

# Indigenous Knowledge, Indigenous Community Based Monitoring and Coordinated Observation Systems



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Towards a Roadmap for Coordinated Arctic Observing  
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RUSSIA

# INUIT NUNAAT

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## INUIT HOMELAND

U.S.A.

KALAALLIT NUNAAT  
GREENLAND

CANADA



INUIT

Inuit Circumpolar Council, 2011  
Produced by Aglaya Durland, based upon the Atlas of  
Canada Reference Map Series produced by Natural  
Resources Canada, 2006

Scale 1 : 20 000 000

Kilometres 0 100 200 400  
Miles 0 100 200 400  
Rescaled Equivalent Projection





Photo: Jacki Cleveland



Photo: Carolina Behe



Photo: Jacki Cleveland





Photo: Carolina Behe



Photo: Carolina Behe



Photo: Billy Adams



Photo: Carolina Behe





Caroline Biele





Photo: Amos Oxerok



Photo: Mary Sage



Photo: Amos Oxerok



Photo: Billy Adams





Photo: Maija Lukin



Photo: Dorthy Edwardson



Photo: Jacki Cleveland



Photo from I AM INUIT: Brian Adams





Multiple User's Needs  
across Multiple Scales

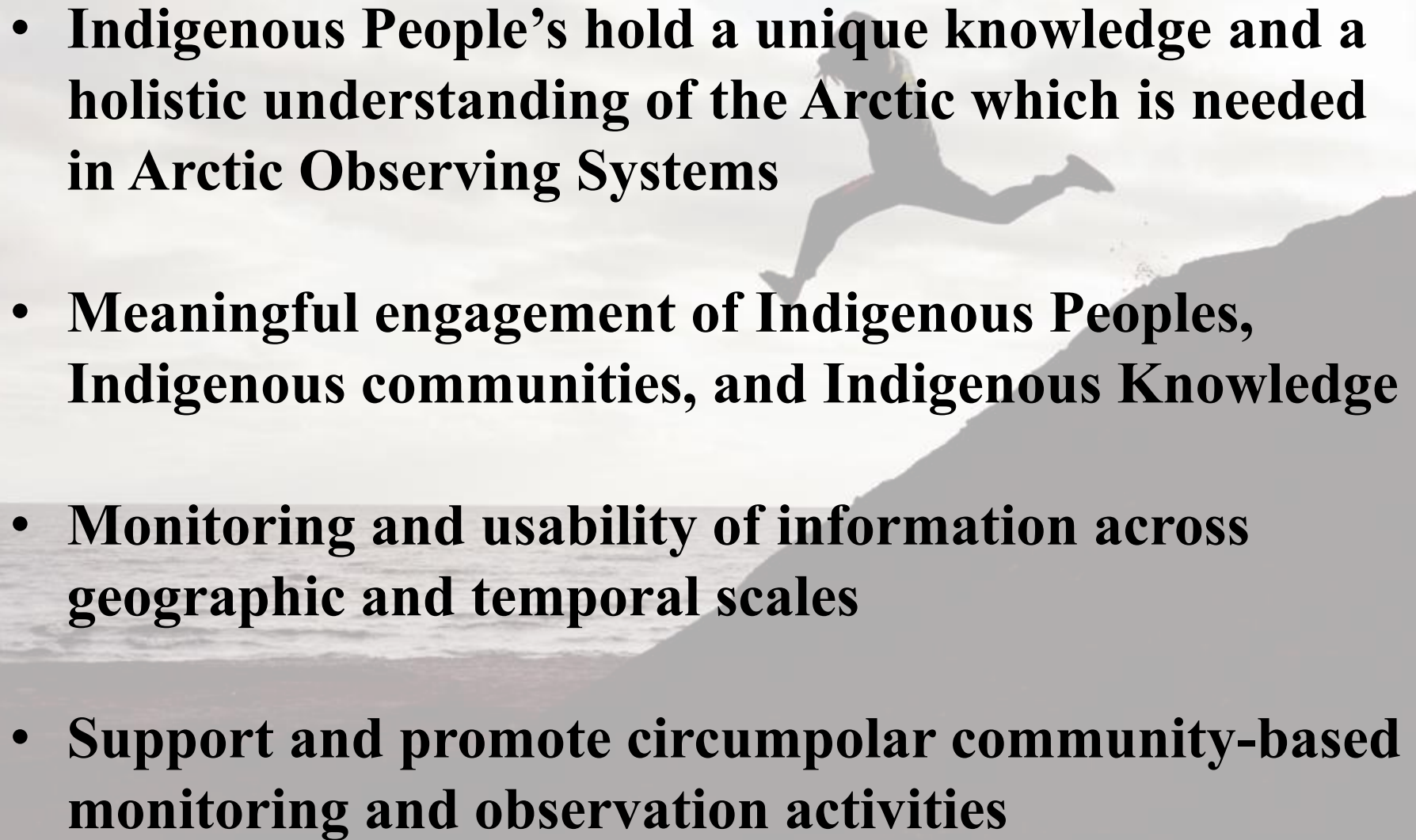
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# Summary

- **Indigenous Knowledge - relationships between components /asking different questions**
- **Year round monitoring / across seasons**
- **Unique knowledge and status in remote areas**
- **Equitable and meaningful engagement**
- **Sustainability of observation/monitoring initiatives**

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- A person is running up a steep, snow-covered mountain slope. The person is in mid-stride, with one leg forward and arms pumping. The background is a bright, hazy sky. The overall tone is energetic and adventurous.
- **Indigenous People's hold a unique knowledge and a holistic understanding of the Arctic which is needed in Arctic Observing Systems**
  - **Meaningful engagement of Indigenous Peoples, Indigenous communities, and Indigenous Knowledge**
  - **Monitoring and usability of information across geographic and temporal scales**
  - **Support and promote circumpolar community-based monitoring and observation activities**



# Quyanaq, Quyana, Taikuu

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Photo : Carolina Behe

