



COMMISSION FOR  
ENVIRONMENTAL  
COOPERATION

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# Nature-based Solutions (NBS) Webinars: From Theory to Practice – Reducing Flood Risks in Coastal Communities

Session 1- 14 May, 2025 | 2:00PM – 3:00PM Eastern Time



# Today's Speakers



## Celia Pigueron Wirz

General Coordinator of Climate Change  
Adaptation and Ecology,  
National Institute of Ecology and Climate  
Change, Mexico



## Trevor Meckley

Scientific Program Manager,  
NOAA Ocean Service, National Centers for  
Coastal Ocean Science



## Jordan Veinot

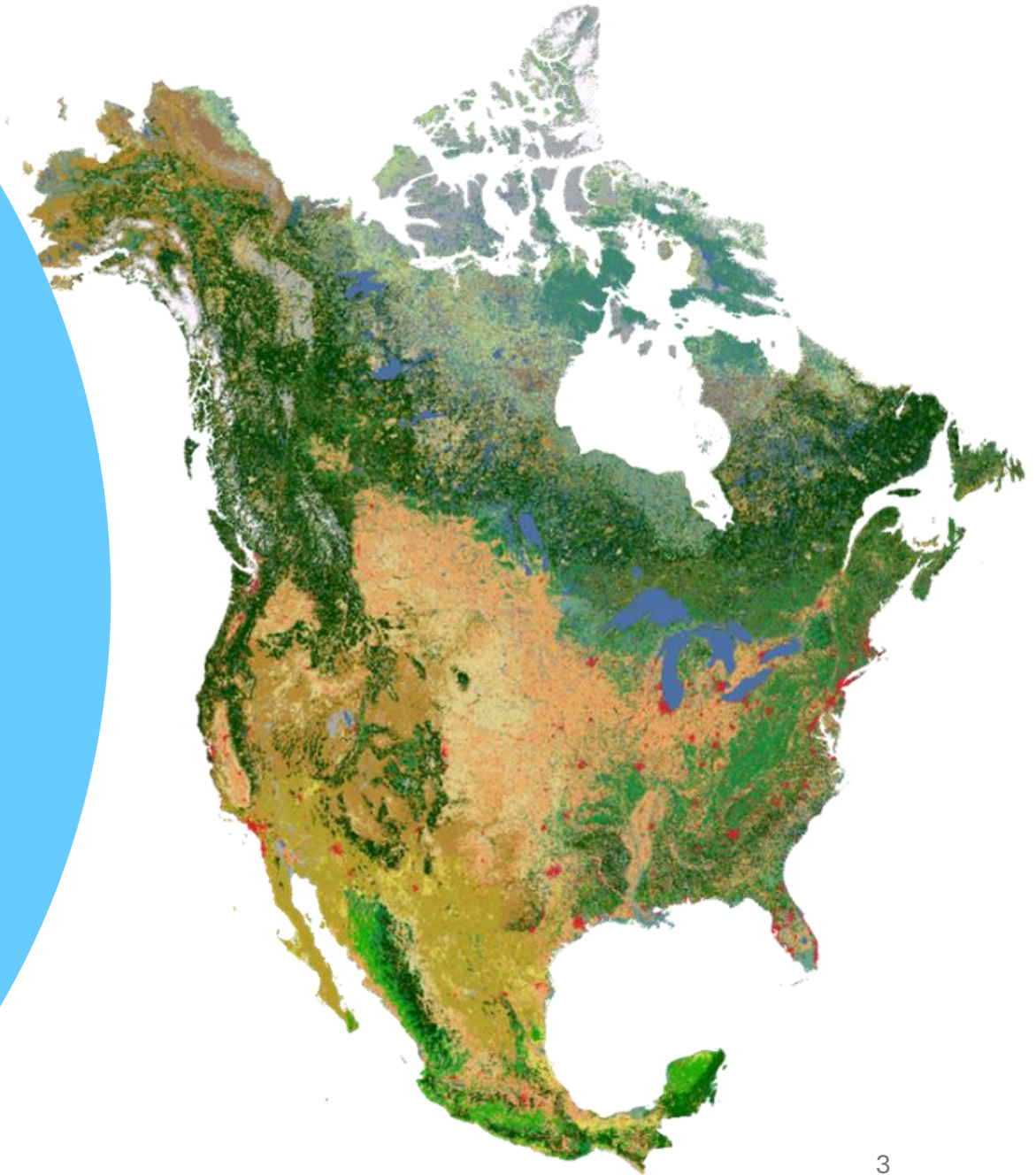
Climate Change Program Manager,  
Coastal Action

