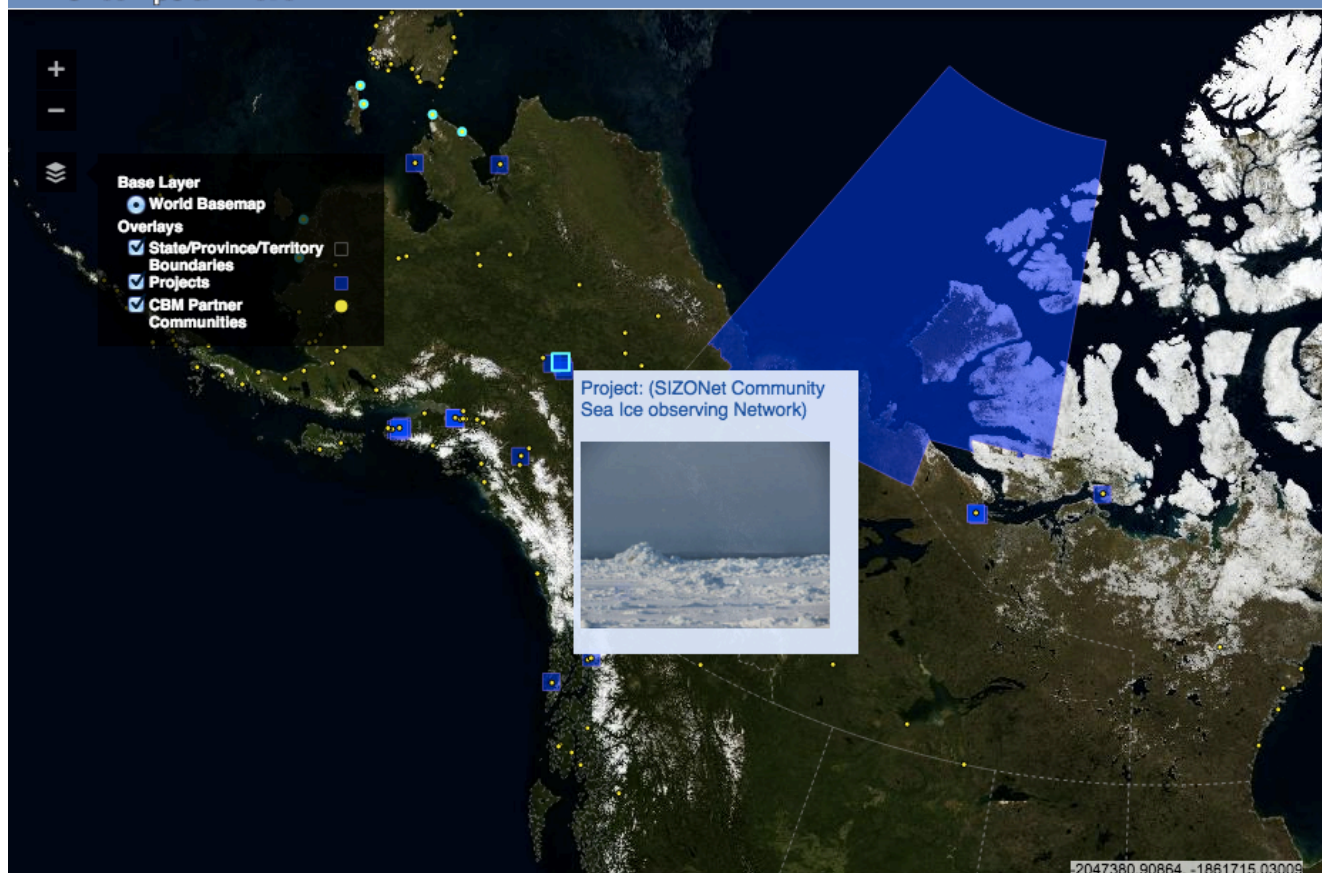


Overview of programs for collaborative management and monitoring



Circumpolar Arctic



Scroll through this record to see more information including links to other Community Projects, related media, and associated files.

