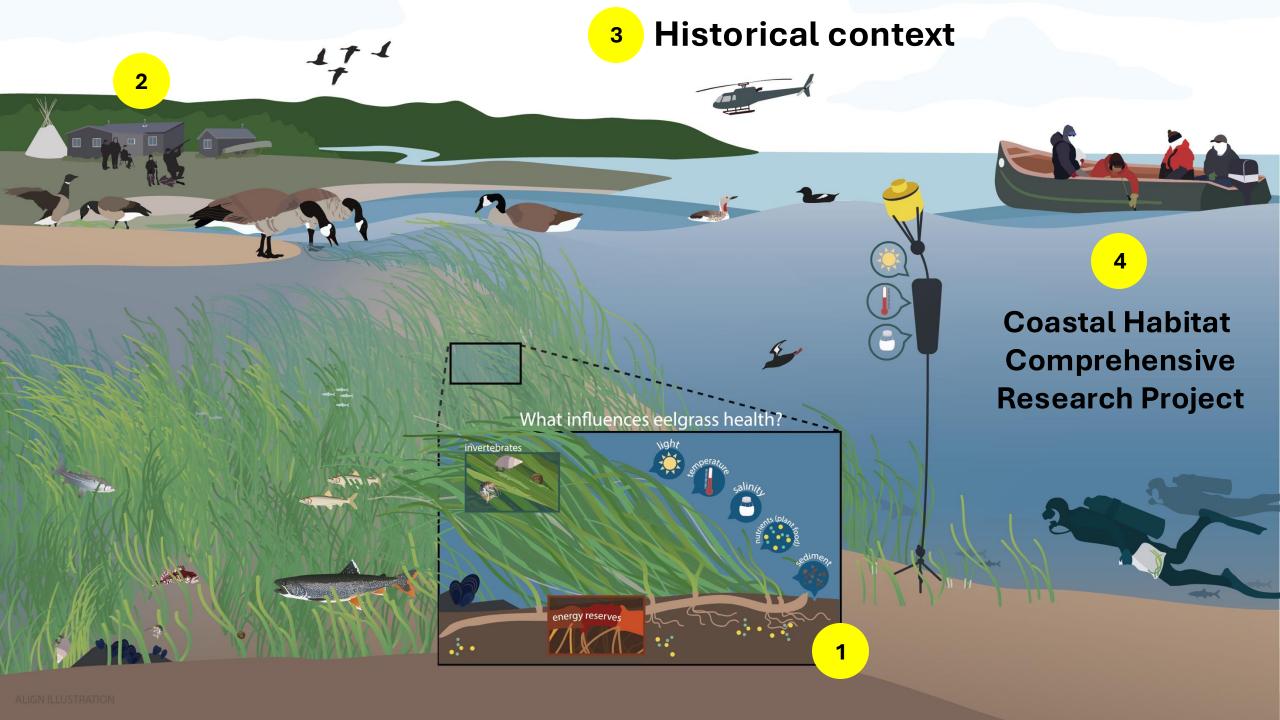
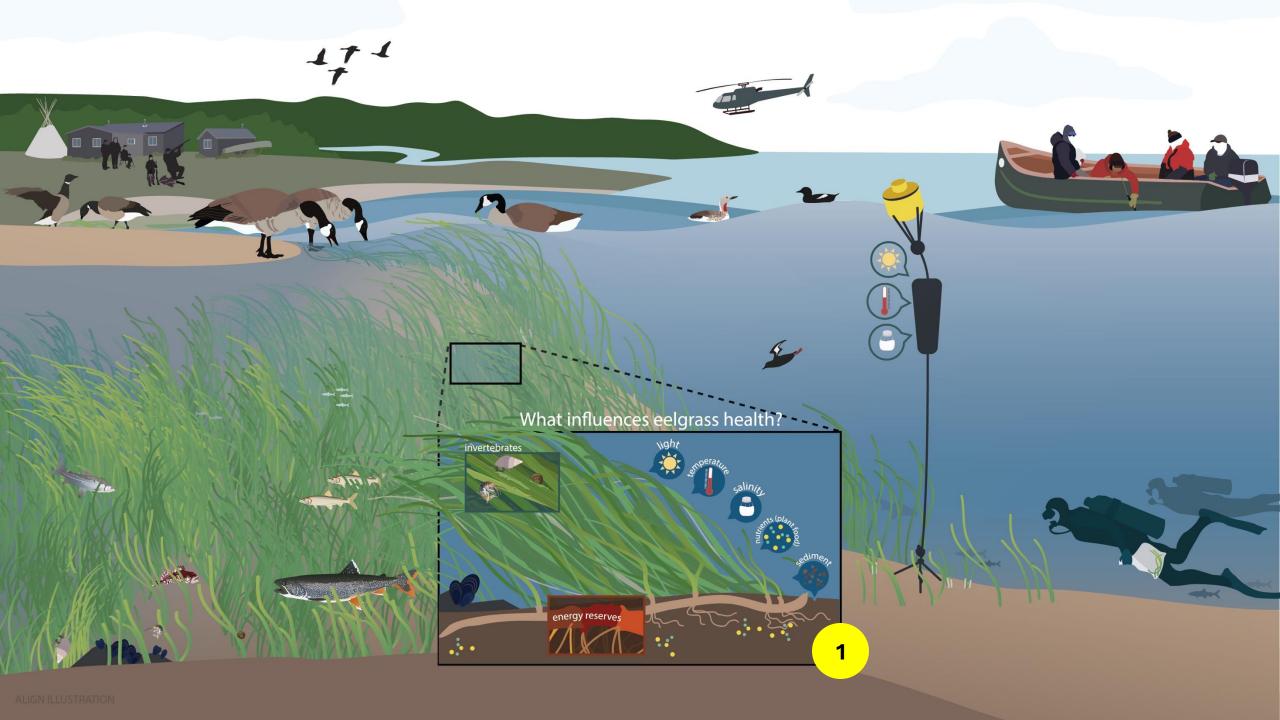
Eeyou Coastal Habitat Comprehensive Research Project

