

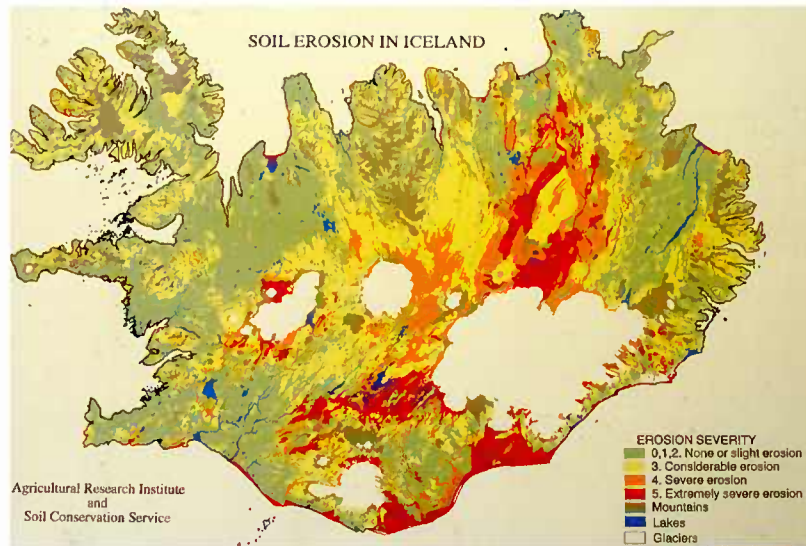






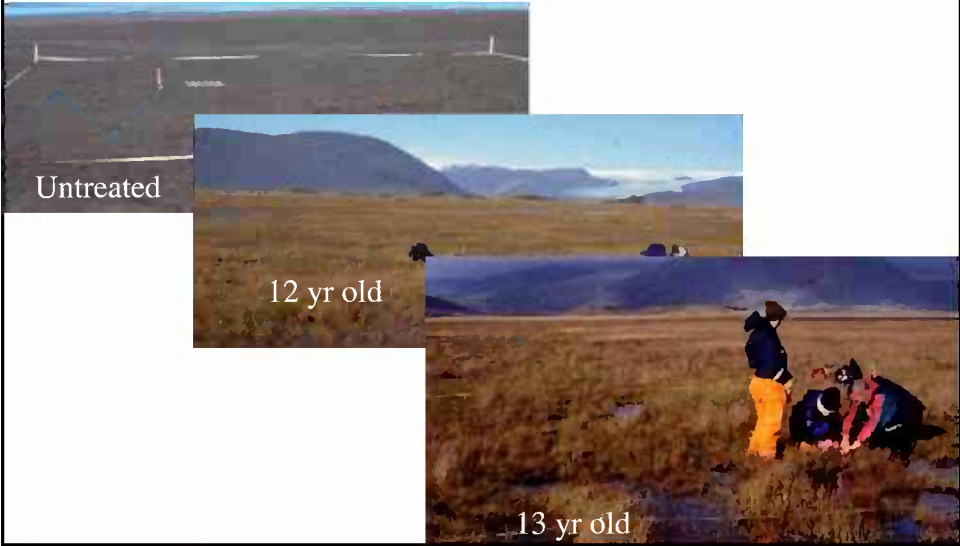


## Serious erosion in 40% of Iceland





# SE-Iceland: lowland Seeded grasses











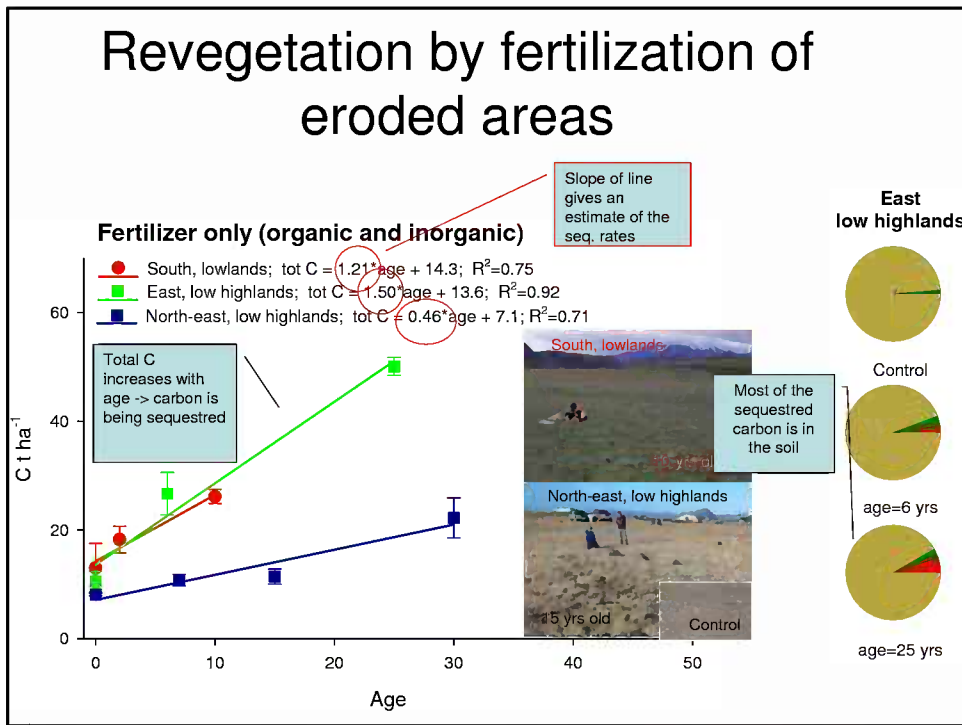




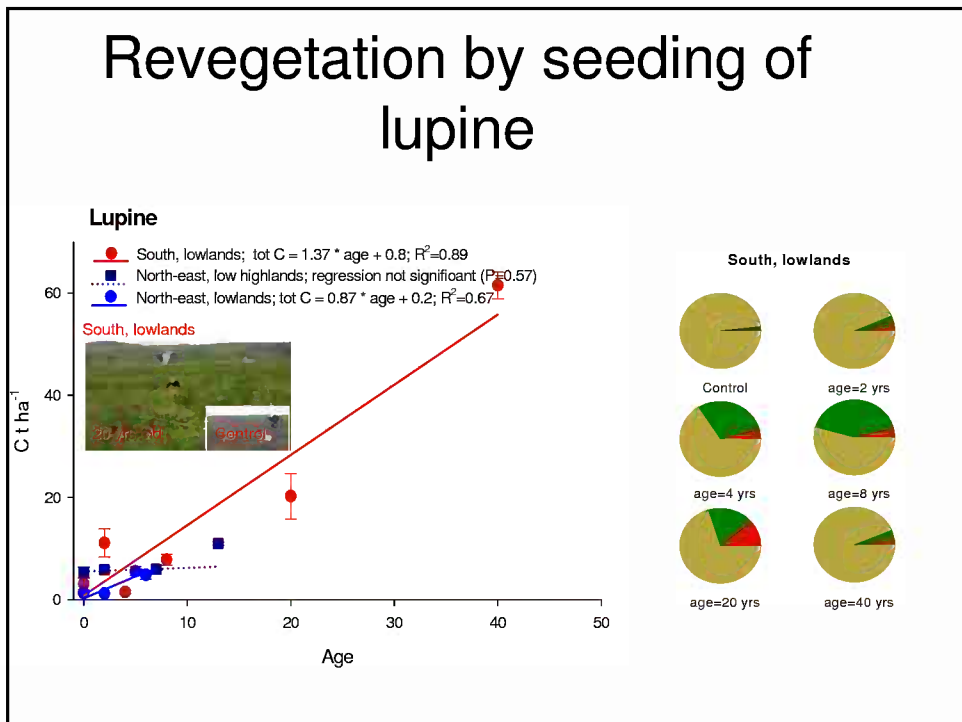
## Governmental effort to sequester carbon 1997-2000

- Reclamation projects
- Afforestation projects
