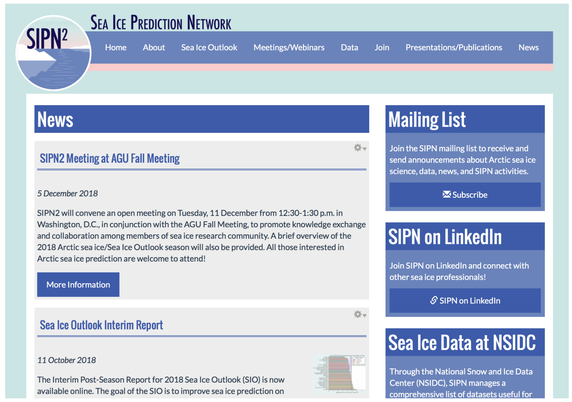
Sea Ice Prediction Network (SIPN2) 2018 - 2022

SIPN2 will improve Arctic sea ice forecasts through a multi-disciplinary approach that includes modeling, new products, data analysis, networking, & stakeholder engagement

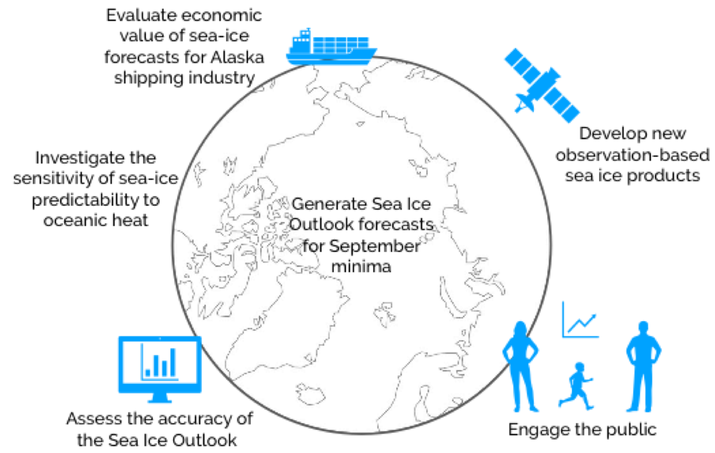
Communications & Networking



www.arcus.org/sipn

- SIPN2 is a collaborative network with a multi-disciplinary and multi-organization project team
- Visit the SIPN2 website for more information & the latest news
- Join a webinar
- Attend a workshop
- Contribute to the Sea Ice Outlook
- Join or initiate an Action Team
- Join the mailing list
- Connect via social media

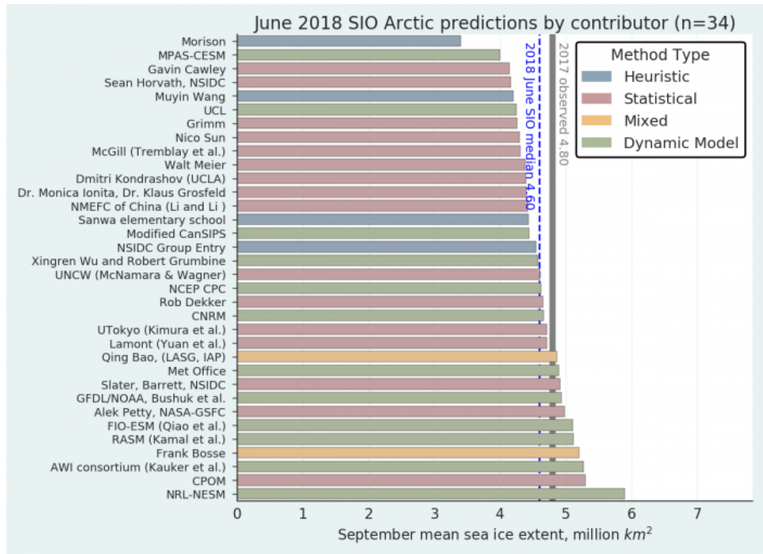
Main Activities



- Investigate the sensitivity of sea-ice predictability in the Alaska Arctic to variations in oceanic heat and large-scale atmospheric forcing
- Assess the accuracy of Sea Ice Outlook (SIO) submissions
- Develop new observation-based products for improving sea-ice predictions, including sea-ice thickness, surface roughness, melt ponds, and snow depth
- Evaluate the socio-economic value of sea-ice forecasts to stakeholders who manage ship traffic and coastal village resupply in Alaska
- Engage the public through blog exchanges, accessible SIO reports, webinars, and by making public data sources useful to non-scientists and scientists alike
- Continue and evolve network activities to generate SIO forecasts for September minima and expand forecasts to include full spatial resolution and into the fall months

Sea Ice Outlook

Since 2008, the annual Sea Ice Outlook (SIO) has provided an open process for those interested in Arctic sea ice to share ideas about the September minimum sea ice extent.



Distribution of Sea Ice Outlook contributions for June estimates of September 2018 sea ice extent. Figure courtesy of Bruce Wallin, NSIDC.

Please contact us if you would like to collaborate and become part of the SIPN2 network!
Contact: Betsy Turner-Bogren, betsy@arcus.org