Mélanie Leblanc Ernie Rabbitskin

Zou Zou Kuzyk

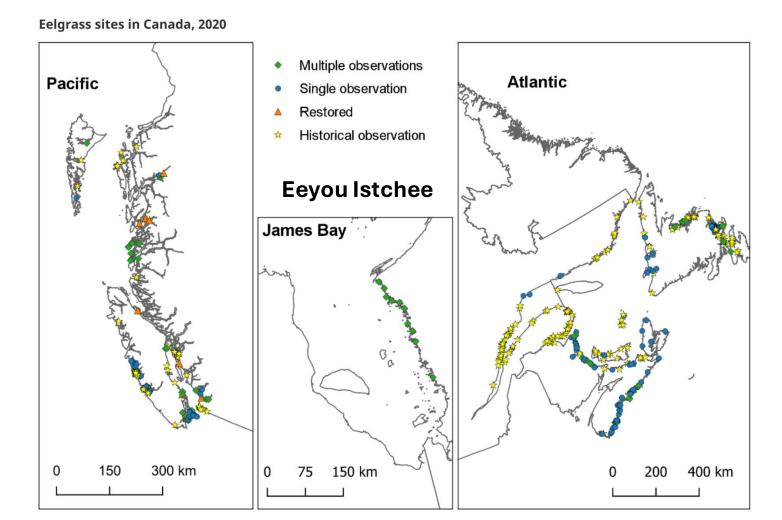




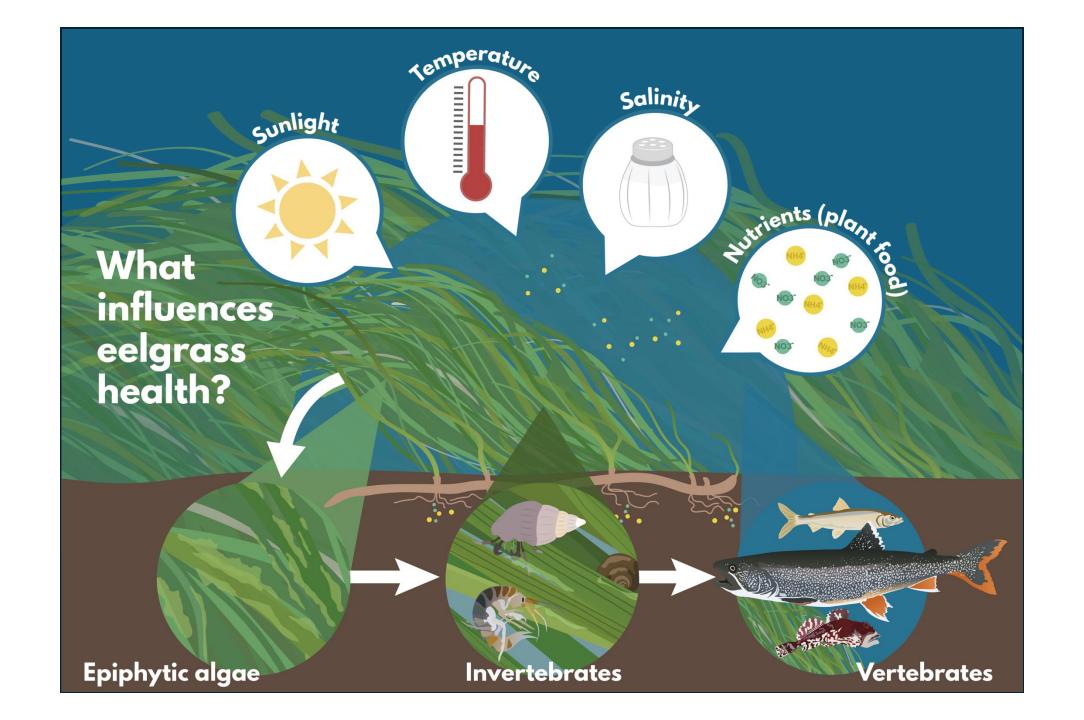


Shikaapaashkwk ∫b<'∾⁴"

