ROADS Advisory Panel

23rd April 2024, 14-1530 UTC, 16-1730 CET, 10-1130am EST

1. Welcome and Update on Membership

The SAON ROADS Co-chair, Lauren Divine, welcomed participants to today's teleconference (List of participants Appendix 1) and referenced that today's agenda had been circulated (Appendix 2). She introduced the new SAON ROADS - IASC Fellowship individual - Izuchukwu (Izu) O. Ezukanma. Izu is currently studying at the University of Florida with a research focus on tundra and weathering processes. Lauren also provided highlights from recent AP meeting minutes (27th February, 12th March).

2. Arctic Observing Summit (AOS) 2024 Working Group (WG) Meeting Summaries

a. Local to Global (WG1) – Lauren, as co-leader of WG1, reported on these discussions. The WG discussions focused on four topics of observations: i) On the ground (the strengths of Indigenous knowledge and subsistence practices for coastal monitoring); ii) In the Community (the equitable and ethical engagement of Indigenous peoples; iii) in our Networks (community networks and co-production of knowledge for coastal observing); and, iv) in our Platforms (connecting local-scale monitoring to wide-scale policy, governance, and conservation outcomes). A series of recommendations were generated by WG1 addressing re-design of funding requirements, review of existing systems that exemplify how to formalize research partnerships; and, evaluation of previous AOS recommendations.

b. Data Sharing (WG2) – Chantelle Verhey, Co-chair of the SAON Arctic Data Committee and Co-chair of WG2 reported on their discussions. Their first two sessions addressed Indigenous data sovereignty (Part 1 Capacity building and Part 2 Technical capacities). Another session on SAV integration into existing data systems/networks provided a good basis for formulating the data requirements for Phase 3 of the ROADS process. A final session discussed Data interoperability. The recommendations/requirements from this WG are still being finalized; however WG2 session notes are available at notes and documentation.

c. System Implementation/SAON ROADS (WG3) & Societal Benefit Methods Session – Margaret Rudolf spoke on WG3 discussions and other sessions that took place across the AOS relating to SAON ROADS Phase II efforts to "Define and Assess Impactful Variables". The recommendations were wide ranging to address various Arctic observing activities/bodies and included: facilitating connections between researchers and stakeholder/rightsholders, creating a community of practice for expert panels, and, addressing various communication and funding needs.

d. Observing System Benefits (WG4) – Talia Wells will report at a future meeting. However, the AOS Day 3 plenary slides were noted as available at: https://docs.google.com/presentation/d/1Vu2qC65fPxoIGHCBAo2KAKOaYhR2JxH9NbdpAk5S2oo/edit?usp=sharing

e. ROADS Open Partnership Meeting – Sandy Starkweather reported that the Open Partnership meetings between the AP and those piloting the process have become a cornerstone of developing the ROADS process. They have proven successful in clarifying communication, and engaging with interested parties. The ASSW Open Partnership meeting had over forty participants with several new organizations engaged in good discussions. Feedback in terms of what is working well with the ROADS process included that it is presenting a good value proposition for engagement with Indigenous communities and opening doors to develop collaborations with new resources. In addition, opportunities are being created to focus "issues that matter" (e.g. societal issues vs research focused). Sandy reported that feedback from the discussions also noted the need for further work on ROADS documentation (e.g. more work on *guiding* the Expert Panels; developing more examples) and that this will be part of the summer writing assignments. She noted that there was good participation from various Asian researchers (e.g. South Korea & China) and that further thought should be given on how to engage with these interests. Tetsuo Sueyoshi also provided some thoughts on what engagement could take place. João Canário added that participation from other non-Arctic countries conducting Arctic research (e.g. Italy, Spain) should also be discussed.

   Sandy noted that she reported to the IASC Council on SAON ROADS work and that the Council has acknowledged the progress taking place within ROADS.

f. Indigenous Engagement in ROADS session – Margaret spoke on this session (see slides here) that builds on the Indigenous Guidance documentation that has been created. It enabled broader engagement and input with over twenty participants in attendance. Sandy thanked Margaret for her leadership on this file.

g. AOS Conference Statement - Alice Bradley provided an update on the statement that is currently under development, pending the final recommendations from the AOS WGs (expected by June 1st). The Statement is expected to be available over the summer.

In summary, Sandy suggested that ROADS should form its own recommendations and follow-up activities based on the AOS WG recommendations and the AOS Conference Statement. These could be developed in the coming weeks.

3. ICARP IV (International Conference on Arctic Research Planning)

a. Research Priority Team (RPT) 2 – Margaret reported on this meeting that took place during AOS. She is Co-chair of RPT2 on Observing, Reconstructing and Predicting Future Climate Dynamics and Ecosystem Responses. She has worked to increase the transparency of RPT2 work and has received good

support for increased credibility and engagement for the ICARP 2022-2026 process. Several measures to address identified gaps and research priorities are being developed. She highlighted areas where additional engagement could take place – e.g. becoming an endorsed activity.

b. Endorsement for ROADS - Jan reported that a proposal has been prepared for submission on SAON ROADS as an endorsed ICARP IV activity (see the draft submission here). Comments are welcomed on this text by Friday, April 26th.

4. **Permafrost Phase I documentation review** – Jan reported that the summary of comments provided from the AP on the Permafrost EP Phase I documentation has been consolidated into a summary (available here summary) Any final comments should be provided to Jan by Friday, April 26th and the summary will then be considered as final.

5. **Discussion of 'Summer writing' Work –** Sandy explained that in previous years, it has been profitable to replace the monthly ROADS AP meetings with writing assignment efforts (tentatively set for July and August). Summer writing "topics" on various aspects of the ROADS documentation will be identified in the coming weeks and further details will come after the May and June AP meetings. Initial thoughts on topics could include: Indigenous engagement documentation; communication materials, Phase III documentation. Information on the suite of ROADS documentation is available at Documentation overview.