- Research to document carbon sequestration

# Revegetation by fertilization of eroded areas

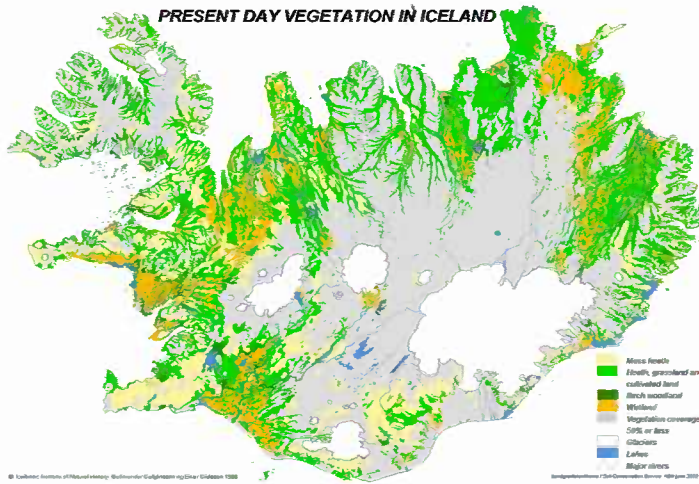


# Revegetation by seeding of lupine





# Present vegetation conditions



Icelandic deserts cover about 40000 km<sup>2</sup>, or about 40% of the country.

With additional 10000-15000 km<sup>2</sup>, of disturbed areas with limited plant production.