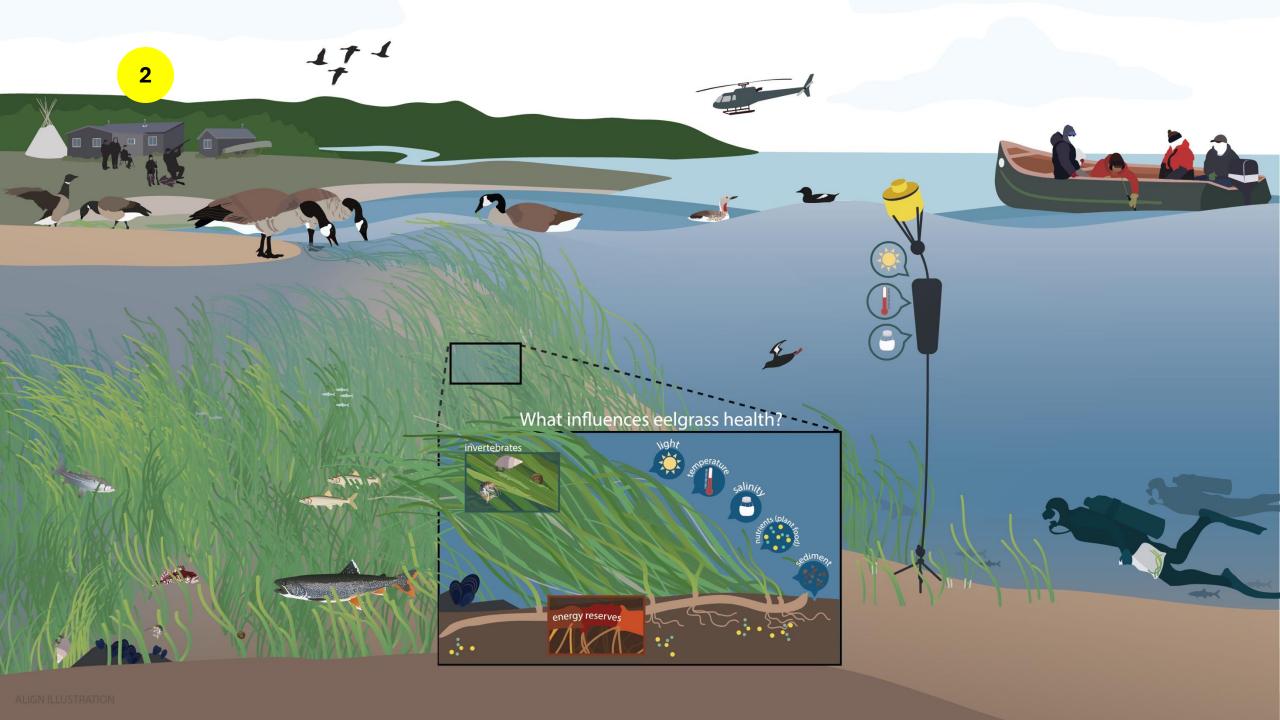
Eelgrass (Zostera marina)

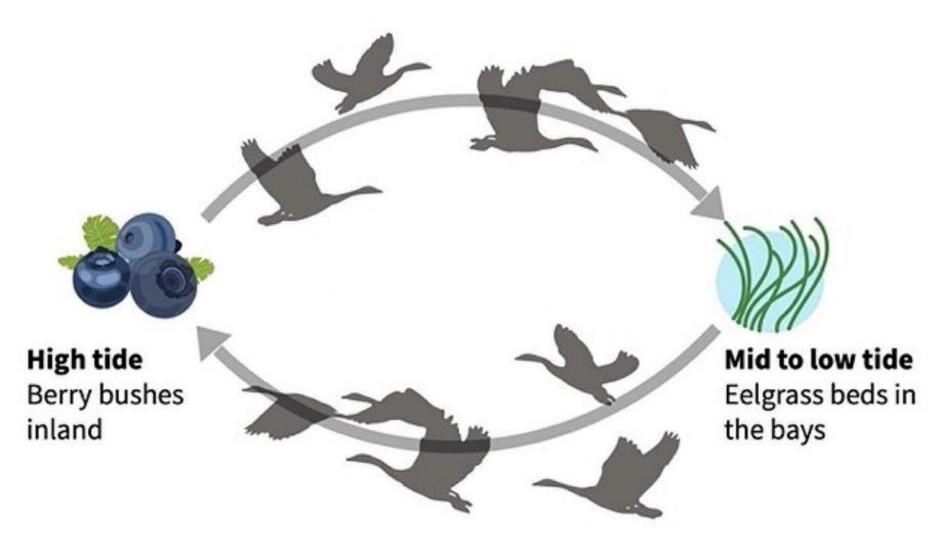


Environment and Climate Change Canada (2020) Canadian Environmental Sustainability Indicators: Eelgrass in Canada. Consulted on 02, 21, 2025.

