



Welcome!

The program will begin at 9AM.

Welcoming Remarks

Hannah Pingree

Director, Governor's Office of Policy Innovation and the Future

Catherine Conlow

Executive Director, Maine Municipal Association

Ivan Fernandez

Professor of Soil Science, University of Maine Climate Change Institute

Susie Arnold

Senior Ocean Scientist, Island Institute





SCIENCE-INFORMING CLIMATE RESPONSES IN MAINE COMMUNITIES

Susie Arnold, PhD

ISLAND 40 YEARS
INSTITUTE

Ivan Fernandez, PhD

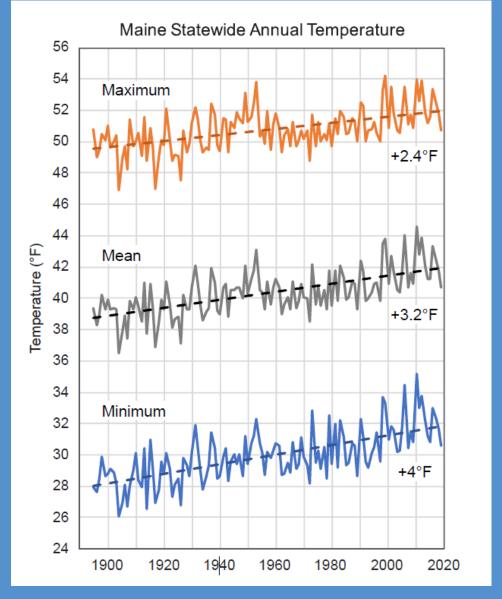
1865 THE UNIVERSITY OF
MAINE

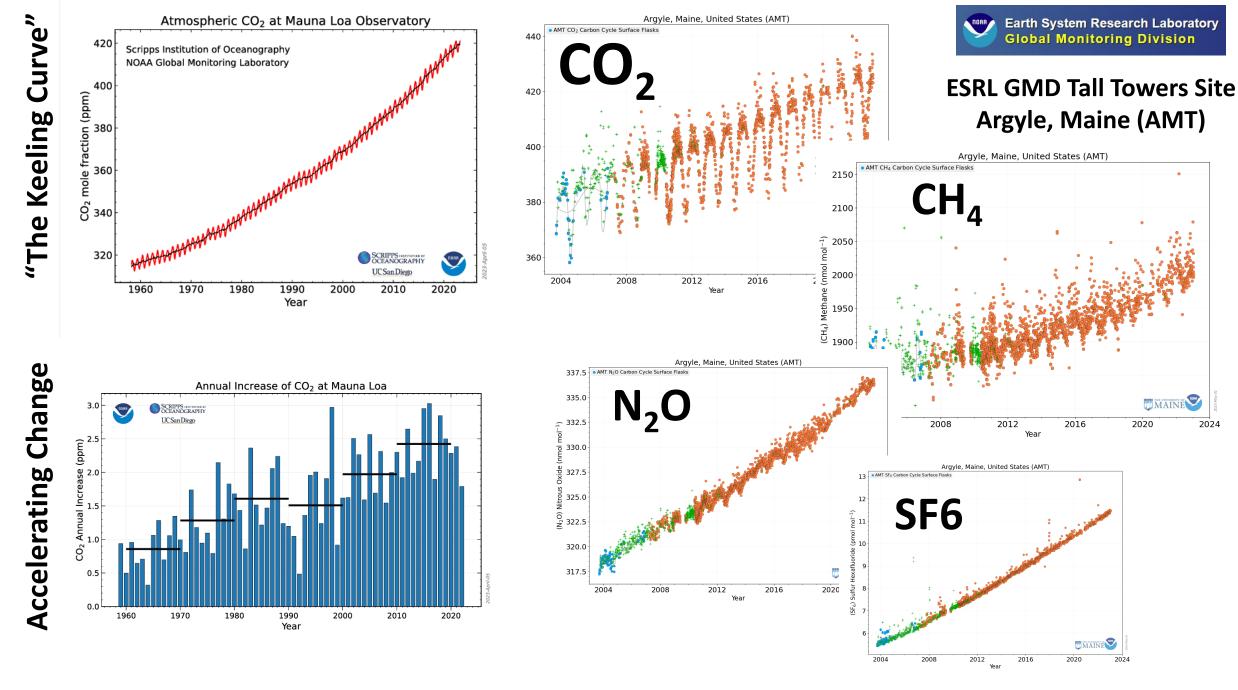
Maine Climate Council
Scientific and Technical Subcommittee
May 11, 2023