# CEC Mission

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Facilitate cooperation and community participation for the conservation, protection and enhancement of the North American environment.

Support sustainable development in benefit of present and future generations.



# Nature-based Solutions to Address Flooding in Coastal Cities

## Project Objectives

1 – Provide a first opportunity for NBS practitioners, working across North America in a broad range of disciplines, to lay the foundation for a community of practice

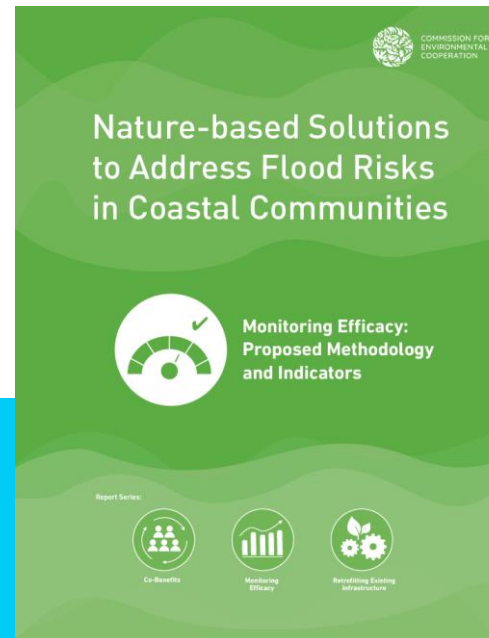
2 – Provide knowledge and tools for communities to support NBS implementation

3 – Share practical experience on NBS



Natural Resources Canada  
Housing, Infrastructure and Communities Canada  
National Research Council Canada  
Procuraduría Federal de Protección al Ambiente  
Secretaría de Medio Ambiente y Recursos Naturales  
National Oceanic and Atmospheric Administration  
United States Department of State

# Upcoming Project Publications



[www.cec.org/publications/](http://www.cec.org/publications/)



# Celia Pigueron Wirz

General Coordinator of Climate Change Adaptation and Ecology,  
National Institute of Ecology and Climate Change, Mexico

*NBS as adaptation approaches, and challenges to their  
implementation within the framework of the National Climate  
Change Adaptation Policy of Mexico*



# Trevor Meckley

Scientific Program Manager,  
NOAA Ocean Service, National Centers for Coastal Ocean Science

*Coastal Vulnerability and Flood-Risk Reduction in the United States:  
Examples of Science Informing Natural Infrastructure from the Gulf,  
Pacific, and Atlantic Coasts*



# Jordan Veinot

Climate Change Program Manager,  
Coastal Action

*Case study from Canada: The Mahone Bay Living Shoreline Project*

## NBS webinars – Session 2

Thursday, 22 May

2:00 PM – 3:00 PM Eastern Time

# Speakers



## Curt D. Storlazzi

Research Geologist,  
United States Geological Survey  
*Coral Reefs as National Natural Infrastructure  
for Risk Reduction: Implications for the Public  
and Private Sectors*



## Pilar Angélica Gómez Ruiz

Senior Researcher,  
Centro de Investigaciones Científicas de Yucatán  
*Mangrove Allies: Local Communities  
Participating in Mangrove Restoration*