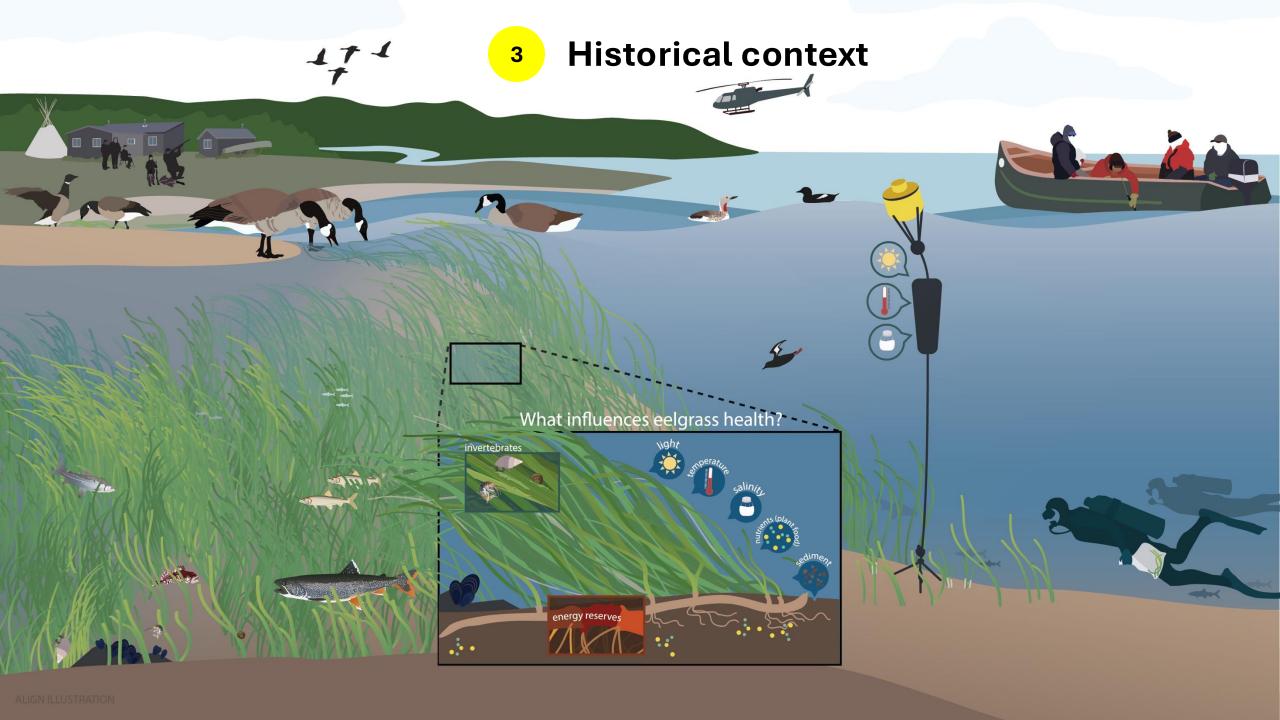


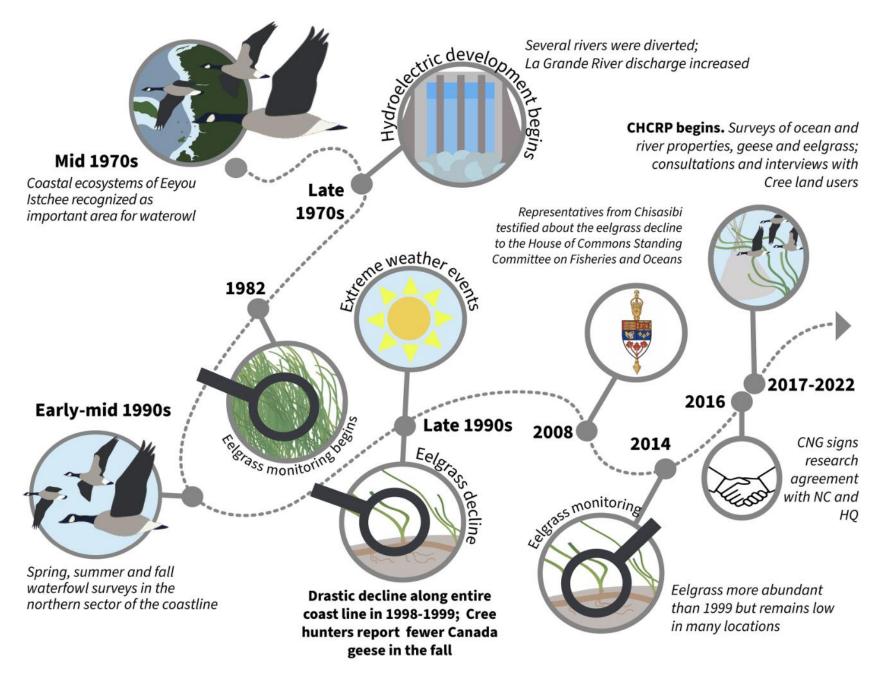






Idrobo et al. 2024





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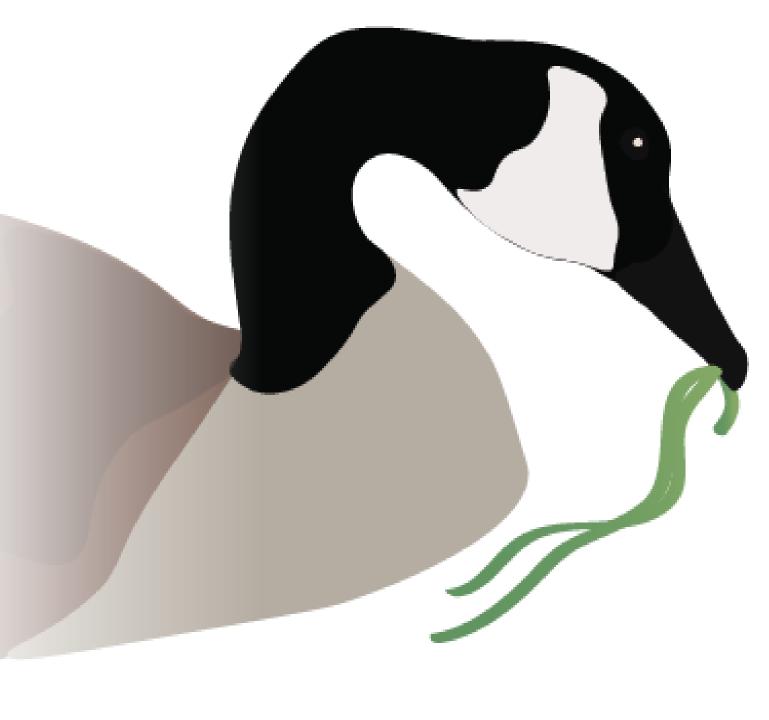
Eeyou Coastal Habitat Comprehensive Research Project is **Cree driven project**

