



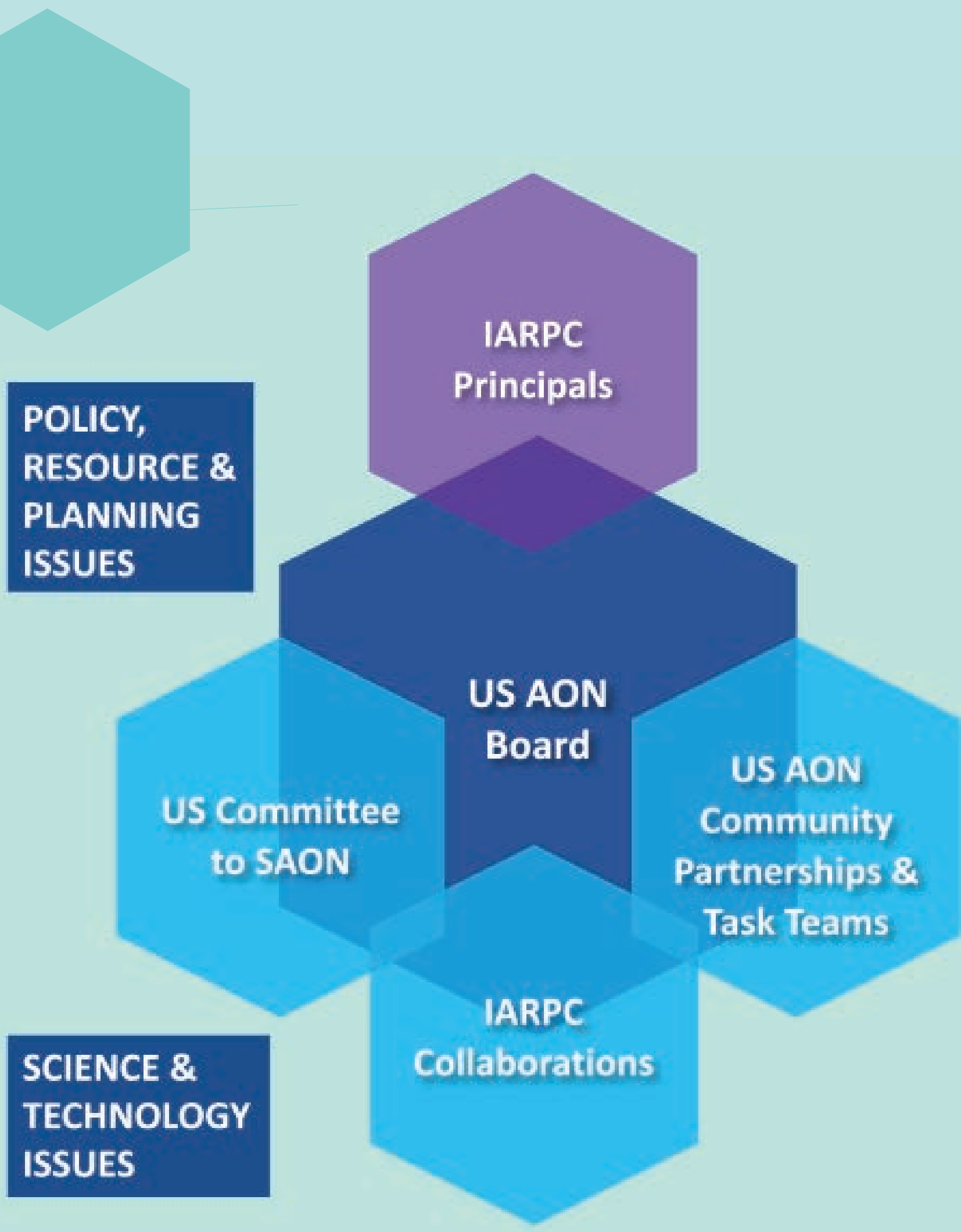
Implementing a Strategic & Collaborative Approach to Arctic Observing

The Impacts of National Capacity Building through the US Arctic Observing Network (US AON)

Authors: Hazel Shapiro (IARPC, US AON), Sandy Starkweather (NOAA, CIRES)

US AON Overview

US AON is a recognized sub-body of the Interagency Arctic Research Policy Committee (IARPC) and a strategic and collaborative initiative that works to advance partnerships and systematic and equitable planning approaches to Arctic observing in support of broad societal benefits. US AON operates through open community discussions hosted by IARPC's observing team, structured planning exercises with US AON Task Teams, and capacity-building events. The US AON Board, composed of representatives from IARPC's federal agencies, guides its progress.



US AON's 2020-2021 Accomplishments

Fostering leadership and support for the SAON ROADS* process

US AON works to align US actions with international planning priorities. For example, early discussions by the US AON Board informed the principles and tools used in the ROADS process. Additionally, through IARPC Collaborations, US AON contributed to the first US pilot of the ROADS process. US AON convenes the national committee for SAON as an open biannual IARPC Collaborations meeting. Finally, US AON facilitated a multi-agency review of the Arctic Science Ministerial's 2021 joint statement, which reinforced strong support for the SAON ROADS process.

