

Climate

Slater: Climate forcings on arctic system

Long: Sea-ice loss and feedbacks on climate system

Ocean

Cohen: Snow/ice accumulation (Siberia)

Light: Sea ice trends (pan arctic)

Yang: CS impacts on physical character of upper Arctic Ocean

Zhang: 1°/2° production in arctic ocean

Mahadevan: Wind-Driven Mixing on the Arctic System

Streams

Bowden: Hydro/BGC responses to CS

Deegan: Grayling migration, drought, BMI emergence

Terrestrial

Lloyd: Tree responses to fire

Post: Phenological change impacts on herbivores, invert and mammalian

Bhatt: Sea-ice to tundra veg links. N model

D'Arggo: CS in arctic systems impact on boreal forest growth

Darrouzet-Nard (Weintraub): Plant-soil interactions, N uptake

Human

Goldstein: risk/cost of ice roads

Crate: Phenological Change: Observations, Adaptations, and Cultural Implications

