

METCALF INSTITUTE FOR MARINE & ENVIRONMENTAL REPORTING
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Skating on Thin Ice: Climate Change at the Poles
September 5, 2014

RESOURCES

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Tools

Canadian Cryospheric Information Network. Polar Data Catalogue.

The CCIN Polar Data Catalogue is a diverse collection of data and metadata generated by polar researchers. It offers detailed maps and renderings that display sea ice extent in various locations and time periods.

<https://www.polardata.ca/pdcsearch/>

Exchange for Local Observations and Knowledge of the Arctic (ELOKA).

Atlas of Community-Based Monitoring and Traditional Knowledge in a Changing Arctic.

The Atlas is a collaboration among the Inuit Circumpolar Council, Brown University, ELOKA, and the Inuit Knowledge Centre. It draws on knowledge of polar communities and cultures and allows for mapping of social and environmental monitoring initiatives. <http://www.arcticcbm.org/index.html#>

National Snow and Ice Data Center. Sea Ice Index.

The monthly Sea Ice Index provides up-to-date daily and monthly records of sea ice extent, concentration, anomalies, and trends over time. The data is displayed in high-quality maps and graphs.

http://nsidc.org/data/seaice_index/

Relevant Organizations/Projects

Arctic Climate Change Emerging Leaders (ACCEL) Fellowship.

Launched by the Atlantic Council and Ecologic Institute in 2014 “to train the next generation of Arctic Ambassadors...” This is billed as an “...opportunity for undergraduate and graduate students, as well as recent graduates, interested in building careers focused on international security, environmental issues, shipping and trade, energy and natural resources, or public relations and diplomacy.”

<http://www.atlanticcouncil.org/programs/young-atlanticist-program/accel-fellowship>

The Arctic Institute Center for Circumpolar Security Studies. <http://www.thearcticinstitute.org/>

The Center for Climate & Security.

Exploring the security risks of climate change. <http://climateandsecurity.org/>

The Encyclopedia of Earth.

Excellent resource of expert-reviewed information to inform initial research on most environmental topics.

<http://www.eoearth.org/>

Kawerak, Inc. <http://www.kawerak.org/index.html>

S.T.R.E.S. (Seasonal Trophic Roles of *Euphausia superba*).

Oceanographers exploring Antarctic krill and polar food web dynamics share their experiences via the STRES blog. <http://krillcruise.wordpress.com/>