*Sustaining Arctic Observing Networks (SAON) Roadmap for Arctic Observing and Data Systems (ROADS) process

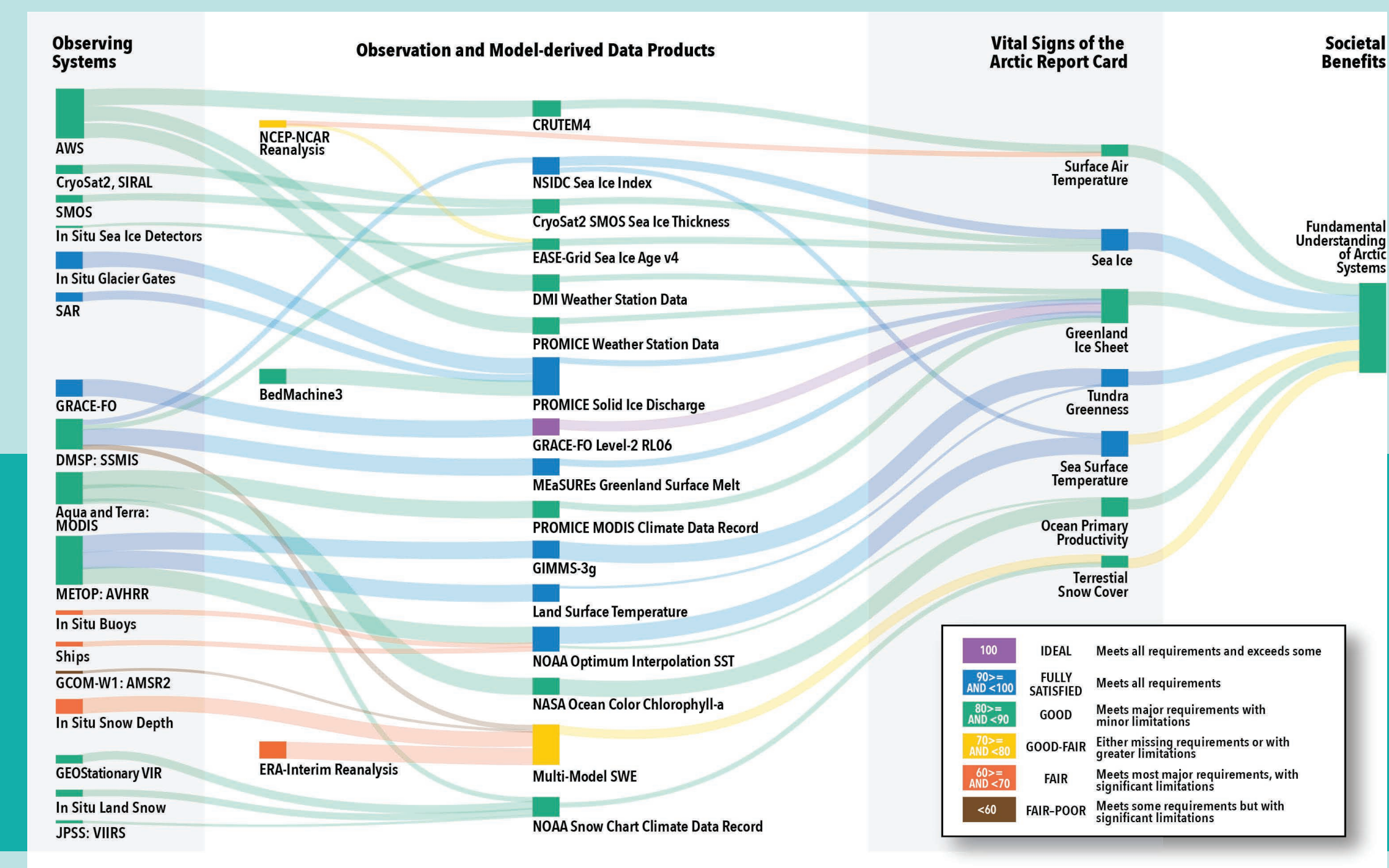
Promoting co-production of knowledge

US AON values the direct engagement of Indigenous organizations and communities in its planning efforts and seeks to support the Arctic research community, often educated in only western science approaches, to develop effective and equitable partnerships with Indigenous-led efforts. As an early step, US AON sponsored a workshop, led by Kawerak, Inc., which provided an overview of the cultural and historical context of Alaskan Indigenous communities and presented an introduction to co-production of knowledge practices.

Partnering with the Arctic Report Card

US AON partnered with the Arctic Report Card (ARC) for a special submission to the 2020 ARC. Applying a Value Tree Analysis (see diagram below) methodology, US AON worked with lead authors to rate the performance of the Arctic observing network over the past 15 years, focusing on the seven Vital Signs that are the centerpiece of the ARC's annual publication. To help increase transparency, US AON and the

Arctic Data Center (ADC) launched a data portal for the products that form the basis of the ARC.



What's next for US AON?

US AON will build upon its contributions to the SAON ROADS process by increasing engagement through the US national committee to SAON and advancing US AON Value Tree Analysis (VTA) methodologies. US AON will continue to support co-production and Indigenous-led activities within IARPC Collaborations and under SAON ROADS through partnership development and the establishment of an advising committee to review the VTA methodology. US AON is actively aligning its strategy and priorities with IARPC's 2022-2026 Arctic Research Plan.

To read the full report (with links) scan the QR code.

US AON Biennial Accomplishments Report



Get Involved!

Join IARPC's Arctic Observing Systems Team

Contact the US AON Executive Director:
sandy.starkweather@noaa.gov

Contact the US AON Program Analyst:
hazel@iarpccollaborations.org