## Kirsten Ellis

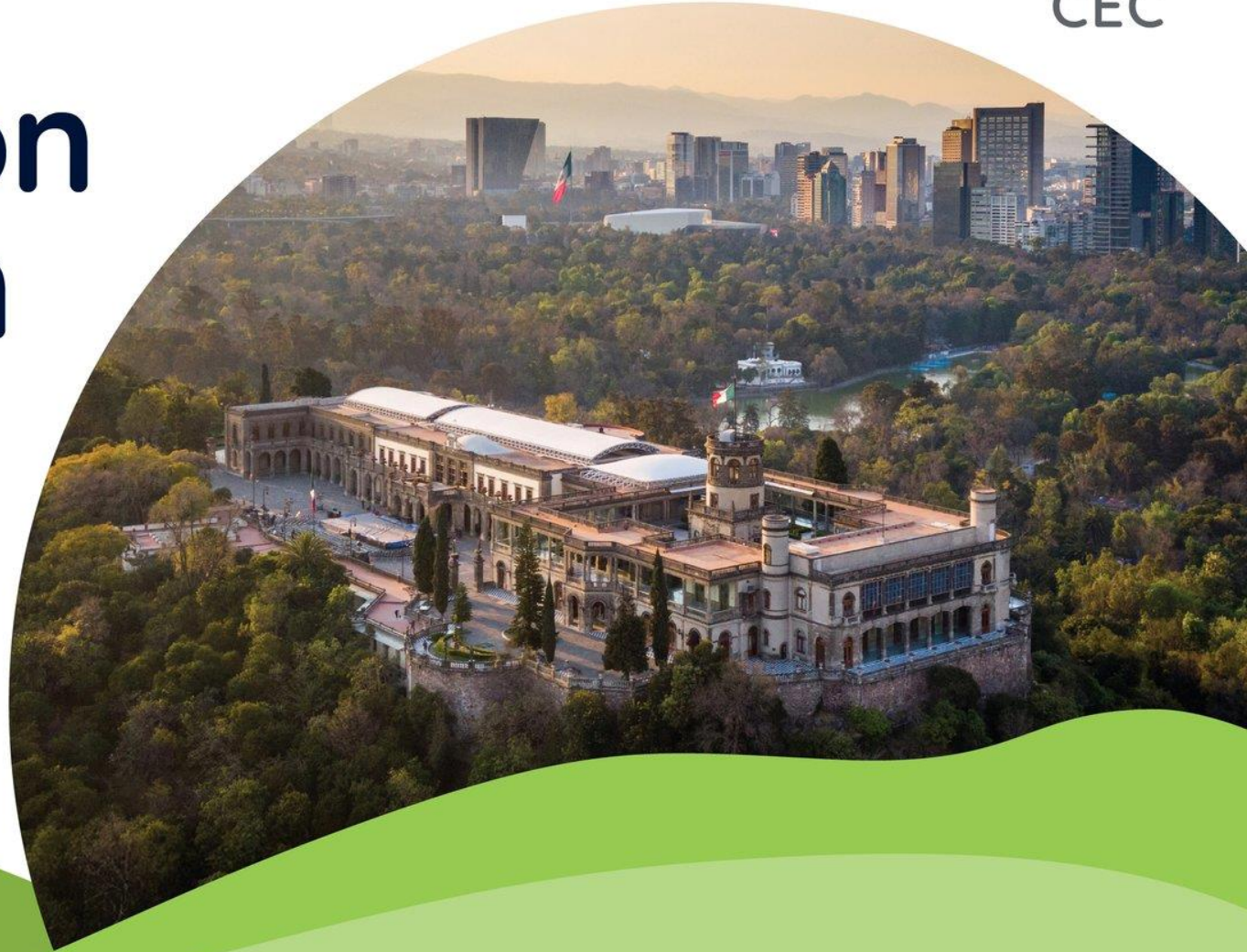
Coastal Adaptation Specialist,  
CB Wetlands & Environmental Specialists  
(CBWES)  
*Shippagan Gully Conservation Offsetting Project*

# #CEC32 Council Session & JPAC Forum

Mexico City, Mexico  
24-25 July 2025



CEC



Thank You!

Three countries. One environment.  
Tres países. Un medio ambiente.  
Trois pays. Un environnement.



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