

# *Time to Share ?*



SIKU-ISIUOP IPY 2007–2008 Records  
and Prospects for ELOKA Partnership

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**Smithsonian Institution**

**ELOKA Workshop**  
**November 15, 2011**



# Major SIKU-ISIUOP project volume, 2010



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 Claudio Aporta  
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 Lene Kielsen Holm  
 Editors

## SIKU: Knowing Our Ice *Documenting Inuit Sea-Ice Knowledge and Use*

By exploring indigenous people's knowledge and use of sea ice, the SIKU project has demonstrated the power of multiple perspectives and introduced a new field of interdisciplinary research, the study of social (socio-cultural) aspects of the natural world, or what we may call the 'social life' of sea ice. It incorporates local terminologies and classifications, place names, personal stories, teachings, safety rules, historic narratives, and explanations of the empirical and spiritual connections that people create with the natural world. In opening the social life of sea ice and the value of indigenous perspectives we make a novel contribution to IPY, to science, and to the public.


*"This book explains why the Inuit proudly call themselves the Sikumiut, 'people of the sea ice.' It gives full respect to our Inuit Elders and hunters, best scientists and best experts in Arctic climate change. I wish the Inuit youth take these stories to the heart to be proud of the great wisdom and knowledge of our people."*

Aqqabuk Lyngø, Inuit poet, President, ICC-Greenland

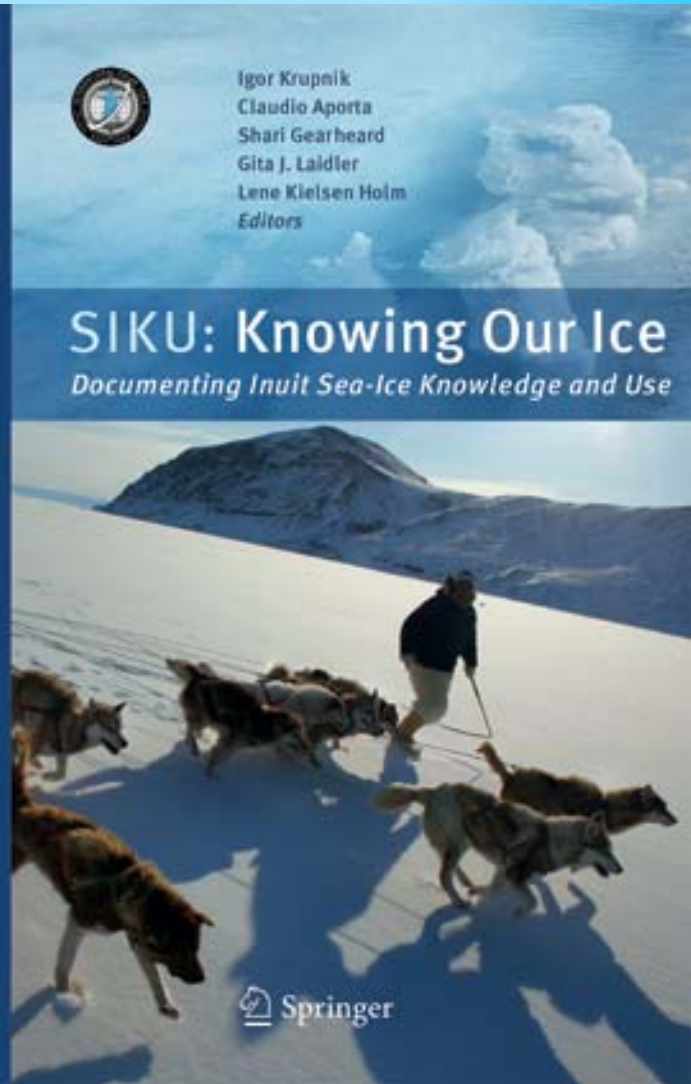


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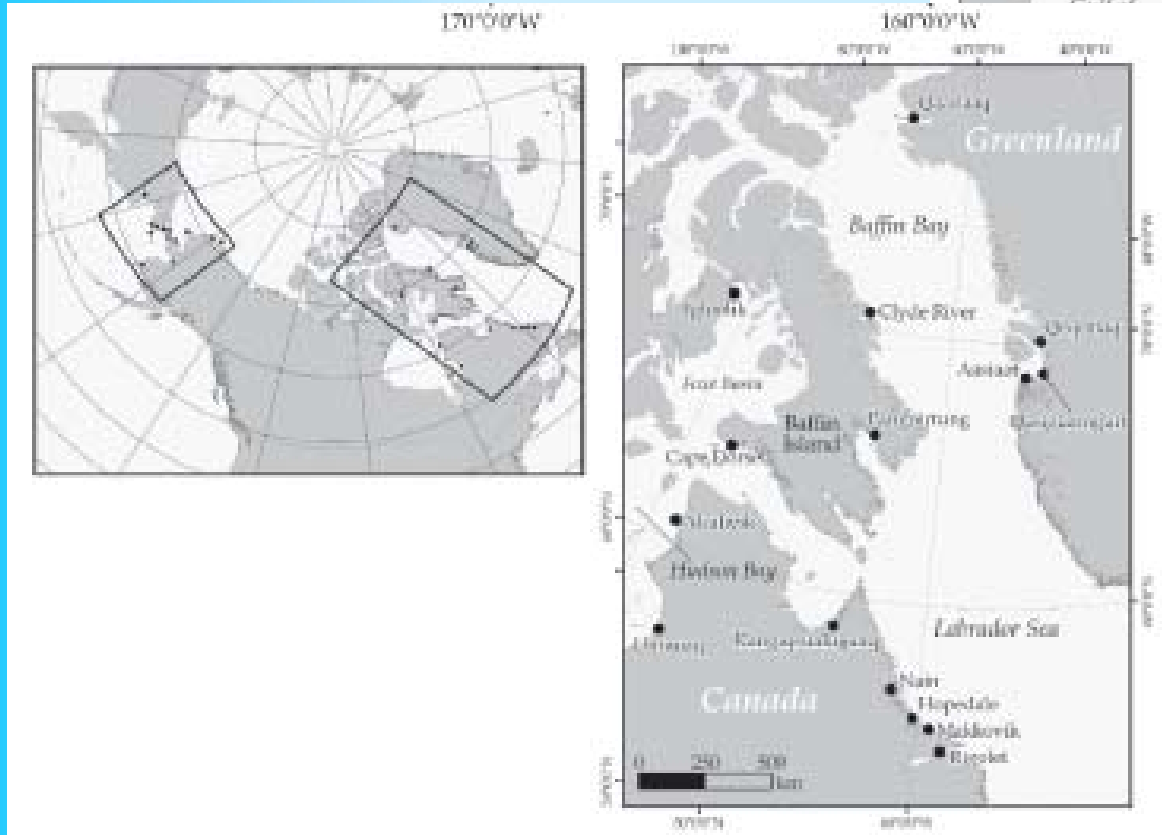
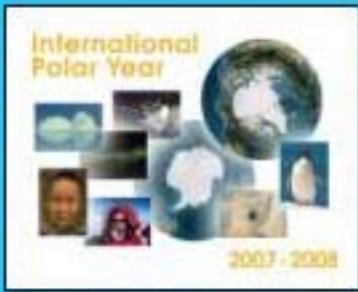
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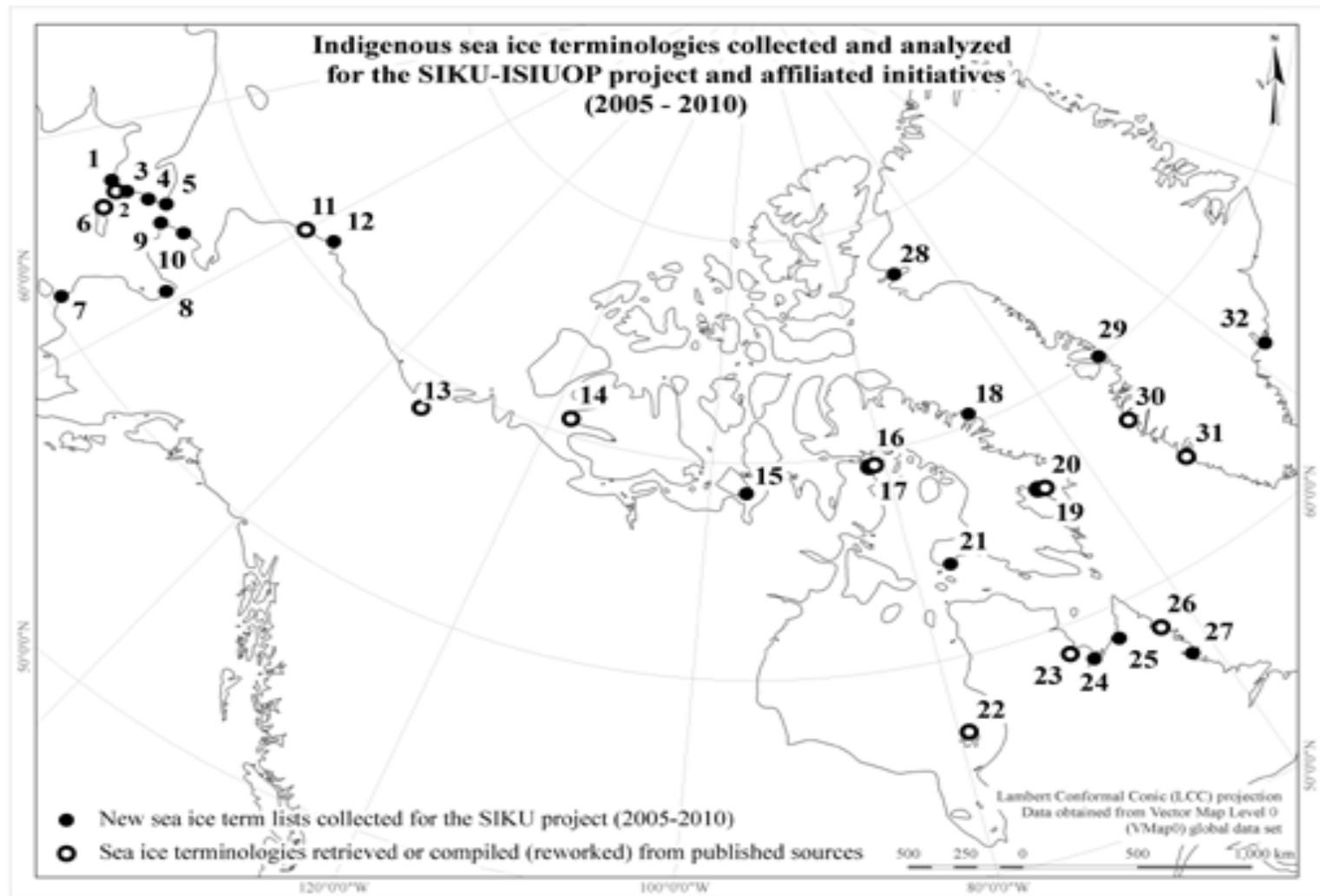
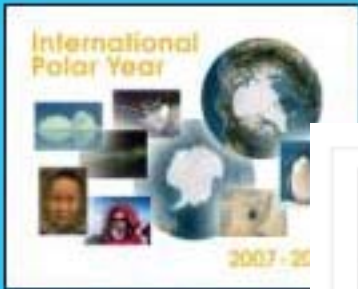
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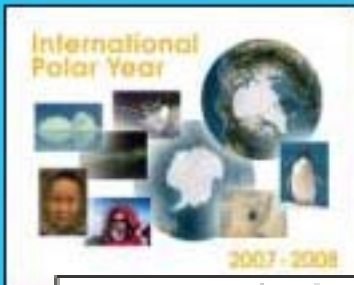