6. **Upcoming events**

Arctic Circle Assembly 2024, October 17-10, Reykjavik, Iceland. Session proposals are due by May 1st and it was recommended that an Open Partnership meeting should be held again, as well as additional sessions that could reflect discussions from the ASSW. Sandy suggested that perhaps a session to discuss examples of "shared benefits" would be appropriate, as well as a session to follow-up on the engagement of non-Arctic countries.

ASSW 2025, Univ of Boulder, USA - a Call for Sessions will be issued shortly. Sandy suggested that the AP should be considering what ROADS related sessions and activities could be planned for this time (e.g. Open Partnership meeting)

7. **Closing Remarks and Action Recap**

Lauren thanked participants for their contributions today. The next ROADS AP meeting will be a teleconference scheduled for Tuesday, May 21st, 16-18 CET / 10-12 am EST / 15-17 UTC. It is anticipated that a June AP teleconference will take place, and that July and August meetings will be replaced with summer writing exercises to advance the ROADS documentation.

Action Items by Friday, April 27th:

- ICARP IV – proposal has been drafted for the submission of Arctic ROADS as an endorsed activity. Comments on the draft submission here
- Permafrost EP Phase I documentation has been summarized; see draft summary review. Please review and comment.

- Arctic Circle Assembly 2024 – Two topics were proposed for session proposals - Benefit assessment/analysis and Engagement of non-Arctic nations in Arctic ROADS. Comments on this text by Friday.

Appendix 1

Participants ROADS Advisory Panel Meeting

23rd April 2024

Advisory Panel Member Participants

Alona Alexia, University of the North
Alice Bradley, Williams College, AOS WG #4
João Canário, University of Lisbon, Portugal & IASC
Lauren Divine, Aleut International Association (AIA) – ROADS AP Co-Chair
Heikki Lihavainen, Arctic PASSION & SIOS, Co-Chair of SAON CON
Gier Otterson, Institute of Marine Research, Norway
Margaret Rudolf, RNA CoObs (& Food Security Expert Panel)
Sandy Starkweather, NOAA, USA – ROADS AP Co-Chair
Tetsuo Sueyoshi, JAMSTEC/NIPR, Japan
Chantelle Verhey, World Data Systems (WDO), International Technology Office (ITO) & Co-chair SAON Arctic Data Committee
Talia Wells, Arctic Institute of North America, (Sea Ice Expert Panel)

Member Regrets Absent

Christine Barnard, ArcticNet
Cathy Coon, CBMP/CAFF
Ola Grabak, European Space Agency
Hanna K Lappalainen, PEXX
Sten Lund, Government of Greenland
Ilkka Matero, SIOS (Permafrost Expert Panel)
Tero Mustonen, SnowChange
Victoria Qutuuq Buschman, ICC
Volker Rachold, AWI Germany
Andrea Spolaor, CNR, Italy
Mikko Strahlendorff, FMI, Finland
Katriina Veijola, FMI, Wildfires EP (Wildfire Expert Panel)

Advisory Panel Ex-Officio members
SAON Secretariat – Jan Rene Larsen
SAON – IASC Fellow – Izuchukwu O Ezukanma

Appendix 2 – Agenda

ROADS Advisory Panel

Teleconference
23rd April 2024, 14-1530 UTC, 16-1730 CET, 10-1130am EST
Join Zoom Meeting
https://cuboulder.zoom.us/j/4105560408

Workspace for agendas and meeting notes:
https://drive.google.com/drive/folders/1rm3aGZcGuKaVMagkNNpU8sOEzEChKWns

1. Welcome and Update (if any) on Membership (Lauren, 5 min)
    a. A warm welcome to Izuchukwu O Ezukanma (Izu), IASC-ROADS fellow
2. AOS (60 min):
    a. Local to Global (WG1) - Lauren
    b. Data Sharing (WG2) - Jan
    c. System Implementation/SAON ROADS (WG3) & Societal Benefit Methods Session - Margaret
    d. Observing System Benefits (WG4) - Talia
    e. ROADS Partnership Meeting - Sandy
    f. Indigenous Engagement in ROADS session - Margaret
    g. Conference statement (Alice Bradley (mention or request participation GoogleForm?))
3. ICARP IV (10 min)
    a. RPT 2 - Read out on meetings during AOS (Margaret)
    b. Survey
    c. Endorsement for ROADS (Jan)
4. Permafrost Phase I documentation review summary. For approval (Jan, 5 min)
5. 'Summer writing' (announcement, Sandy)
    a. Indigenous Engagement documentation
    b. Communications materials
    c. Phase III documentation
    d. Documentation overview:
6. Upcoming events (Jan, 5 min):
    a. 2024 European Polar Science Week / 3-6 September 2024 / https://www.polar-science-week.eu/
    b. Antarctica InSync: https://oceandecade.org/actions/antarctica-insync/
    c. Arctic Circle Assembly 2024, October 17-19, Reykjavik. **Session proposals are due 1st May**
    d. Arctic Science Summit Week 21 - 28 March, 2025, Boulder, Colorado (Session proposals due TBD)
7. Actions items recap and closing remarks (Lauren, 5 min)
    a. The next meeting date will be 21st May, 16-1730 CET / 10-12 am EST / 15-17 UTC.

Please reserve the third Tuesday every month 16-1730 CET / 10-1130 am EST / 14-1530 UTC. Agenda and other meeting documents will be made available here:
https://roadsadvisorypanel.org/meeting-documents