

## AOS WG6 Sessions

### WG members:

- Sandy Starkweather (NOAA, Co-Chair)
- Lisa Grosfeld (AWI/APECS, Co-Chair)
- Louise Mercer (Northumbria University, Early Career Co-Chair)
- Eric Solomon (Ikaarvik)
- Justin Milton (Ikaarvik)
- Shelly Elverum (Ikaarvik)
- Jay Pearlman (University of Colorado)
- Anni Kröger (Finnish Meteorological Institute)
- Olivia Lee (National Science Foundation)
- Gwenaëlle Gremion (Université du Québec)

### Background Readings:

1. Introduction video on “SciQ”, showing [Ikaarvik](#) youth in Nunavut inviting southern-based researchers to combine Western science (Sc) and Inuit Qaujimagatuqangit (IQ, Inuit knowledge, customs and values) for more meaningful collaboration with Inuit communities:  
[https://www.youtube.com/watch?v=QPomVTav90k&feature=emb\\_title](https://www.youtube.com/watch?v=QPomVTav90k&feature=emb_title)
2. AOS list of acronyms: [https://arcticobservingsummit.org/wp-content/uploads/2022/03/AOS2022\\_List\\_of\\_Acronyms.pdf](https://arcticobservingsummit.org/wp-content/uploads/2022/03/AOS2022_List_of_Acronyms.pdf)

## Day 1

	Speaker	Title/Question	Status: In-person/Virtual
<b>Day 1 (30th March)</b>			
<b>Cross-cutting Session with WG 5 (Utility &amp; Benefits):</b> <b>“Capacity Sharing in the Context of Arctic Observing Research”</b>  16:00-17:00pm  <u>Co-Chairs:</u>  WG6: Starkweather (NOAA)  WG5: Harry Penn	Eric Solomon (Ikaarvik)	0:00-0:05 Introduction + Purpose of the Capacity Sharing Working Group	Virtual
	Ravi Sankar & Harry Penn	0:05-0:10 Introduction + Purpose of the Utility & Benefits Working Group	
	Eric Solomon (Ikaarvik)	0:10-0:20 What we’d like to accomplish in this discussion <ul style="list-style-type: none"> <li>● Discuss the meaning and importance of the concept of capacity—from your own perspective—as it relates to research and monitoring in a Northern context;</li> <li>● Identify gaps in our understanding and knowledge about the capacity needs of northern collaborators/rightsholders, end users and other stakeholders; and,</li> <li>● Identify challenges and barriers that may be impeding effective capacity sharing</li> </ul>	Virtual
	WG6: Eric Solomon (Ikaarvik), Sandy Starkweather (NOAA)  WG5: Ravi Sankar & Harry Penn	0:20-0:50 Exploring key questions ‘around the room’ <ul style="list-style-type: none"> <li>● How would you define capacity?</li> <li>● What kinds of capacity do you think Arctic communities and external researchers need?</li> <li>● How does one come to know what these needs are?</li> <li>● Based on your understanding of what is needed, can you identify ways you and/or your work could contribute address these areas through capacity sharing?</li> </ul>	Hybrid

		<ul style="list-style-type: none"> <li>• What do you think are the main challenges or barriers to capacity sharing?</li> <li>• How can capacity sharing be increased coming from community engagement to take part in the definition of shared arctic variables? – in reference to the White Paper on Essential and Shared Variables (WG2 / WG4 Lavergne, T. and Kern, S.).</li> <li>• If and how can the Arctic Observation community make headline reference to how GHG emissions are accelerating observations made (where possible)?</li> </ul>	
	Eric Solomon (Ikaarvik), Sandy Starkweather (NOAA)  WG5: Ravi Sankar & Harry Penn	0:50-1:00 Wrap-Up	Hybrid
<b>Cross-cutting Session with WG4 (System Integration): Capacity Building and Sharing in the Context of the Shared Arctic Variables Process</b>  17:00-18:00pm	Eric Solomon (Ikaarvik)	0:00-0:05 Introduction + Purpose of the Capacity Sharing Working Group	Virtual
	WG4, TBD	0:05-0:10 Introduction + Purpose of the System Integration Working Group	
	WG4, TBD  WG6: Sandy Starkweather (NOAA)	0:10-0:50 Discussion questions <ul style="list-style-type: none"> <li>• How can training and capacity building and sharing be integrated into the SAV-definition process and SAV documentation?</li> <li>• What is the role of recorded practices/standards and supporting documentation in capacity sharing?</li> </ul>	Hybrid

<p><u>Co-Chairs:</u></p> <p>WG4 Chair: TBD</p> <p>WG6 Chair: Sandy Starkweather (NOAA)</p>		<ul style="list-style-type: none"> <li>• Can SAVs serve as a platform for peer-to-peer or community-to-community capacity sharing in addition to information sharing?</li> <li>• What opportunities are there for ECR participation in ROADS and the SAV-defining process? Could there be roles for ECRs on expert panels?</li> </ul>	
	<p>WG4, TBD</p> <p>WG6: Sandy Starkweather (NOAA)</p>	<p>0:50-1:00 Wrap-Up</p>	

