

Biogeochemistry

Long range pollutant transport to the Arctic.

SAMS is conducting a range of studies in collaboration with the NPI and NILU (Norwegian Air Quality institute) examining the transport of heavy metals (Pb, Cd, Hg) to the Arctic. This links to AMAP objectives.

Impact of seaice transport of contaminants from the Siberian Arctic.

With increased sea ice melting and riverine discharge, considerable concern is developing regarding the transport of heavy metals, POPs and radionuclides to the Arctic. We are collaborating with Norwegian scientists on this anthropogenic impact.