

Community–Based Environmental Monitoring

through an Indigenous
Guardians framework



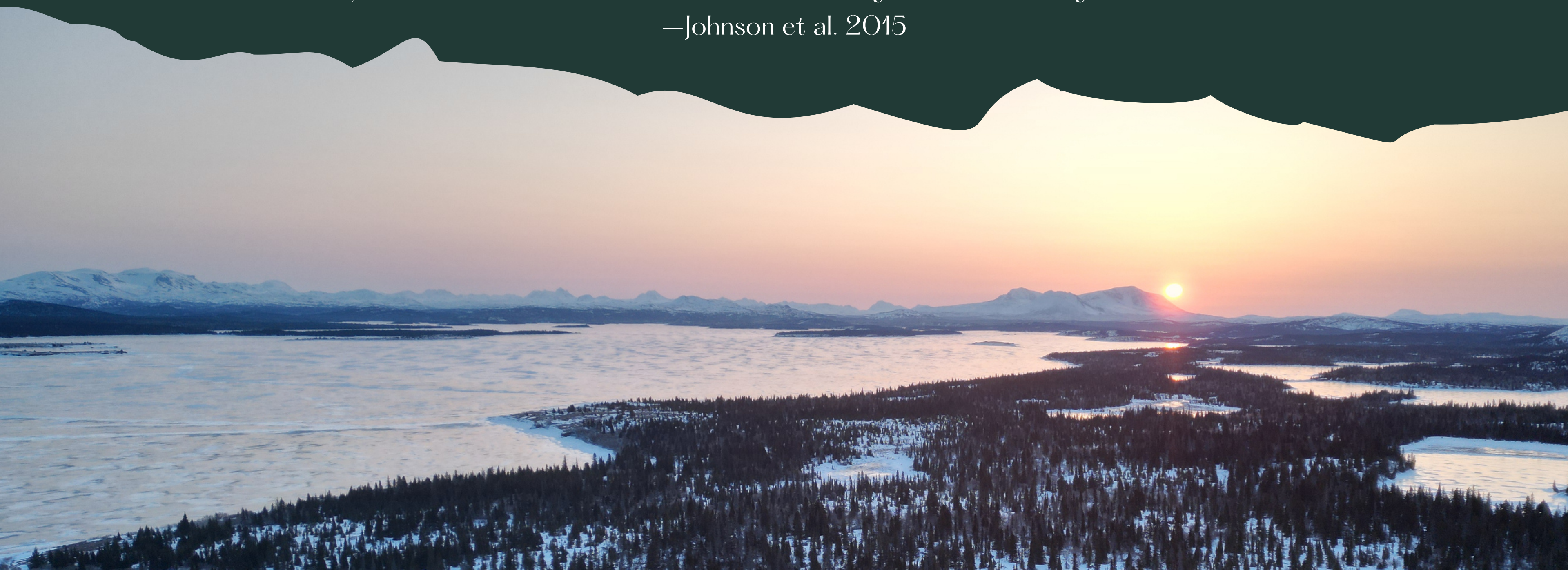
Mary Hostetter
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What is CBM?

“A process of routinely observing environmental or social phenomena, or both, that is led and undertaken by community members...”

—Johnson et al. 2015



Benefits of CBM

“Researchers have documented the impacts of guardian programs; they can reduce incarceration and increase health and well-being. People’s health improves on the land because they’re on the land, because they’re physically active, and because they’re happy. And guardians gain increased skills, higher income, and pride in cultural knowledge. [. . .] I believe that Indigenous programs could do more for healing from the impacts of colonialism than any other individual program.”

