

The Timing of Arctic Sea-Ice Advance and Retreat as an Indicator of Ice-Dependent Marine Mammal Habitat





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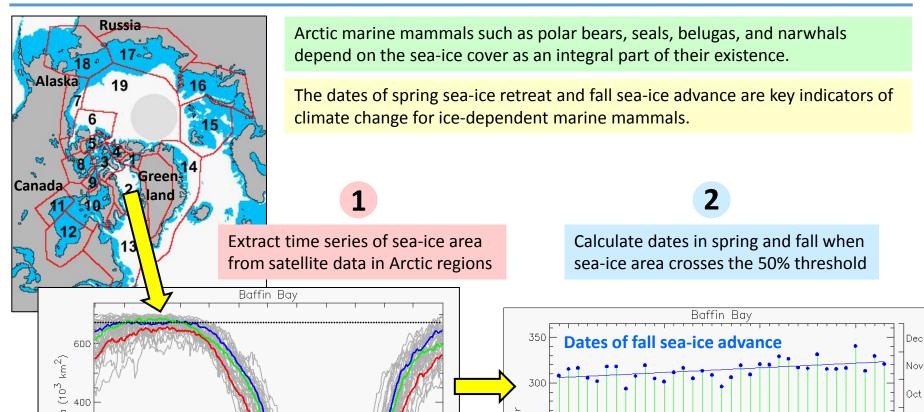


Aug

Jul

May

2010



Day

200

Duration of low sea-ice season

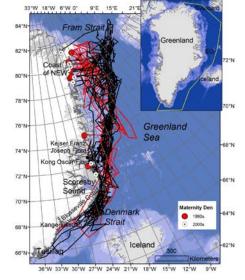
Dates of spring sea-ice retreat

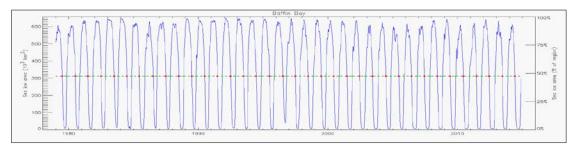
Publications and Work in Progress

Laidre, K. L., H. Stern, K. M. Kovacs, L. Lowry, S. E. Moore, E. V. Regehr, S. H. Ferguson, Ø. Wiig, P. Boveng, R. P. Angliss, E. W. Born, D. Litovka, L. Quakenbush, C. Lydersen, D. Vongraven, F. Ugarte. (2015). *A circumpolar assessment of Arctic marine mammals and sea ice loss, with conservation recommendations for the 21st century*. Conservation Biology, in press.

Laidre, K. L., E. W. Born, P. Heagerty, Ø. Wiig, R. Dietz, H. Stern, J. Aars, M. Andersen. (2015). Shifts in habitat use by female polar bears (Ursus maritimus) in East Greenland. Polar Biology, in review.

Stern, H., and K. L. Laidre. (2015). The timing of Arctic sea-ice advance and retreat as an indicator of polar bear habitat. In preparation.











Presentation and Adoption of the Sea-ice Indicator

Scientific Working Group of the Canada Greenland Joint Commission on Polar Bears Seattle, Washington / January 13-15, 2014

Indicator used for Baffin Bay and Kane Basin polar bear assessments by Canada, Nunavut, and Greenland.



IUCN/SSC Polar Bear Specialist Group

International Union for Conservation of Nature / Species Survival Commission Fort Collins, Colorado / June 8-12, 2014

Indicator presented and accepted by the PBSG of the IUCN for use in PBSG Status Table, to be published annually on PBSG web site.



IUCN Red List Meeting

Oslo, Norway / November 2014

Indicator presented and accepted by the Red List team for use in global assessment of polar bears. Modeling to be conducted Feb-May 2015 and final assessment in summer.



CAFF Arctic Biodiversity Congress

Conservation of Arctic Flora and Fauna

Trondheim, Norway / December 2-4, 2014

Oral presentation: Circumpolar trends in abundance of Arctic marine mammals



Alaska Marine Science Symposium

Anchorage, Alaska / January 19-23, 2015

Poster presentation: Arctic Marine Mammal Population Status, Sea Ice Habitat Loss, and Conservation Recommendations for the 21st Century

