August 15, 2023, 14-1530 UTC, 16-1730 CET, 10-1130 EDT, 6-730 AKDT

1. Welcome and Review of Agenda

The ROADS Advisory Panel (AP) co-chair, Lauren Divine, welcomed participants (Appendix 1) to the meeting. All participants provided a short introduction on their involvement in Arctic observing. Of note, Anni Kröger and Katriina Veijola from the Finnish Meteorological Institute (FMI) are new participants from the Wildfire Expert Panel.

Lauren provided an overview of today's agenda (Appendix 2) noting that meeting documents are available at https://drive.google.com/drive/folders/1rm3aGZcGuKaVMagkNNpU8sOEzEChKWns.

2. Review of Minutes

The minutes from the May 22, 2023 meeting were also available for review at the above site.

3. Update from Wildfire Shared Arctic Variables Workshop, 25 - 27 September, 2023

Anni Kröger provided an update stating that Wildfire – European Expert Panel (EP) has started work on Phase 2 documentation. She expressed her appreciation for the clearer direction provided from the AP for this work. Efforts are progressing well and the documentation will be ready for AP review in the coming weeks. Feedback from the EP on funding will be addressed in the upcoming documentation.

Anni then presented the draft agenda for the upcoming Wildfire SAV workshop to be held 25-27 September in Inari, Finland. The workshop will include an Initiation of the North American Wildfire Panel and efforts will focus on the elements of Phase 3 requirements of the Wildfire SAV. There will be a focused discussion on the last day regarding Indigenous (e.g. Saami) and local participants involvement in the Wildfire SAV. There were suggestions from AP members that perhaps the discussion with Indigenous participants could be moved to earlier in the workshop to enable opportunities to frame the workshop. Good discussion followed on how and where Indigenous participants could be most effectively engaged. It was noted that the workshop will be a hybrid format enabling individuals to listen in on the workshop discussions.

Katriina Veijola provided an update on the development of the North American (NA) Wildfire Expert Panel. She noted that the NA EP is still in its early stages (e.g. beginning Phase 1), and that the co-chairs will be representatives from Parks Canada and University of Saskatchewan. Additional participation in the NA EP is being sought from regional Indigenous participants (e.g. Gwich'in Council) as well as national and international scientific community. A meeting of this newly developing EP will be held on the margins of the Inari workshop in September enabling the two regional EPs to be more closely engaged. Katriina noted that the June 2023 AMAP workshop on Short-lived Climate Forcers included discussions on wildfires.

It was clarified that the Phase 1 documentation from the NA EP is anticipated to be ready for review after the September workshop.

At this point in the agenda, Chantelle Verhey described a document prepared by the World Data Systems (WDS) on Arctic wildfire related documentation (see https://docs.google.com/document/d/130GjlZnVI0lbKmYdAlJQHHMYD6TImKiZk2GIeNz2nJs/edit).

Chantelle acknowledged the work done by Michael Morrison from January – July in consolidating this information into a literature review on a range of variables relating to the Wildfire SAVs. The documentation is very comprehensive and will be of assistance to the European and NA Wildfire EPs. Mikko Strahlendorff commended the work by WDS as being particularly good on the global interest and work on wildfires.

ACTION ITEM: *The AP leadership will follow-up with the Wildfire EPs to provide assistance in the integration of efforts to ensure good linkages.*

Alona Yefimenko raised the need to ensure that Russian participation, including Indigenous participation, in the Wildfire EPs and there was discussion on how best to achieve this.

4. Review of Documentation:

Sandy opened the discussion noting the web site where Jan Rene Larsen has prepared a detailed table that summarizes the ROADS documentation (https://roadsadvisorypanel.org/documentation). Sandy noted that this web site will be an excellent resource for AP members to find existing documentation and see what other material is under development. She also noted that some AP member's names have been assigned next to documents that need to be developed.

a) Guidance document for Phase I and Phase II & Phase I and Phase II templates – Sandy reported that the work over the summer months has been valuable to update, consolidate and simplify the SAON ROADS process and documentation (see draft documentation at the above links). The guidance to EPs around Phase 1 and Phase 2 has advanced significantly and is quite mature now, while there still needs to be more work on Phase 3 and 4 guidance material. In regards to Phase 1 "Initiate an Expert Panel", the guidance is quite mature but she noted that the documents include references to other material that is still under development – e.g. funding documentation being worked on by Alice Bradley and Volker Rachold. Lauren provided a short overview on work on Phase 2 "Define and Assess Impactful Shared Arctic Variables" including work on the Phase 2 templates, details on societal benefits assessments, and leading efforts towards Phase 3 and 4.

Sandy thanked Lauren, Jan, Margaret Rudolf and Alice Bradley for their contributions in developing the above material.

ACTION ITEM: *AP members will be asked to provide a final review this documentation so that the guidance can be provided to the EPs as they move forward.*

b) Terms of Reference of the SAON ROADS Advisory Panel (Draft, version 6th July) Helen Joseph acknowledged the work conducted with Christine Barnard on these Terms of Reference, and then provided a quick overview (see draft documentation at above link). She noted that the current draft draws on material developed at the SAON ROADS workshop in July 2020 and other background material. Sandy added that the Terms of Reference will be useful to future EPs to better understand the role and responsibilities of the AP.