—Valérie Courtois | Indigenous Leadership Initiative





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- Data Collection Apps
- ISN Database
- Communication Tools
- Training Materials



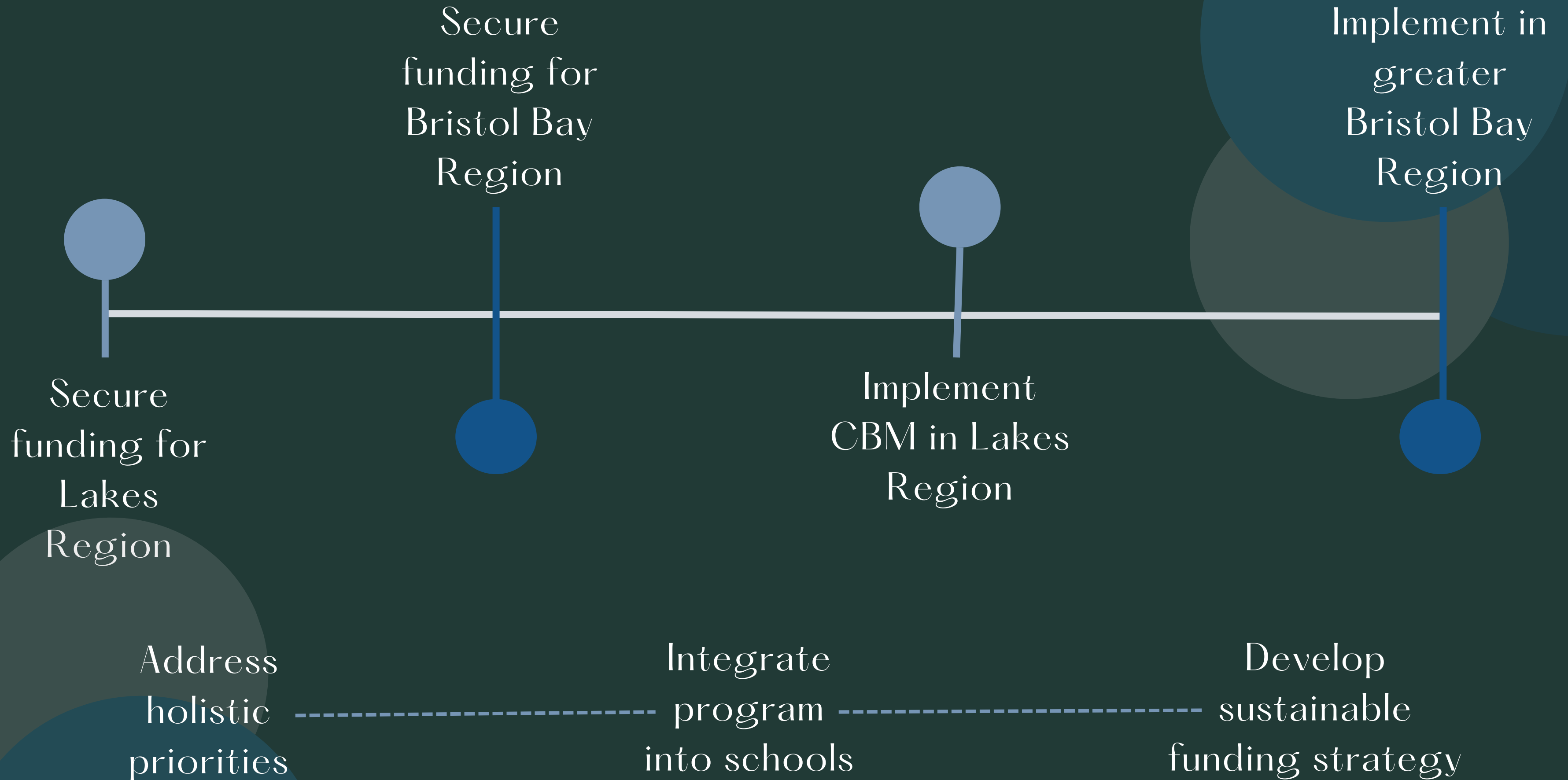
Why CBM in Bristol Bay?

“Bristol Bay [. . .] is home to one of the world’s last great wild salmon ecosystems, the largest sockeye salmon fishery in the world, and some of the world’s last, intact, sustainable salmon–based cultures.”

– UTBB 2023

“The challenges of our time call for greater, more effective collaboration. Environmental change is occurring rapidly. There is an urgency to the situation, a climate crisis. This makes the community–based monitoring and documentation of Indigenous and local knowledge more important than ever.”