Maine Climate Science Assessment







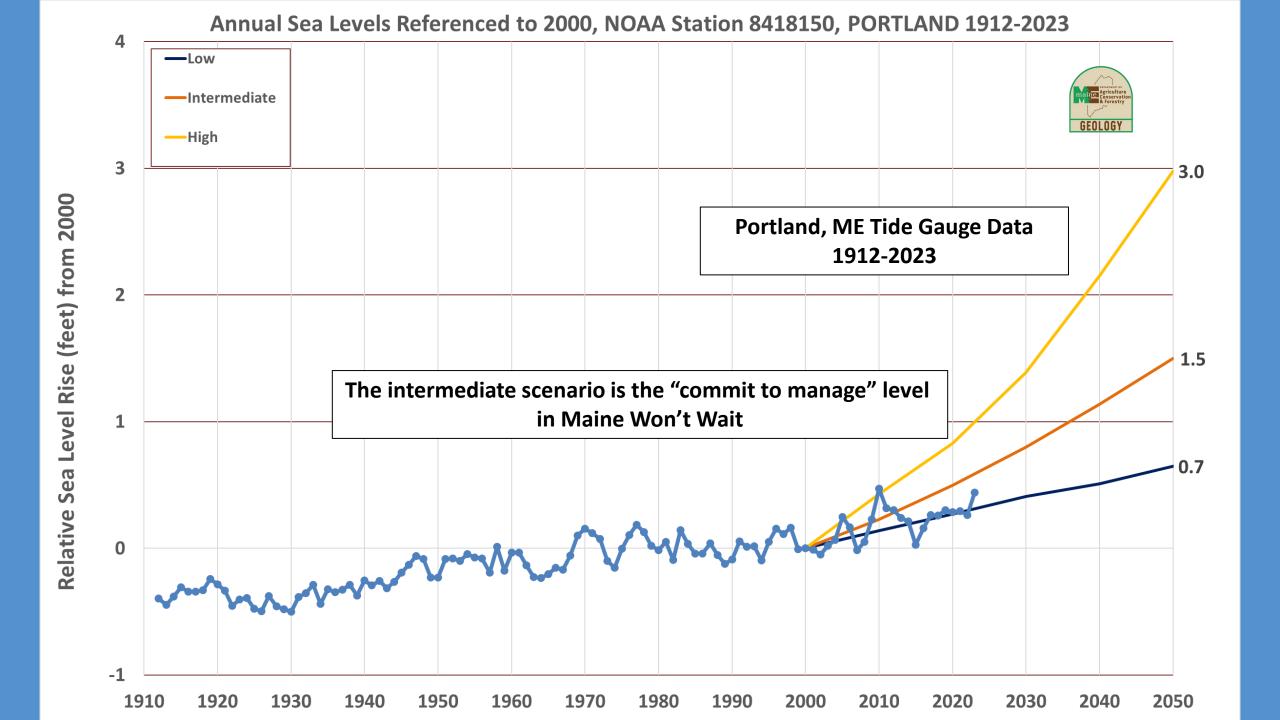


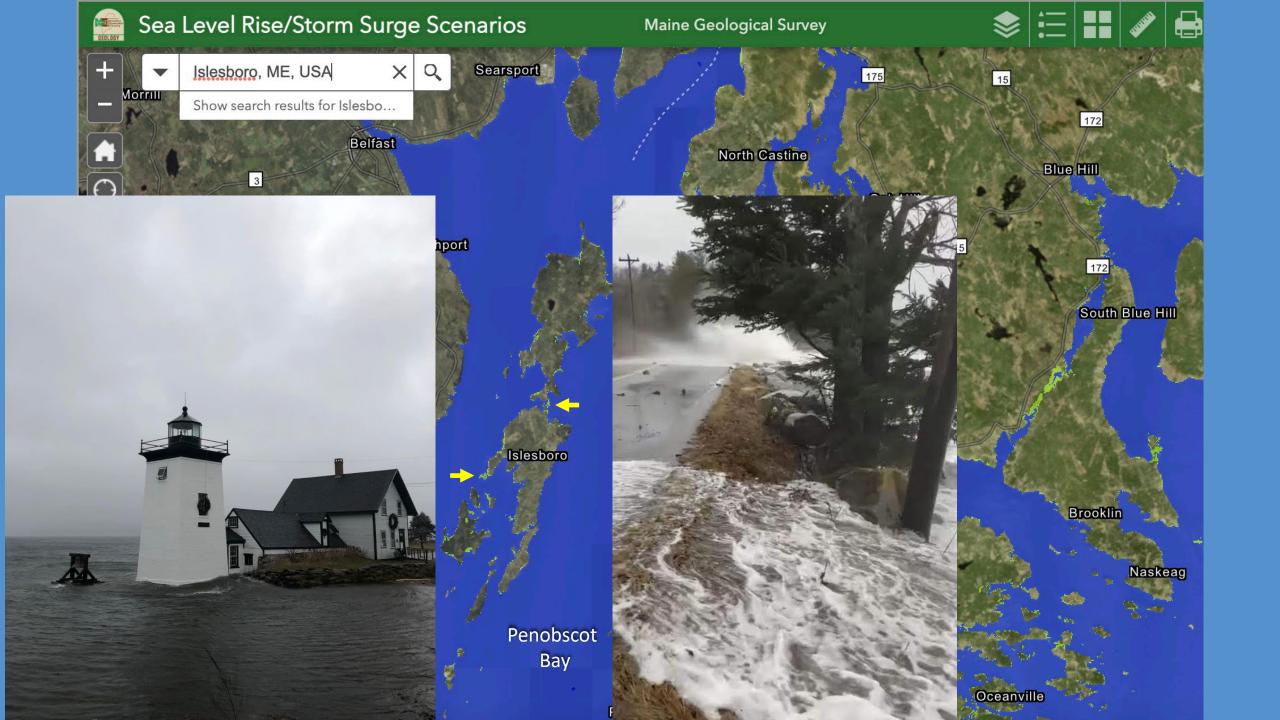
maine.gov/climateplan/dashboard



Resilience & Sustainability Award

"Driven by clear goals and metrics combined with scientific analysis, the plan coordinates statewide action that is already seeing results. Maine Won't Wait demonstrates the importance of planning in ensuring programming and policy decisions move the needle toward a more resilient future."