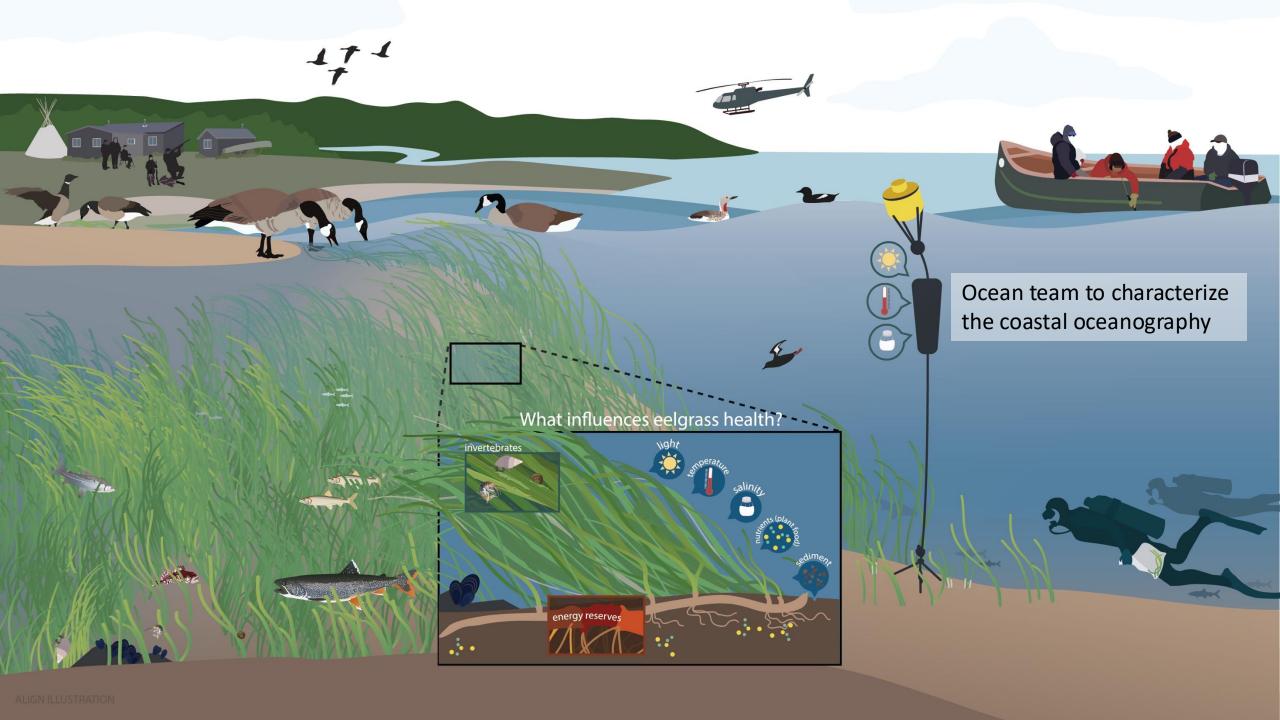


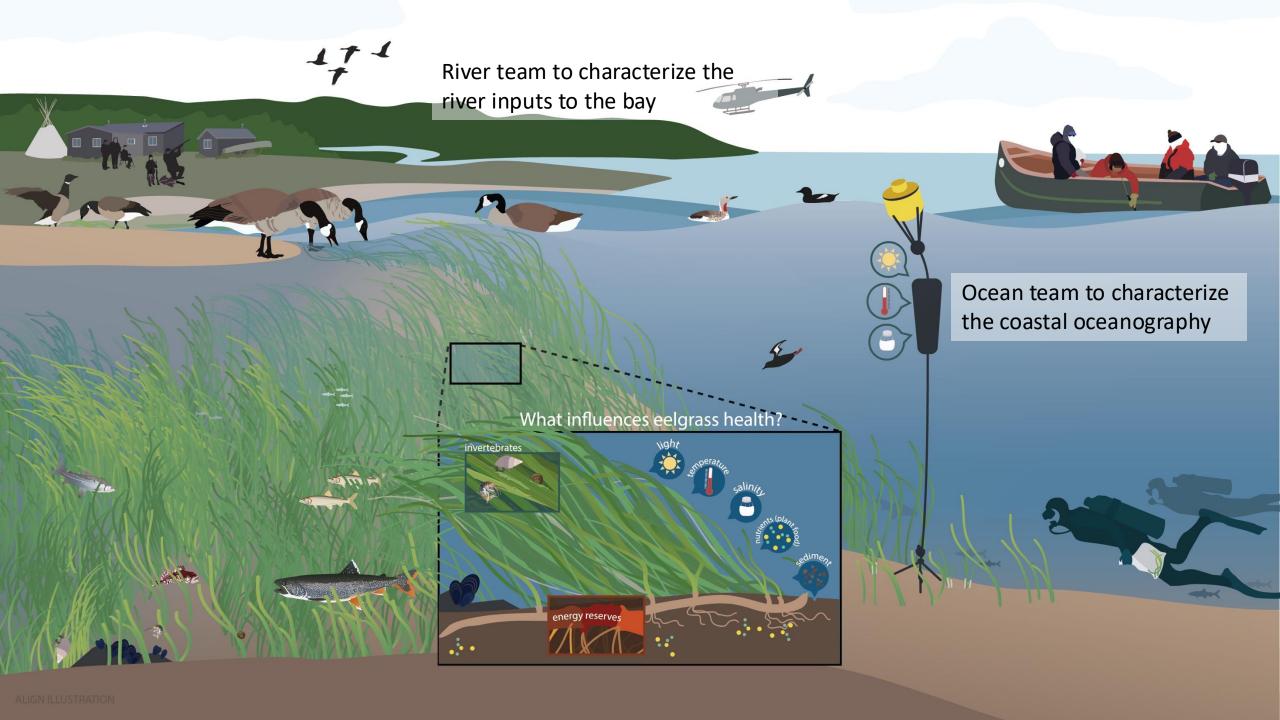
From 2017 to 2022, the project was governed by the following overarching questions:

