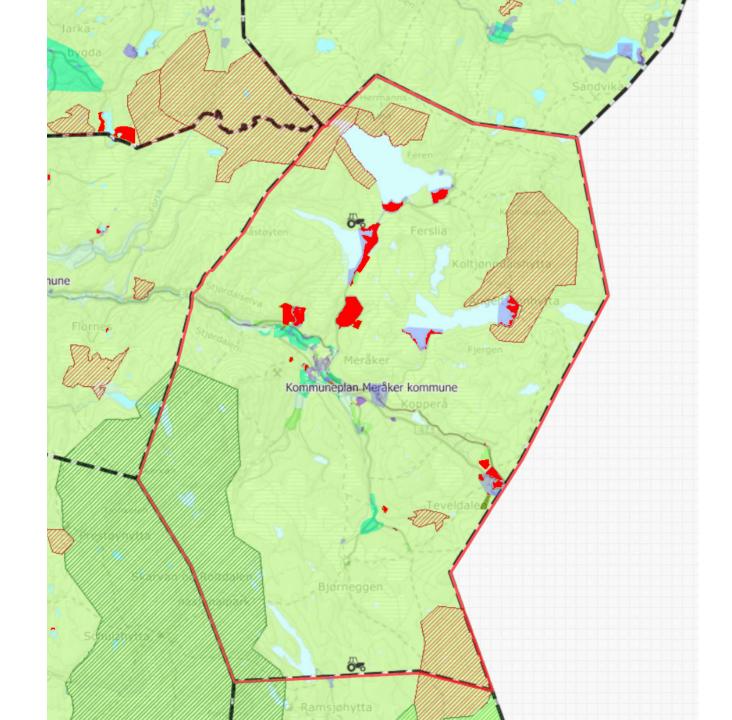
Forestry



Reindeer farming



Area planning municipality



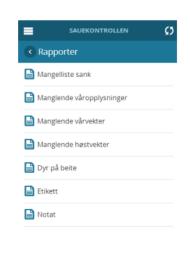
The Norwegian Sheep Recordning System (NSRS)

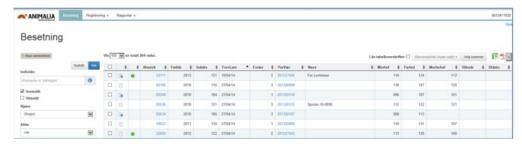


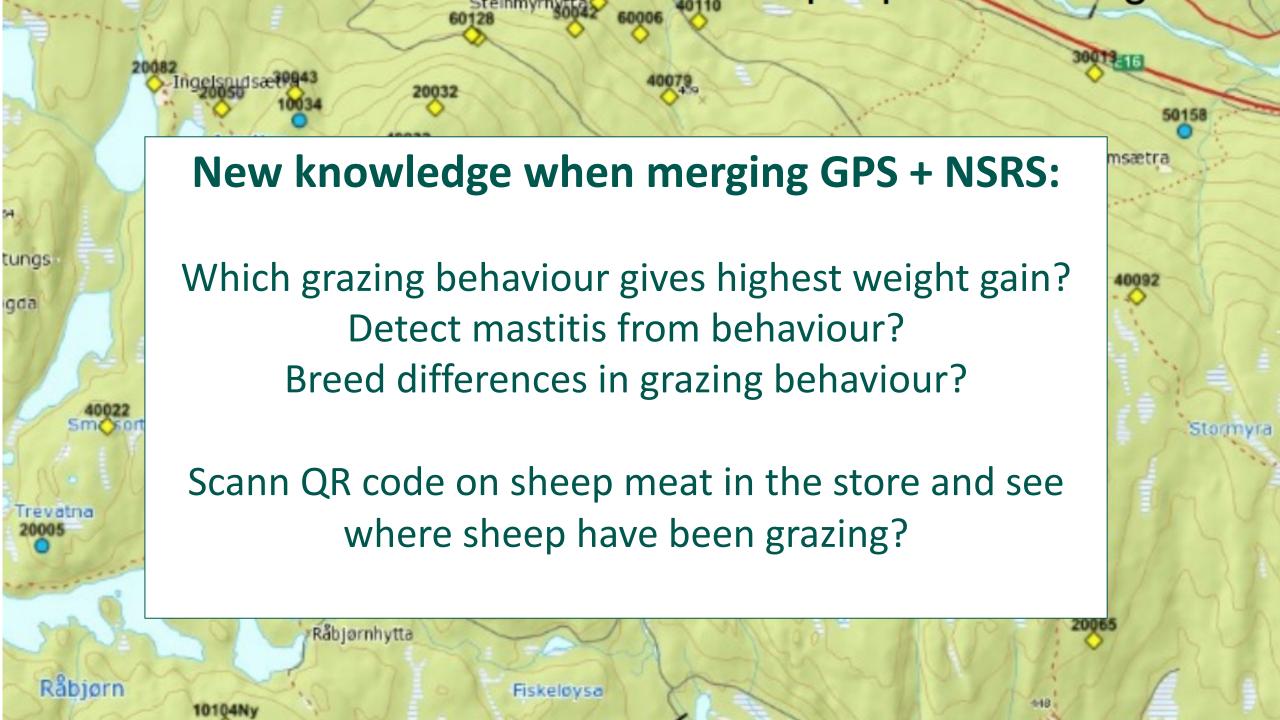












GPS collar data:

- Attention and overview in grazing season
- Tool for farmer
- Documentation of land use

Meråker farmer grazing group:

- Common work on running of the GPS collars
- Superusers digital 'herders'
- Routines for information and alerts
- Same data frequency from all GPS collars

Collaboration is key to success!



Oddbjørn Kaasa, Meråker farmer grazing group

Michael Angeloff, NIBIO Lise Grøva, NIBIO