COMMUNITY ACTION GRANTS Spring and Fall 2022

Islesboro

\$50,000

The Narrows and Beyond: Resilience Planner Pilot

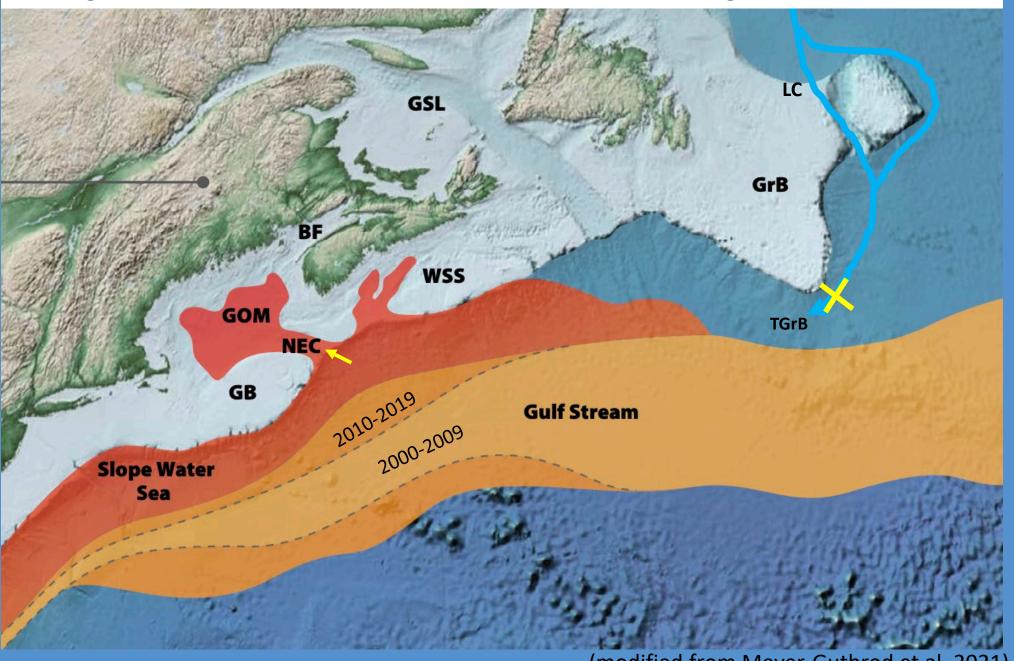
Core samples of marsh

Tide tracker installation with UMaine

SLR art installation

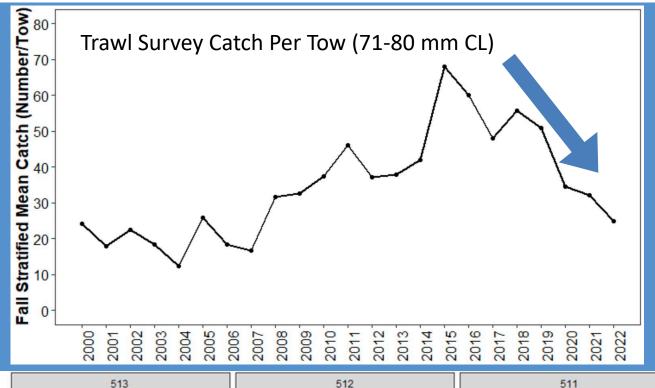


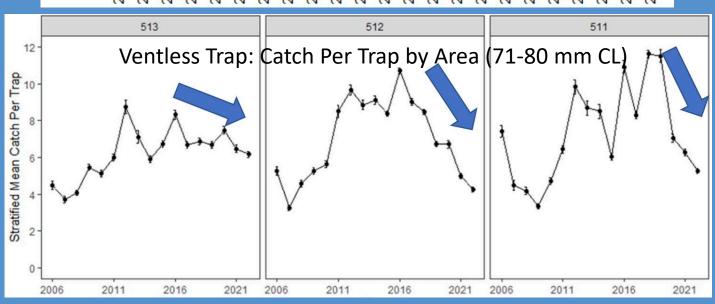
