

Climate change impact on Greenland and what is being done





- Population 55.000
- Area total: 2,166,086 sq km
- 410,449 sq km ice-free, 1,755,637 sq km ice-covered. 2000 est.

Impact of the climate change to the geography of Greenland

- Melting of the permafrost
- Melting of the ice cap/glacier
- No, or fragile sea ice in Northgreenland

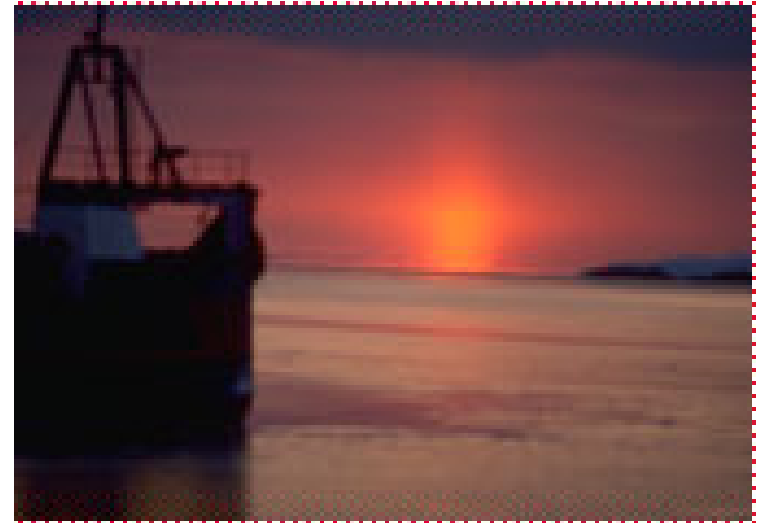


Impact of the climate change to the infrastructure of Greenland

- Melting of the permafrost impacts
 - The buildings build on permafrost
 - The roads and airport runways
- No sea ice or fragile sea ice
 - Connections between villages broken
- The warmer sea warms up the weather
 - The instable weather impacts the air traffic

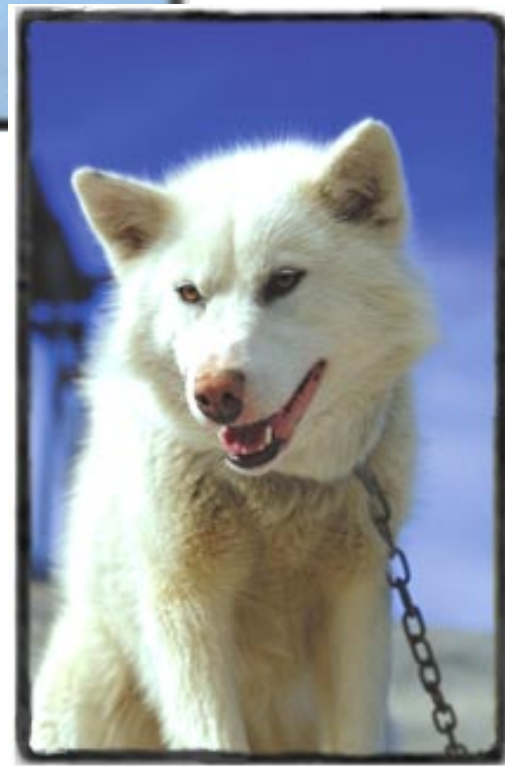
Impact of the climate change to the biology of Greenland

- Changing of the species in fishery
- Growth of agriculture



Impact of the climate change to the culture of Greenland

- Change in technology and culture in fisheries, with new species to catch
- Growth in agriculture
- The traditional culture of the hunter is threatened
 - The species changes, needs new technology
 - The dogsledge might disappear



What is being done in Greenland?

- The Nature Institute of Greenland
- Asiaq – Greenland Survey
- ARTEK – Arctic Center of Technology
- ICC and KNAPK
- The Home Rule