Project title: SIZONet Community Sea Ice observing Network

Organization name: Geophysical Institute, University of Alaska Fairbanks

Project contact: Hajo Eicken, Mette Kaufman

Address: Geophysical Institute, University of Alaska Fairbanks, P.O. Box 757320, Fairbanks, AK 99775-7320

Phone number: Hajo: 907-474-7280, Mette: 907-474-5431

E-mail: hajo.eicken@gi.alaska.edu, mrkaufman@alaska.edu

Funded by: National Science Foundation; US Fish and Wildlife Landscape Conservation Cooperatives

Start Date: 2006-04

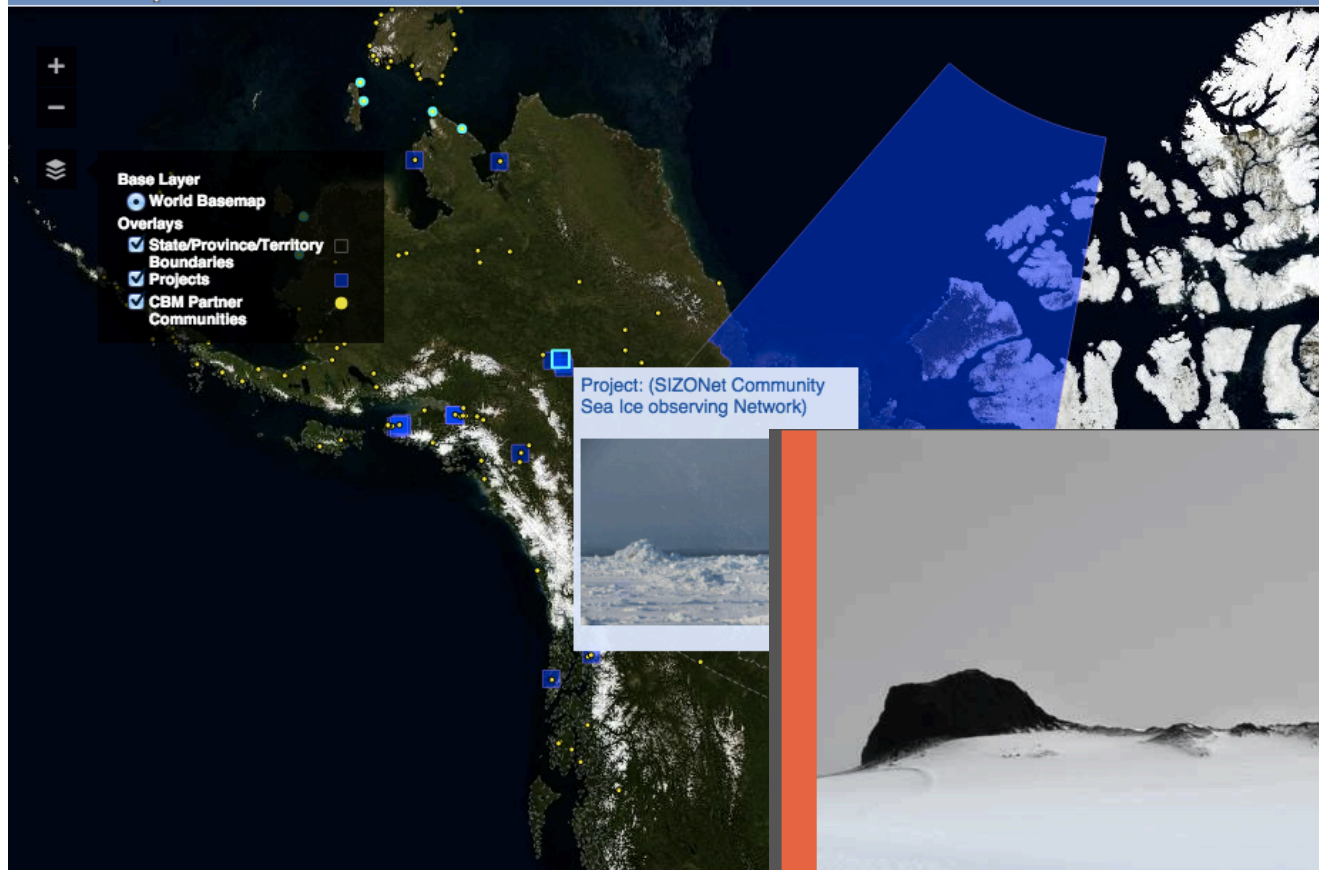
Progress: Ongoing

Project website: SIZONet.org

Data available: <http://www.sizonet.org/data>

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Circumpolar Arctic



search the atlas

Scroll through this record to see more information including links to other Community Projects, related media, and associated files.