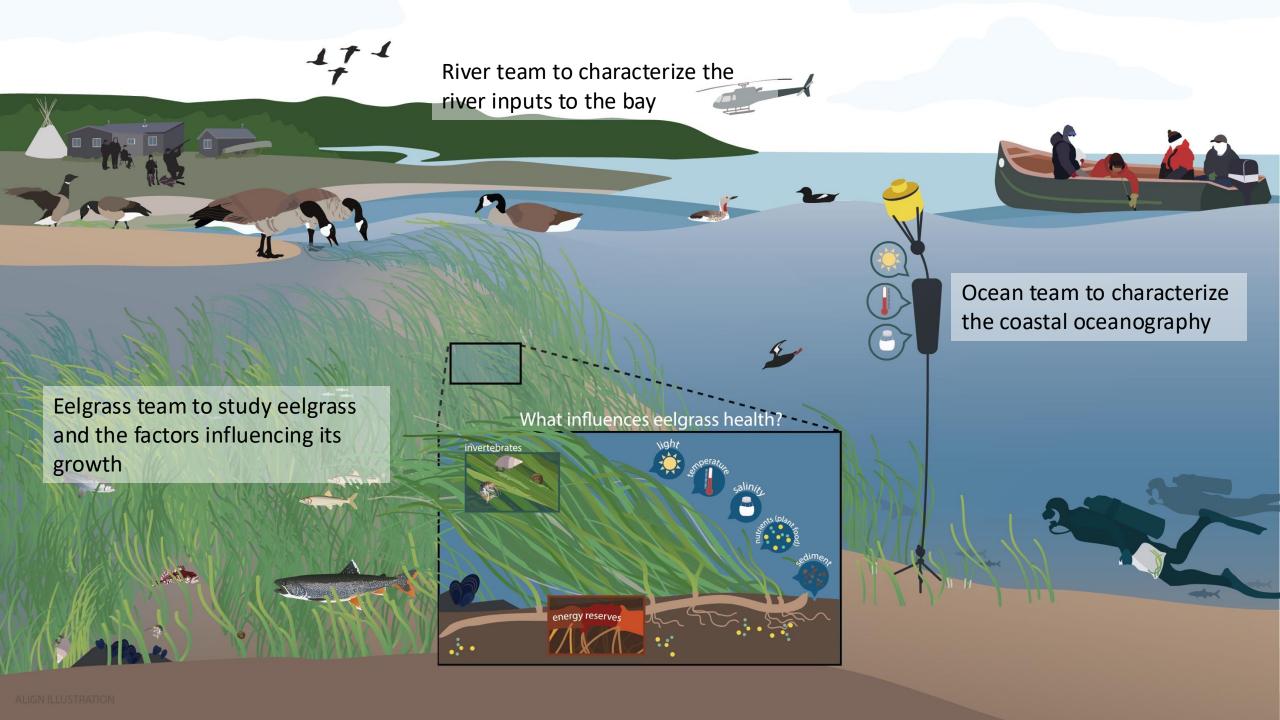
 What are the main factors affecting the current growth of eelgrass along the eastern coast of James Bay?

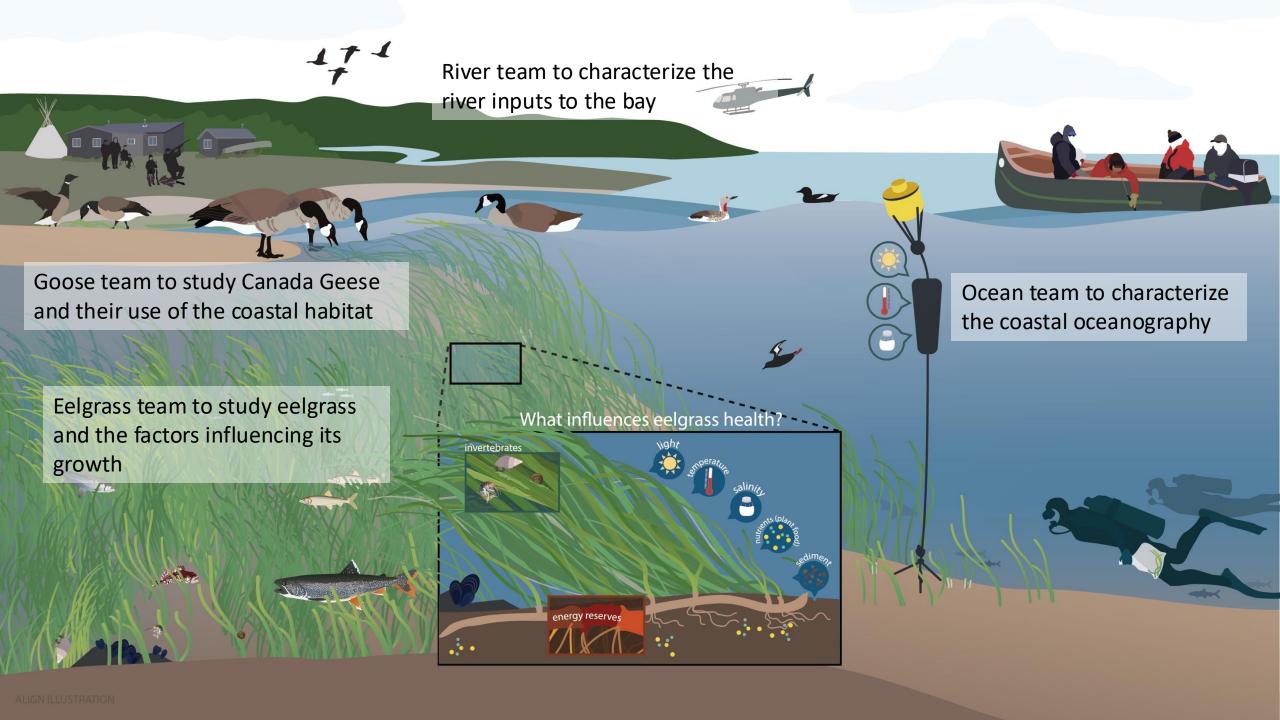
 What is the impact of the current state of eelgrass beds on waterfowl presence along the coast of James Bay and, subsequently, Cree hunting activities?