## Map of the SIKU-ISIOP operations in 2006–2010

(Produced by Matt Druckenmiller – Krupnik et al. 2010,6)

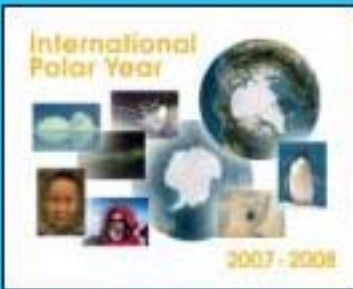


Indigenous communities where traditional sea ice lexicons have been collected during the SIKU project (*Krupnik 2011*)



# Indigenous sea ice 'lexicons' collected for SIKU-ISIUOP and related initiatives

| Region/Language/Community  | Code   | Authors/Source   | Year           | ## of terms |
|--|--------|--|----------------|-------------|
| <b>Chukotka</b>  |        |  |                |             |
| Chaplinski Yupik - Sireniki  | CSY-S  | Aron Nutwayi and Natalya Rodionova                                       | 2007-2008      | 50+         |
| Chaplinski Yupik - Ungaziq   | CSY-C  | Vakhtin and Emelyanova 1988  | 1980s          | 75+         |
| Chukechi - Yanrakinnot   | C-Y    | Arthur Apalu, local Elders, Natalya Kalyuzhina                           | 2008-2009      | 50+         |
| Naukanski Yupik - Lavrentiya   | NY     | Elizaveta Dobrieva and Boris Alpergen                                    | 2007-2009      | 60+         |
| Chukechi - Uelen   | C-U    | Roman Arnaergen and Victoria Gobtseva; Bogoslovskaya <i>et al.</i> 2008  | 2007-2009      | 120+        |
| <b>Alaska</b>  |        |  |                |             |
| Yupik - St. Lawrence Island  | SLIY   | Oozeva <i>et al.</i> 2004  | 2000-2002      | 100+        |
| Yup'ik - Nelson Island   | CAY-NI | Fienup-Riordan and local Elders; Fienup-Riordan and Rearden, forthcoming | 2008-2009      | 80+         |
| Iñupiaq - Shaktoolik   | SPI-SK | Krupnik  | 2008           | 35+         |
| Iñupiaq - Wales  | SPI-W  | Krupnik and Weyapuk 2010   | 2007-2008      | 120+        |
| Iñupiaq - Shishmaref   | SPI-SF | Wisniewski and local Elders  | 2007-2008      | 65+         |
| Iñupiaq - Wainwright   | NAI-W  | Nelson 1969; Ronald Brower and local experts                             | 1965/2009      | 90+         |
| Iñupiaq - Barrow   | NAI-B  | Ronald Brower and local experts  | 2005-2008      | 105+        |
| <b>Canada</b>  |        |  |                |             |
| Sigitun - Inuvik   | WCI-S  | Lowe 1984, 2001  | 1984/2001/2009 | 30+         |
| Copper Inuit/Kangiryuarmit - Holman  | WCI-K  | Lowe 1983  | 1983/2009      | 30+         |
| Utkuhiksalingmiutitut/ Natsilingmiutut - Uqsuqtuuq (Gjoa Haven) and Qamani'tuaq (Baker Lake) | WCI-U  | Johns 2010   | 1970s/2009     | 25+         |



# Lead investigators for the SIKU- ISIUOP project with extensive personal collections of project-related materials

## **Alaska**

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Dr. Hajo Eicken, Geophysical Institute,  
Fairbanks, AK

Dr. Ann Fienup-Riordan, Anchorage, AK

Dr. Matthew Druckenmiller, NSIDS,

Dr. Joshua Wisniewski, Anacortes, WA (?)

Dr. Peter Pulsifer, NSIDS, Boulder, CO

## **Canada**

Dr. Claudio Aporta, Carleton University,

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Dr. Shari Gearheard, Clyde River, Nunavut

Martin Tremblay, Ottawa

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Paul Pigot, Memorial University,

Dr. Alana Johns, University of Toronto,

## **Russia**

Dr. Lyudmila Bogoslovskaya, Russian  
Heritage Institute, Moscow

Mr. Boris Vdovin, Russian Heritage  
Institute, St. Petersburg

Ms. Natalya Kalyuzhina, "Beringia" Ethnic  
and Natural Park, Provideniya

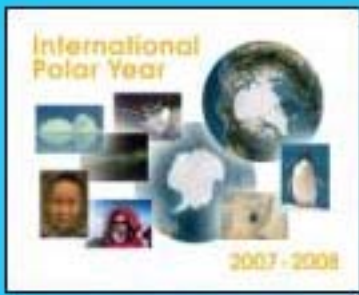
Ms. Victoria Golbtseva, Research Center  
"Chukotka," Anadyr

## **Greenland**

Mrs. Lene Kielsen Holm, ICC Greenland

Mr. Pierre Taverniers, MeteoFrance

Dr. Nicole Térzis, Paris, CNRS



# Major SIKU-ISIUOP Outcomes

## Major publications:

- *SIKU: Knowing Our Ice* (Krupnik et al., eds. 2010)
- *The Canadian Geographer*, special issue, 2011, 55(1) – Aporta et al., eds.
- *Point Hope: Life on the Frozen Water* (Arnestad Foote, 2009)
- *Summaries of Russian SIKU operations* (Krupnik 2010; Krupnik and Bogoslovskaya, 2008; Bogoslovskaya et al., 2008, 2010)

## Dissertations:

- Matthew Druckenmiller, Ph.D. thesis, University of Alaska Fairbanks
- Joshua Wisniewski, Ph.D. thesis, University of Alaska Fairbanks
- Karen Kelley, M.A. thesis, Carleton University
- Kelly Karpala, M.A. thesis, Carleton University
- Jennifer McKenzie, M.A. thesis, Carleton University

## Forthcoming collections:

- *Wales Iñupiaq Sea Ice Dictionary* – Weyapuk and Krupnik, eds. 2012
- *Ellavut/Our Yup'ik World and Weather: Continuity and Change on the Bering Sea Coast* – Fienup-Riordan and Rearden, 2012
- *Our Ice, Winds, and Snow* – Bogoslovskaya and Krupnik, eds. 2012 (in Russian)
- *Siku-Inuit-Hila* – Gearheard, Huntington and co-authors, 2012