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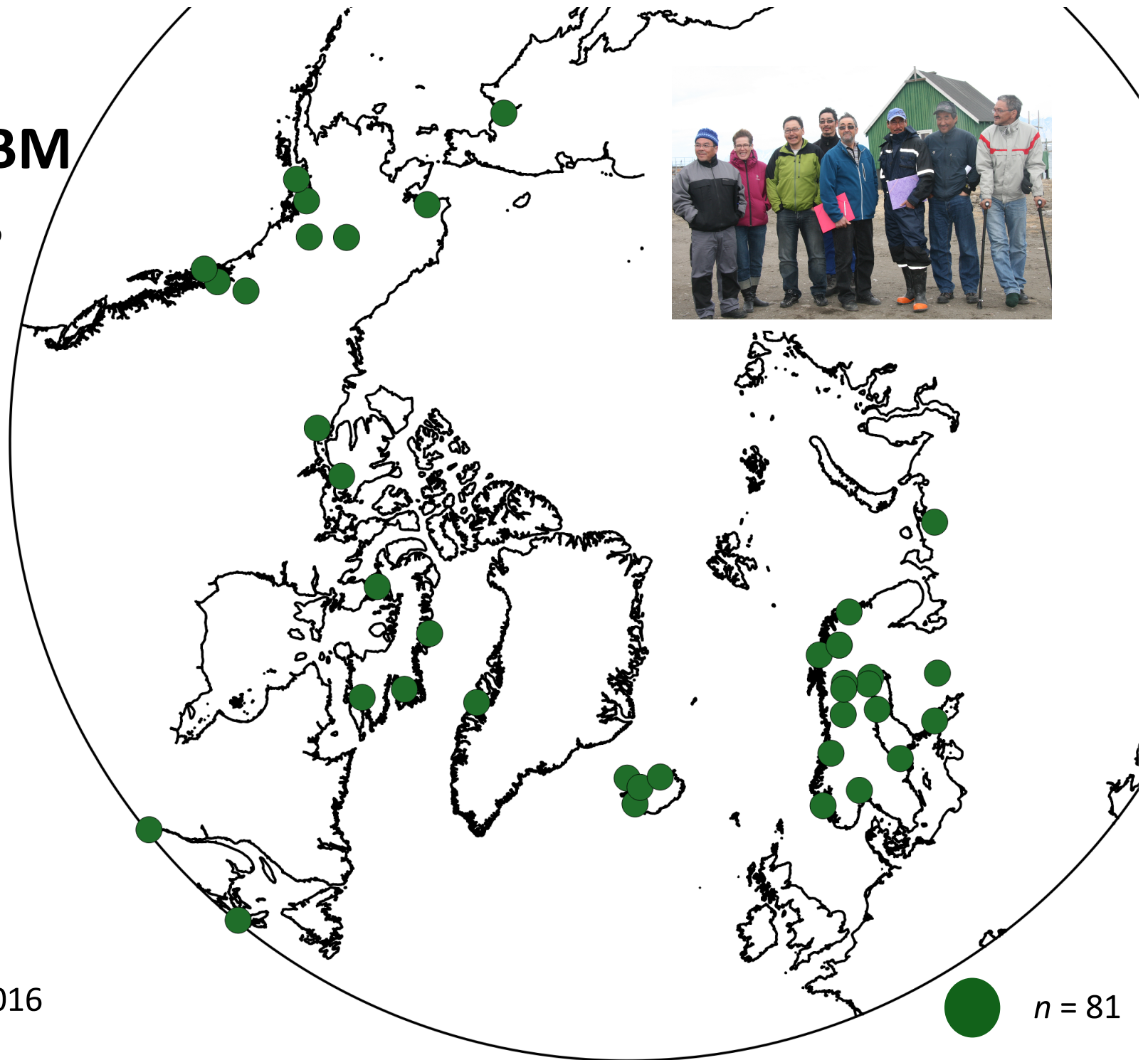
Address: Geophysical Institute, University of Alaska Fairbanks, P.O. Box 757320, Fairbanks, AK 99775-7320

Community-Based Monitoring and Indigenous Knowledge in a Changing Arctic:
A Review for the Sustaining Arctic Observing Networks

Noor Johnson, Carolina Behe, Finn Danielsen,
Eva-Maria Krümmel, Scot Nickels, and Peter L. Pulsifer