Changes in Ocean Circulation = warmer water entering the Gulf of Maine



(modified from Meyer-Gutbrod et al. 2021)

Sublegal Lobster Survey Results Over Time- Downward Trends

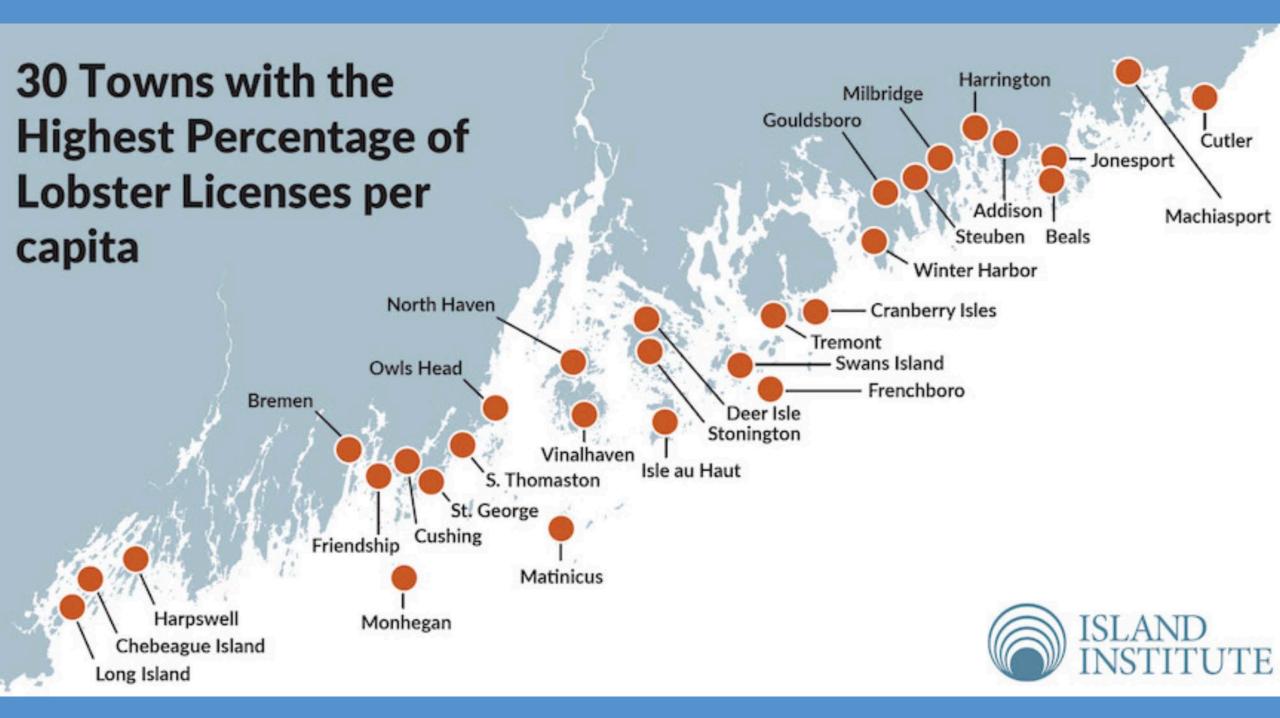








(data from Maine DMR)



Impacts of Changing Ocean Conditions on the North Atlantic Right Whale