**Day 2**

	Speaker	Title/Question	Status: In-person/Virtual
<b>Day 2 (31th March)</b>			
<b>Cross-cutting Session with WG 2 (Regional to Global Observing):</b> <b>“Capacity Sharing in the Context of Arctic Observing Research”</b>  17:00-18:00pm  <u>Co-Chairs:</u>  WG6: Olivia Lee (NSF)  WG2: Toste Tanhua (GEOMAR)	Eric Solomon (Ikaarvik)	0:00-0:05 Introduction + Purpose of the Capacity Sharing Working Group	Virtual
	WG2, TBD	0:05-0:10 Introduction + Purpose of the Regional to Global Observing Working Group	
	Eric Solomon (Ikaarvik)	0:10-0:20 What we’d like to accomplish in this discussion <ul style="list-style-type: none"> <li>● Discuss the meaning and importance of the concept of capacity—from your own perspective—as it relates to research and monitoring in a Northern context;</li> <li>● Identify gaps in our understanding and knowledge about the capacity needs of northern collaborators/rightsholders, end users and other stakeholders; and,</li> <li>● Identify challenges and barriers that may be impeding effective capacity sharing</li> </ul>	Virtual
	WG6: Olivia Lee (NSF)  WG2: Toste Tanhua (GEOMAR)	0:20-0:50 Exploring key questions ‘around the room’ <ul style="list-style-type: none"> <li>● How would you define capacity?</li> <li>● What kinds of capacity do you think Arctic communities and external researchers need?</li> <li>● How does one come to know what these needs are?</li> <li>● Based on your understanding of what is needed, can you identify ways you and/or your work could contribute address these areas through capacity sharing?</li> <li>● What do you think are the main challenges or barriers to capacity sharing?</li> </ul>	Hybrid

	WG6: Olivia Lee (NSF)  WG2: Toste Tanhua (GEOMAR)	0:50-1:00 Wrap-Up	Hybrid
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## Day 3

	Speaker	Title/Question	Status: In-person/Virtual
<b><u>Day 3 (1st April)</u></b>			
<b>Cross-cutting Session with WG 3 (Data Sharing):</b> <b><i>“Capacity Sharing in the Context of Arctic Observing Research”</i></b>  9:30-10:30am  <u>Co-Chairs:</u>  WG6: Louise Mercer (Northumbria University), Lisa Grosfeld (AWI/APECS)  WG3: Chantelle Verhey (University of Victoria),  Kristina Miller (University of Calgary)	Eric Solomon (Ikaarvik)	0:00-0:05 Introduction + Purpose of the Capacity Sharing Working Group	Virtual
	Chantelle Verhey (University of Victoria), Kristina Miller (University of Calgary)	0:05-0:10 Introduction + Purpose of the Data Sharing Working Group	
	Eric Solomon (Ikaarvik)	0:10-0:20 What we’d like to accomplish in this discussion <ul style="list-style-type: none"> <li>● Discuss the meaning and importance of the concept of capacity—from your own perspective—as it relates to research and monitoring in a Northern context;</li> <li>● Identify gaps in our understanding and knowledge about the capacity needs of northern collaborators/rightsholders, end users and other stakeholders; and,</li> <li>● Identify challenges and barriers that may be impeding effective capacity sharing</li> </ul>	Virtual
	WG6: Louise Mercer (Northumbria University),	0:20-0:50 Exploring key questions ‘around the room’ <ul style="list-style-type: none"> <li>● How would you define capacity?</li> <li>● What kinds of capacity do you think Arctic communities and external researchers need?</li> </ul>	Hybrid

	<p>Lisa Grosfeld (AWI/APECS)</p> <p>WG3: Chantelle Verhey (University of Victoria), Kristina Miller (University of Calgary)</p>	<ul style="list-style-type: none"> <li>• How does one come to know what these needs are?</li> <li>• Based on your understanding of what is needed, can you identify ways you and/or your work could contribute address these areas through capacity sharing?</li> <li>• What do you think are the main challenges or barriers to capacity sharing?</li> </ul>	
	<p>WG6: Louise Mercer (Northumbria University), Lisa Grosfeld (AWI/APECS)</p> <p>WG3: Chantelle Verhey (University of Victoria)</p>	0:50-1:00 Wrap-Up	Hybrid
<b>Cross-cutting Session with WG1 (Food Security): "Building Capacity"</b>	Eric Solomon (Ikaarvik)	0:00-0:10 Introduction + Purpose of the Capacity Sharing Working Group	Virtual
	Kaare Erickson (Ikaaᑭun Engagement)	0:10-0:17 Building Capacity to be Equitable: Proper Engagement with Indigenous Communities in the N. American Arctic	



<p><b>to Think Outside the Box”</b> <u>11:00am-12:00pm</u></p>	<p>Christian Fohringer (Swedish University of Agricultural Sciences)</p>	<p>0:17-0:24 Building Capacity to be Equitable: PRIDE in Polar Research</p>	
<p>WG1 Chair: Christian Fohringer (Swedish University of Agricultural Sciences),  Online host: Craig Chythlook (IARC, University of Alaska Fairbanks)  WG6 Chair: Shelly Elverum (Ikaarvik)</p>	<p>WG1: Christian Fohringer (Swedish University of Agricultural Sciences)  WG6: Shelly Elverum (Ikaarvik)</p>	<p>0:24-0:54 Group Discussion: What steps are required to build our own capacity to be more inclusive in Arctic observing?</p>	<p>Hybrid</p>
	<p>WG1: Christian Fohringer (Swedish University of Agricultural Sciences)  WG6: Shelly Elverum (Ikaarvik)</p>	<p>0:54-1:00 Review key points</p>	<p>Hybrid</p>