ACTION ITEM: *AP members will be asked to provide a final review the Terms of Reference.*

5. Update on the Arctic Observing Summit (AOS) 2024

Alice Bradley reported that the AOS will be held at Arctic Science Summit Week in Edinburgh, Scotland on March 27-29, 2024. The four Working Groups for AOS 2024 include: Regional to global observing networks; Data systems; Observing for adaptation and benefit; and, Observing system implementatio (close link to SAON ROADS). She noted an upcoming deadline of September 1st for any one-of sessions that SAON ROADS might consider proposing; these session proposals should be submitted as soon as possible. Plenary speakers (from both Indigenous and western science perspectives) will address Wildfires and for a marine-focused topic still to be determined.

6. Action Items Recap and Closing Remarks

Lauren noted that some action items from today's discussions will be conducted by emails, so AP members should be prepared to respond accordingly.

Jan Rene briefly noted that new leadership is coming to the SAON Arctic Data Committee (ADC) - Chantelle Verhey, AP member, and Vanessa Raymond will be the incoming co-chairs of the ADC. SAON activities continue to be paused at this time, so formal appointment of the incoming co-chairs will be at a later date.

7. Next Meeting

The next meeting date is 19 September 2023. Please reserve the third Tuesday every month 16-1730 CET / 10-1130 am EST / 14-1530 UTC**.**

8. Upcoming Events:

a. Wildfire Shared Arctic Variable Workshop 25-27 September, Inari, Finland
b. Arctic Circle Assembly, 19-22 October, Reykjavik, Iceland
    i. ROADS ACA panel
    ii. Permafrost ACA panel
    iii. ROADS AP open meeting (side meeting)
    iv. Permafrost side meeting
    v. IASC ICARP events - panel and side meeting
c. Greenland Science Week, 3-7 Nov, Sisimiut/Nuuk
d. ArcticNet (Dec 5-7 with only 300 participants in Nunavut)
e. Arctic Observing Summit (March 27-29, 2024), Edinburgh, Scotland

Appendix 1

Participants ROADS Advisory Panel Meeting

August 15th, 2023

Advisory Panel Member Participants

Alice Bradley, AOS WG #4
Cathy Coon, CBMP/CAFF
Lauren Divine, Aleut International Association (AIA) – ROADS AP Co-Chair
Ola Grabak, European Space Agency
Anni Kröger, FMI, Finland
Hanna K Lappalainen, PEXX
Saara Kukha, FMI, Finland
Sten Lund, Government of Greenland
Volker Rachold, AWI Germany
Margaret Rudolf, RNA CoObs
Mikko Strahlendorff, FMI, Finland
Sandy Starkweather, NOAA, USA – ROADS AP Co-Chair
Katriina Veijola, FMI, Finland
Chantelle Verhey, World Data Systems (WDO), International Technology Office (ITO)
Alona Yefimenko, University of the North

Member Regrets Absent

Christine Barnard, ArcticNet
João Canário, University of Lisbon, Portugal & IASC
Finn Danielsen, Nordic Foundation for Development and Ecology (NORDECO)
Heikki Lihavainen, Arctic PASSION & SIOS
Maribeth Murray, Arctic Institute of North America
Gier Ottersen, Instititue of Marine Research, Norway
Hanne Sagen, NERSC, Norway/ INTAROS
Andrea Spolaor, CNR, Italy
Tetsuo Sueyoshi, JAMSTEC/NIPR, Japan

Advisory Panel Ex-Officio members
SAON Board Chair – Sandy Starkweather, NOAA, USA and ROADS AP Co-Chair
SAON Secretariat – Jan Rene Larsen, Helen Joseph
SAON – IASC Fellow – Christina Goethel (absent)
SAON Data Committee – Peter Pulsifer (absent)

Appendix 2

ROADS Advisory Panel

Teleconference
August 15, 2023, 14-1530 UTC, 16-1730 CET, 10-1130 EDT, 6-730 AKDT
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)
2. Review minutes from 22 May 2023 meeting (Lauren, 5 min)
3. Update from Wildfire Shared Arctic Variables workshop, to be held 25 - 27 September, 2023 in Inari, Finland (Anni Kröger & Katriina Veijola, 15 min)
4. Review of Documentation:
    a. Guidance document for Phase I and Phase II & Phase I and Phase II templates (Lauren and Sandy, 30 min)
    b. Terms of Reference of the SAON ROADS Advisory Panel (Draft, version 6th July) (Christine, 10 min)
    c. Other documents (status). The overview can be found here: https://roadsadvisorypanel.org/documentation (Jan, 5 min)
5. Update on the Arctic Observing Summit 2024 (Alice, 5 min)
6. Actions items recap and closing remarks (Lauren, 10 min)
7. The next meeting date is **19 September 2023**. Please reserve the third Tuesday every month 16-1730 CET / 10-1130 am EST / 14-1530 UTC.
8. Upcoming events:
    a. Wildfire Shared Arctic Variable Workshop 25-27 September, Inari, Finland
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    c. Greenland Science Week, 3-7 Nov, Sisimiut/Nuuk
    d. ArcticNet (Dec 5-7 with only 300 participants in Nunavut)

Info: The ROADS Advisory Panel web page: https://roadsadvisorypanel.org