

The Questions

- ***How important are seasonal ranges to caribou and reindeer?***
- ***What causes herds to grow or decline?***
- ***How important are predators?***
- ***How important is human harvest to herd growth or decline?***
- ***How do people respond to change?***
- ***What are commonalities and differences among the herds?***

How important are seasonal ranges to caribou and reindeer?

- What are the relative contributions of different seasonal ranges to fecundity, health, body condition and survival of Arctic calving Rangifer?

What causes herds to grow or decline?

- Is there any common suite of input (habitat) output (demography) variables that indicate direction of herd growth?

How important are predators?

- In what way do predators affect productivity, habitat use and distribution of Rangifer (top down)?

***How important is human harvest
to caribou and reindeer herd
growth or decline?***

- Are human effects on population abundance additive or compensatory?

How do people respond to change?

- What are the patterns of human community response (mitigation, adaptation, transformation) to change in caribou abundance, distribution, fecundity, health, and body condition?

What are commonalities and differences among the herds?

- How consistent, or variable, are habitat conditions, demography, and human interactions among the herds?