




# Benefit Tool – Use Case Summary

US Arctic Observing Network | [www.usaon.org](http://www.usaon.org)

The US Arctic Observing Network (US AON) is a collaborative initiative focused on improving Arctic observations to better support societal benefits. US AON has developed its Benefit Tool and Assessment methods to inform more strategic, equitable, and sustainable investments in Arctic observing.

Benefit Assessment follows a participatory research process known as expert elicitation, which systematically surveys relevant experts about capabilities, performance, and gaps. The Benefit Tool translates the experts' input into powerful visualizations. The use cases for the Benefit Tool are summarized in the table below.

Benefit Tool User	Benefit Tool Use Case
 <p>Scientific Research &amp; Operations</p>	<p>Visualize how relevant applications or products are supported by observations and data products</p> <p>See how my data or observation system is being used</p> <p>Demonstrate how my work supports societal benefit and learn how it could do better</p> <p>Explore gaps that impact my work and design solutions that increase its impact</p>
 <p>Indigenous Community &amp; Northern Residents</p>	<p>Provide user guidance for increasing the impact of new or existing data products or tools</p> <p>Discover tools that other community members are using</p> <p>See where and how community-led observations and data systems are being used</p> <p>Understand how my own observations and data can benefit others</p>
 <p>Research Program Managers &amp; Policy Makers</p>	<p>See a broader view of the Arctic observing system and its impact</p> <p>Demonstrate how my program supports societal benefits</p> <p>Identify critical areas for new or sustained investment</p>