



ISAC

International Study of Arctic Change

www.arcticchange.org

OUR Arctic:

Observing change

Understanding change

Responding to change

The **International Study of Arctic Change (ISAC)** is a long-term, international, interdisciplinary Arctic environmental change research program.

ISAC, initiated by the International Arctic Science Committee (IASC) and the Arctic Ocean Science Board in 2003, is a comprehensive program that establishes:

- (1) a framework for pan-Arctic research, synthesis, planning, and priority-setting;
- (2) promotes linkages, collaboration, information-sharing and dialogue among organisations, governments, and stakeholders including scientists, managers, the private sector, communities, and decision-makers;
- (3) facilitates timely access to scientific information.

ISAC includes three components in its scientific and organisational circumpolar framework for the study of Arctic environmental change and global impacts:



Observing change through comprehensive, international, integrated observing systems, and including monitoring, Traditional Knowledge, and research



Understanding change by analysing the past, present and future through modelling and scientific study, and including drivers and emerging issues for ecosystems, communities and biodiversity



Responding to change through applied knowledge, communicating results, facilitating dialogue, planning mitigation responses and investigating adaptation strategies.

ISAC initiatives include the biannual Arctic Observing Summit, Responding to Change workshops, publications, stakeholder engagement activities, and collaborative projects to facilitate international cooperation, research and data-sharing.



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