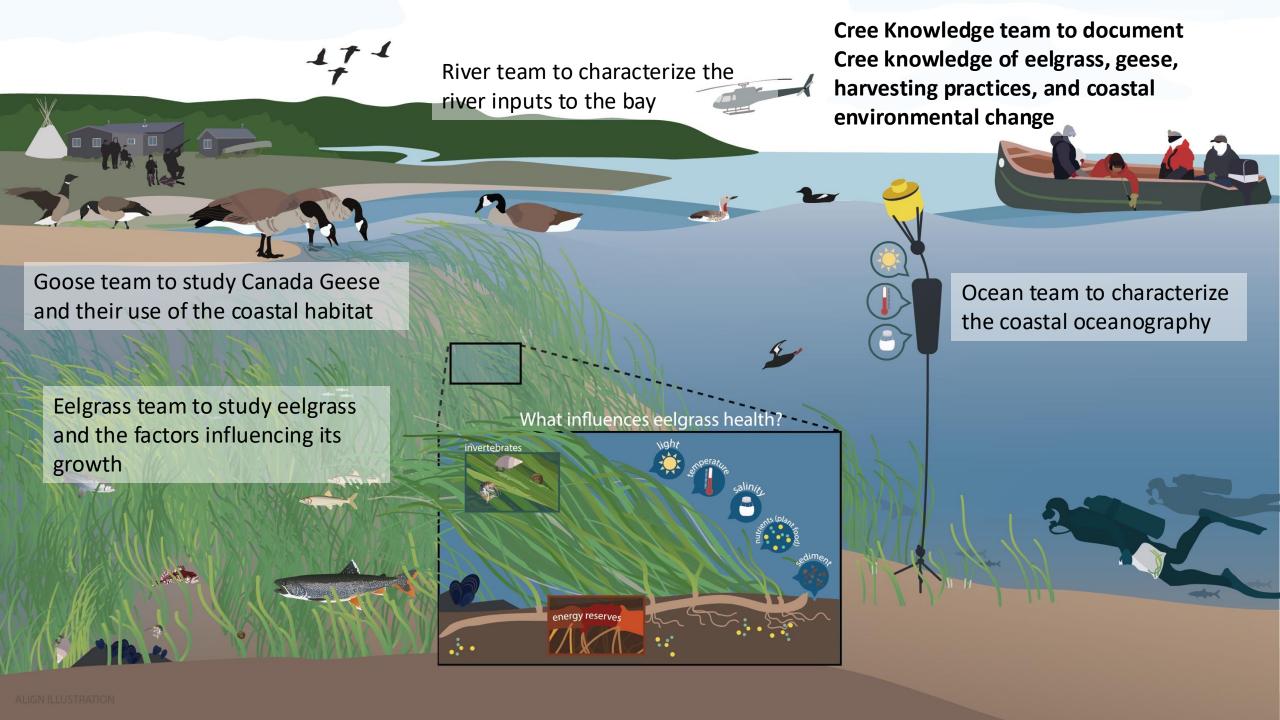












Cree partners keep large-scale eelgrass research track during pandemic

All-Cree team retrieves 'priceless' data from the bottom of James Bay

Bell, Susan · CBC News · Posted: Sep 23, 2020 7:00 AM ADT | Last Updated: September 23, 2020

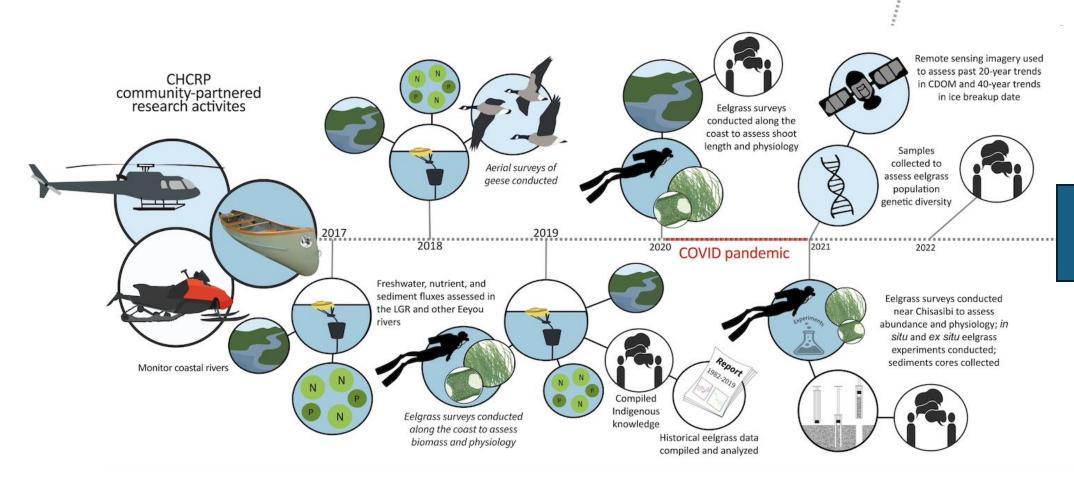


Wemindji diver Henry Stewart was a key member of an all-Cree team that stepped in when COVID-19 trarestrictions kept southern researchers away. (Submitted by Henry Stewart)







