

School of Earth and Environmental Sciences

Colloquium Series

Dr. Emma Harrison

Postdoctoral Scholar
Department of Oceanography, Dalhousie University
Halifax, Nova Scotia

Wednesday, May 3rd, 2023
12:15 – 1:30 PM

Location: Science Building, C-207

Co-producing Research Questions and Solutions to Coastal Erosion in Nunatsiavut, northern Labrador

Nunatsiavut is the homeland of Labrador Inuit and the first Inuit region in Canada to achieve formal self-governance. Continued access to significant places and cultural practices are local priorities for climate change resilience. Recent increases in coastal erosion threaten many such places in Nunatsiavut. In this community-led research effort, we integrate multi-generational Inuit knowledge with instrumental monitoring of topographic changes, winds, waves, and sea level at Webb's Bay, a site identified as a bellwether of coastal change in the region, to assess bluff stability under potential future geomorphic conditions and inform context-appropriate engineering efforts aimed at decelerating beach loss.



Dr. Emma Harrison

Bio:

Emma is a postdoctoral fellow in the Department of Oceanography at Dalhousie University, working with supervisor Dr. Eric Oliver. Previously, she held postdoctoral appointments in Geological Sciences at Stanford University and Earth Sciences at Scripps Institution of Oceanography. She holds a PhD in Geoscience from Scripps Institution of Oceanography and MA and BS degrees in Geographical Sciences from Arizona State University.

****THIS IS A HYBRID MEETING****

Zoom link for remote attendance:

<https://us02web.zoom.us/j/82229858276?pwd=UkNzM2FNY2p6cG42YjBmeHg0dGxNdz09>

Meeting ID: 822 2985 8276

Passcode: 515589