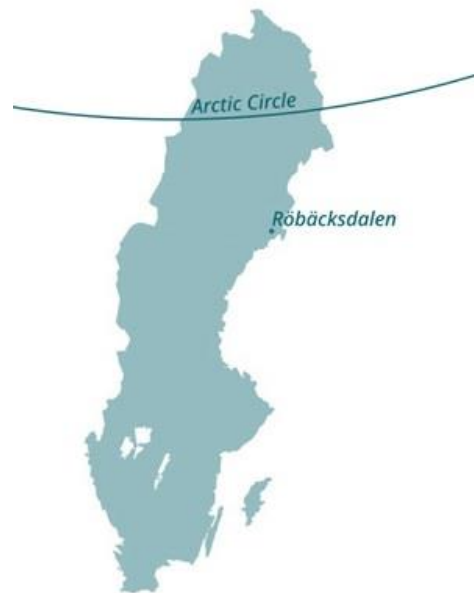




SCIENCE AND
EDUCATION **FOR**
SUSTAINABLE
LIFE

Cybergrass sampling Sweden 2021/2022

Sanna Bergqvist, David Parsons, Julien Morel, Benjamin Bollhöner
and Junxiang Peng



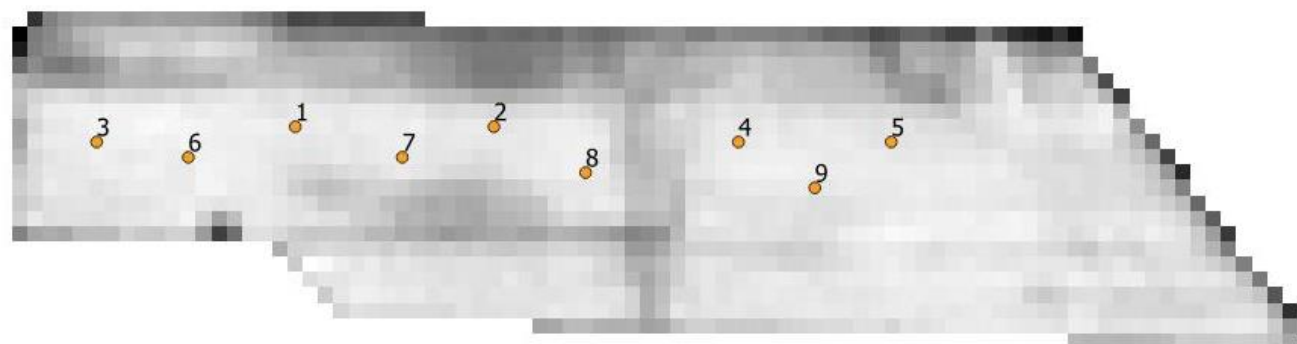
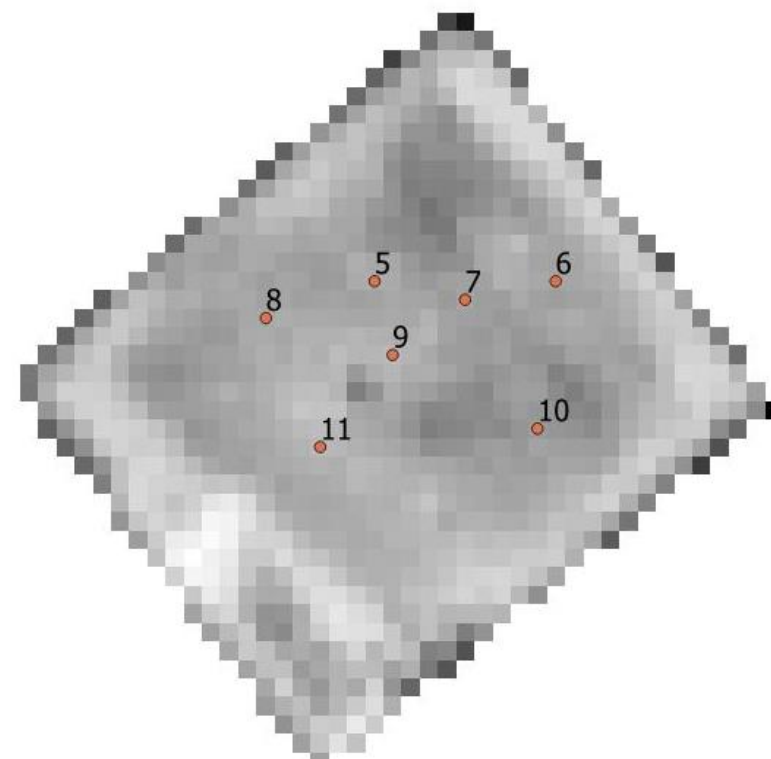
Sampling

- 2021
 - 2 fields
 - Harvest 1, two sample dates
 - Harvest 2, three sample dates
 - Harvest 3, one sample date
- 2022
 - 3 fields
 - Harvest 1, three sample dates
 - Harvest 2, two sample dates
 - Harvest 3, four sample dates



Choosing pixels for sampling

- NDVI using satellite images
 - 10x10 m
- Two pixels sampled per field and sampling date
 - Three quadrats per pixel



Biomass

- Strips for biomass estimation
 - 5 meter long strips
- Quadrats 50x50 cm cut at 8 cm height



Samples for quality

- Yara N sensor
- Botanical composition
- Samples were analysed using wet chemistry



Geese invasion...



Hard at work



Contact

Email: sanna.bergqvist@slu.se

Phone: +46907868726