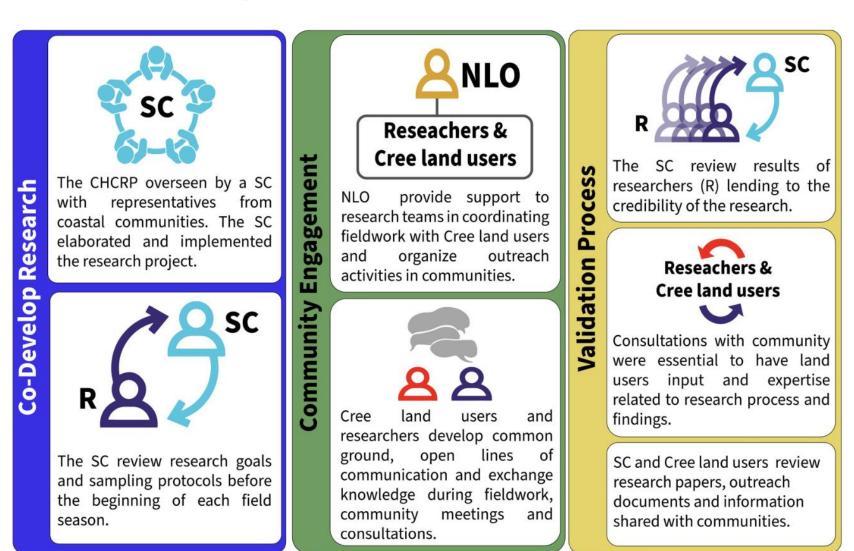


CHCRP FINAL SYMPOSIUM 2022



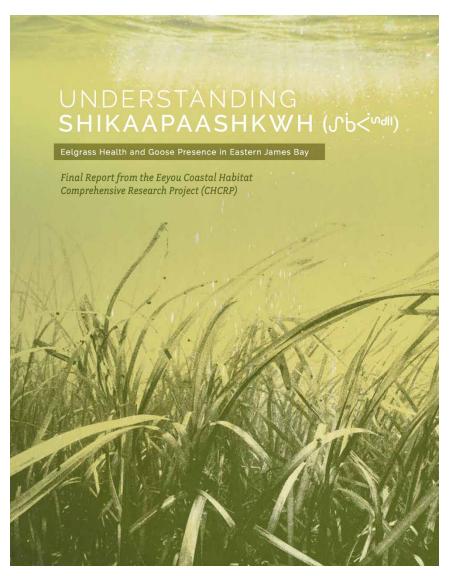
Final report

Fig. 4. Workflow towards co-developing research, promoting community engagement and validation process in the Coastal Habitat Comprehensive Research Project. The feedback loops between researchers (R), CHCRP-Streering Committee (SC), and Cree land users indicate an iterative process. NLO: Niskamoon local officer.



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CHCRP Phase I 2017-2022



LAND USERS LOCAL GOV. **FEEDBACK**



CHCRP Phase II 2024-2029

RESEARCH TO INFORM COMMUNITY-BASED MONITORING



Cree-driven community-partnered research on coastal ecosystem change in subarctic Canada: a multiple knowledge approach

Caroline Fink-Mercier ®a, Melanie L. Leblanc ®b, Fanny Noisette ®a, Mary O'Connor ®b, Julián Idrobo ®b, Simon Bélanger ®c, Paul A. del Giorgio ®d, Michaela de Melo ®d, Jens K. Ehn ®a, Jean-François Giroux ®d, Michael Gosselin ®a, Brigitte Leblon , Urs Neumeier ®a, Manon Sorais ®d, Murray M. Humphriesa, Christopher Pecka, Kaleigh E. Davis ®b, Alessia Guzzi ®a, Virginie Galindoa, Armand LaRocque ®f, Marc Dunn , Réal Courcelles, Carine Durocher , Jean-Philippe Gilbert , Robbie Tapiatic , Ernie Rabbitskin , and Zou Zou A. Kuzyk ®b

Describes the co-development process



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Describes the co-development process

Losing Shikaapaashkw: hydropower development and climate change caused eelgrass ecosystem collapse and social-ecological regime shift

Authors: Kuzyk, Zou Zou A.¹, Leblanc, Mélanie^{2,3}, Ehn, Jens¹, Crawford, Alex¹, Peck, Chris¹, Guzzi, Alessia¹, Stocking, Madelyn¹, Idrobo, Julián², Knight, Nicole², Davis, Kaleigh², Dunn, Marc³, Rabbitskin, Ernie³, Bélanger, Simon⁴, Noisette, Fanny⁴, Gosselin, Michel⁴, Fink-Mercier, Caroline⁴, Neumeier, Urs⁴, Walch, Daniela⁴, de Melo, Michaela⁵, del Giorgio, Paul⁵, Humphries, Murray⁶, O'Connor, Mary I.^{2,7}

Using the multiple knowledge approach to determined what factors are affecting eelgrass