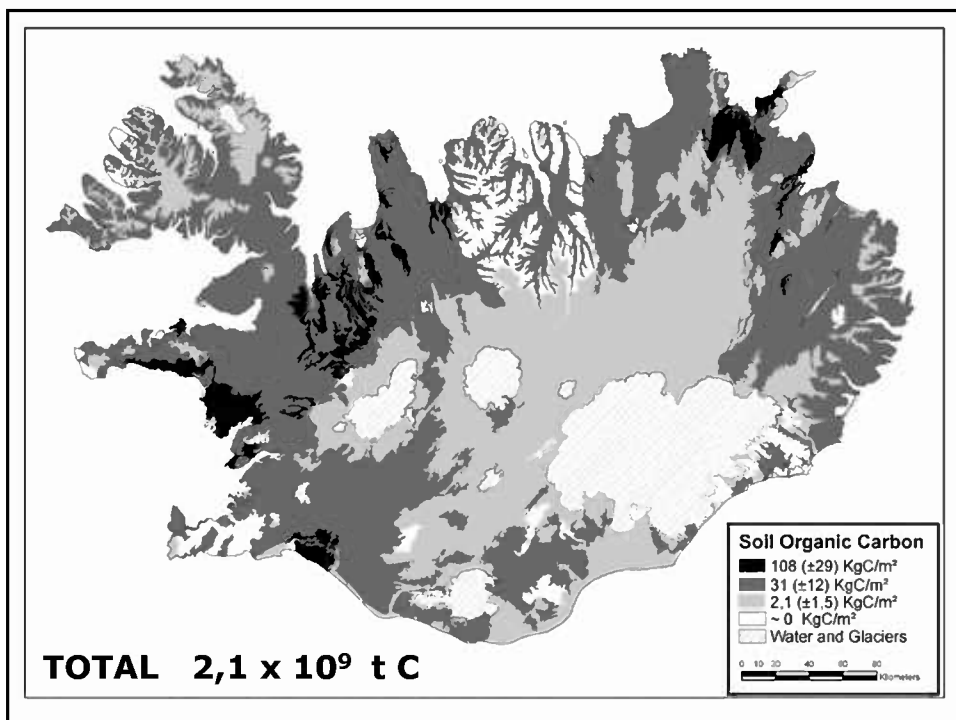
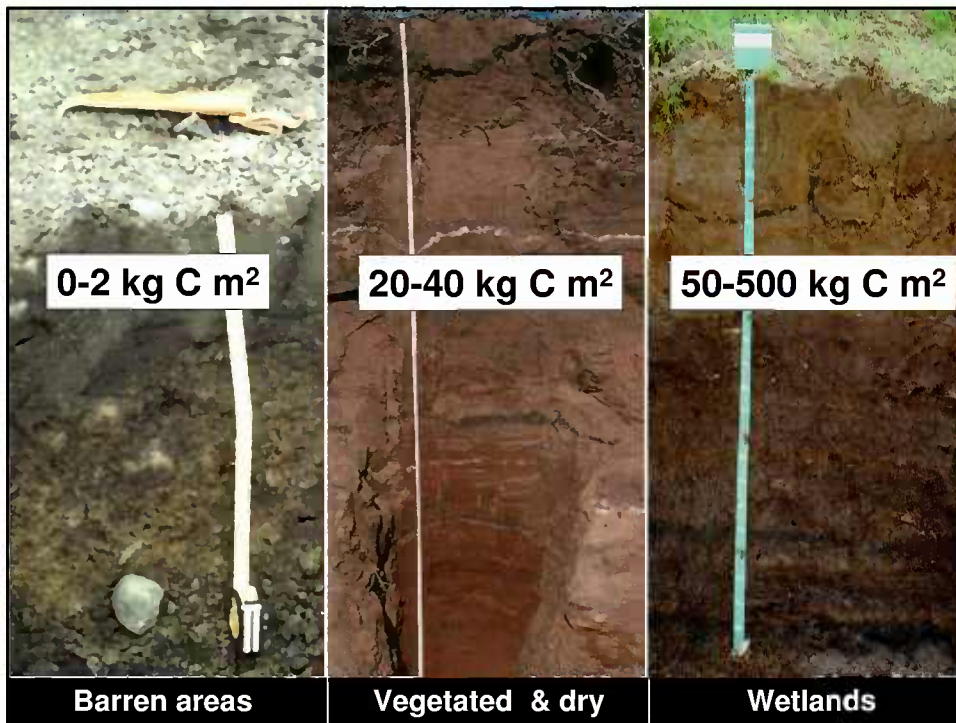














## Summary

- Afforestation and land reclamation are promising methods for CO<sub>2</sub> sequestration
- Emission from drained wetland and overgrazed heaths is considerable
- It is interesting to explore the possibilities inherent in incentives to reduce emission from these categories of land