

The cumulative impacts of climate vulnerability and significant adverse impacts (SAIs) caused by bottom-contact fishing on vulnerable marine ecosystems (VMEs) in the North Pacific Fisheries Commission (NPFC) Convention Area

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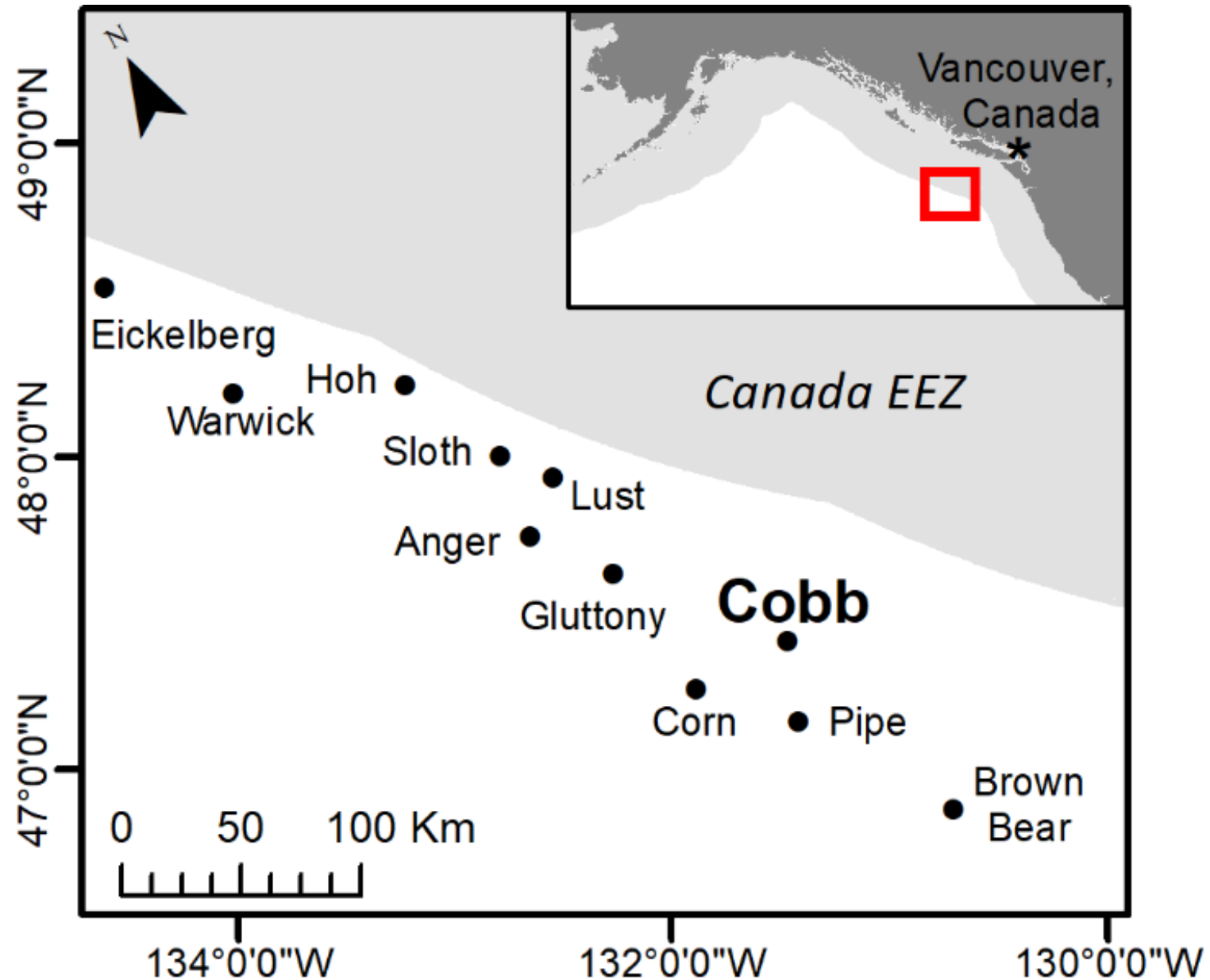
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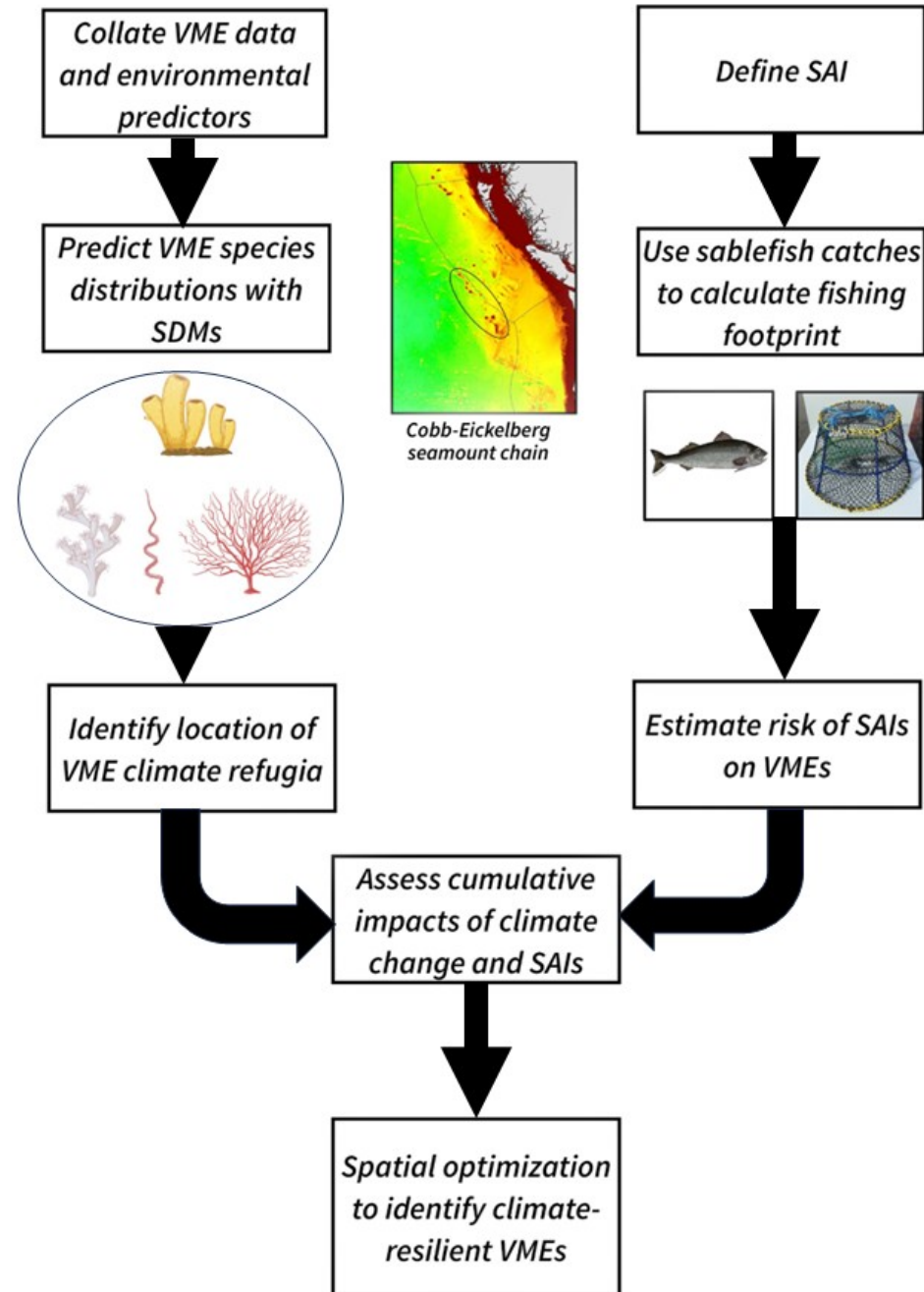
Objectives

- advance progress on defining SAI
- assess the cumulative risks of SAIs to VMEs caused by bottom-contact fishing and anticipated climate-induced changes
- use spatial optimization software to identify climate-resilient VMEs and potential VMEs to protect from SAIs

Study Area

Cobb – Eickelberg seamount chain in the Northeast Pacific Ocean





Research Proposal submitted to the Competitive Science Research Fund (CSRF)

- Submitted in December 2023
- Hope to have good news in April 2024
- Happy to share proposal text with colleagues



Photos from the Joint Canada-USA International Seamount Survey 2022