

# Climate Change and Health Impacts of Infectious diseases in the North.

Danish Polar Centre  
Copenhagen, Denmark

September 19, 2011

# Agenda

- Introductions
- Background to the meeting
  - Climate related outbreaks..
    - Puumalavirus Sweden
    - *V. parahemolyticus* Alaska
    - TBE Russia
  - Copenhagen meeting 2010

# Infectious Diseases of Concern

- Circumpolar
  - *Brucella*, *Toxoplasma*, *Trichinella*, Botulism, Tularemia, West Nile virus, Hepatitis E
- Regional
  - Puumalavirus, Tick borne encephalitis; Borreliosis (Sweden, Norway, Finland, Russia)
  - *Echinococcus*, rabies, avian influenza, *Giardia*, *Cryptosporidium* (Alaska)
  - Anthrax, leptospirosis (Russia)



# Summary of potential projects

- Catalog reportable diseases (human and wildlife) by country
- Determine baseline prevalence
- Catalog available specimen banks by country
- Catalog electronic databases by country
- Evaluate WHO data resources
- Consider joint circumpolar meeting with wildlife people

# Summary of potential projects

- Establish an ICS Climate change and infectious disease working group
  - Develop terms of reference
  - Hold meeting in Copenhagen September 2011
  - Plan meeting in Fairbanks at ICCH15 August 5-10, 2012
- Terms of Reference discussion

# Agenda

- Introductions
- Background to the meeting
- Terms of Reference discussion
- Review climate change and infectious disease activities by country