Johnson *et al.* 2016

Existing known CBM programs



Johnson *et al.* 2016

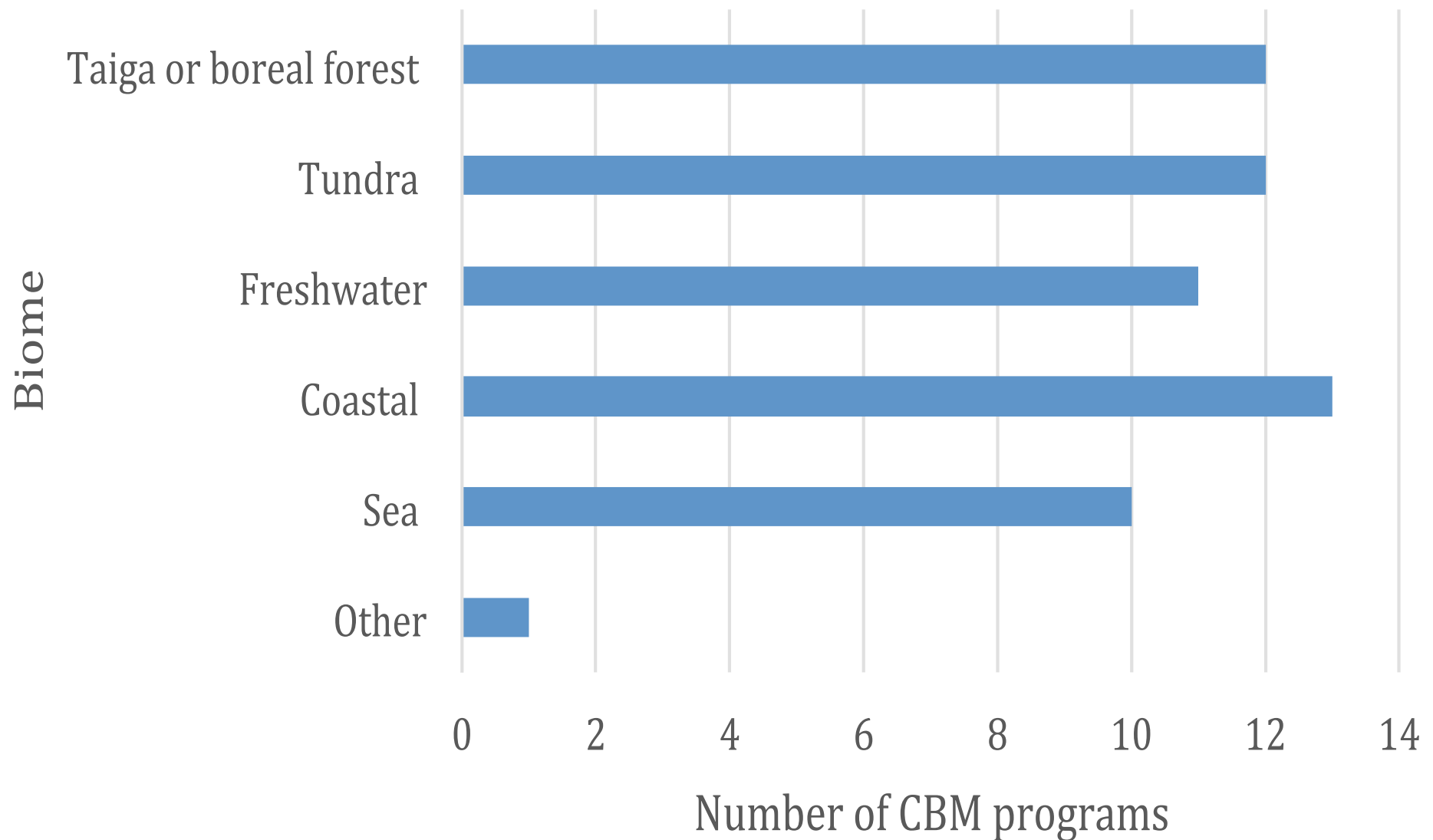
Field tools used

1 Measurements, observations and samples

2 More qualitative approaches

- perceptions from focus group discussions
 - workshops, oral history-telling, interviews
-
- Sometimes both (27%; n=30; 2018)

Biome coverage Arctic CBM programs

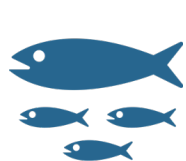


Decision-making from community-based monitoring

- **Village level (73%)**
- **Municipal level (66%)**
- National level (40%)
- International level (13%)

(n=30 CBM programmes, 2018)

CBM programmes tend to focus on issues of greatest concern to local stakeholders



Fisheries



Forestry



Herding/
hunting



Mineral and
hydrocarbon
extraction



Shipping



Tourism

Today mostly hunting, fisheries and forestry

Danielsen *et al.* 2020

Why do community members engage in CBM?

- **To have their voices heard**
- **To sustain wildlife health**

Less common reasons:

- Social engagement, personal benefits
- Opportunity for learning
- Rebirth of traditional practices and knowledge