– Fidel et al. 2017



Funding

- Federal Programs
- Private Philanthropy
- Nonprofits



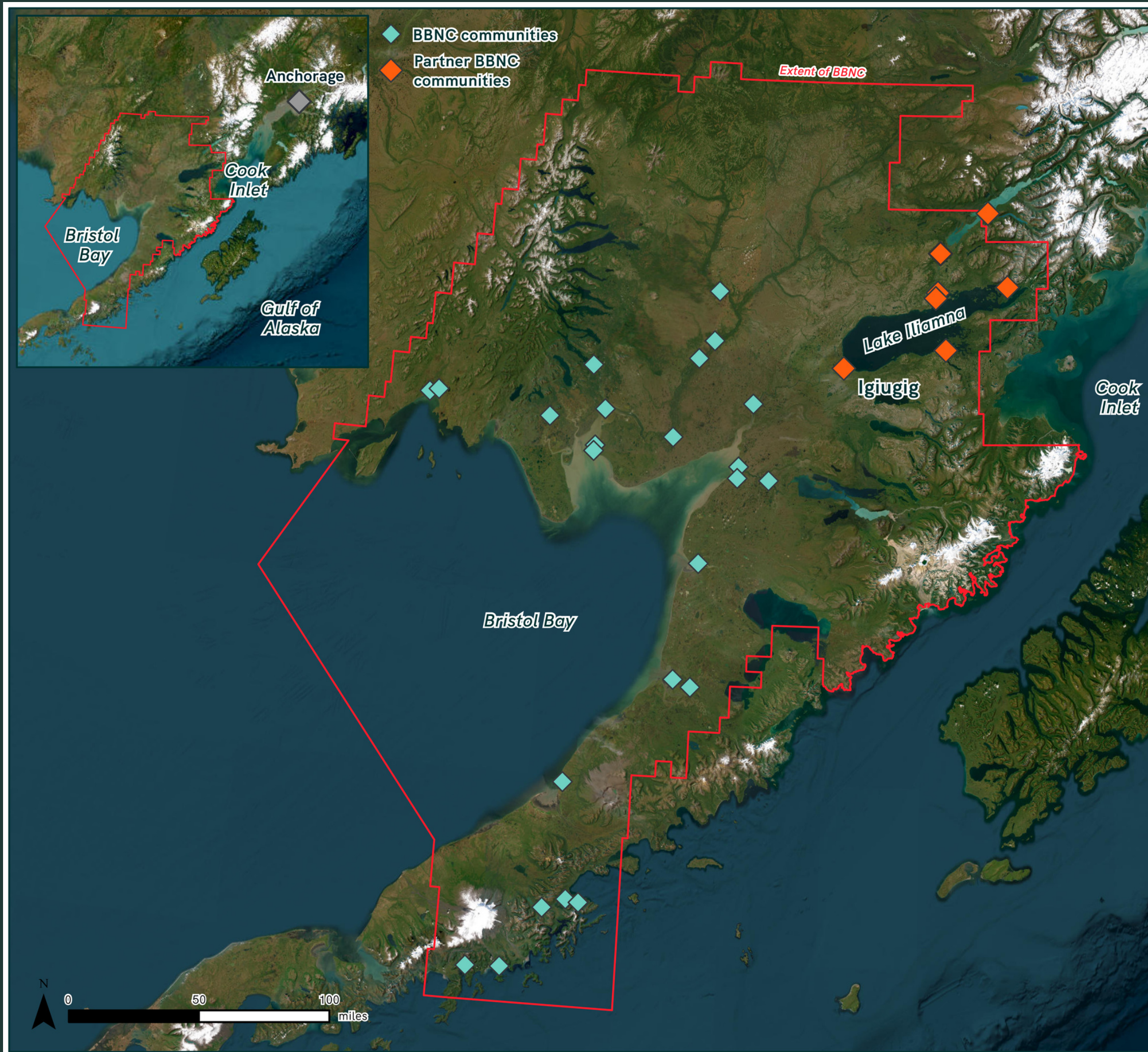
Join us!



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Quyana!



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Alaska
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References

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Media by Nathaniel Wilder and Bill Kane