State Legislation on Ocean & Coastal Acidification

Webcast sponsored by EPA's Watershed Academy in partnership with the Coastal States Organization (CSO)





Thursday, March 19, 2020, 2:00pm – 4:00pm Eastern

Speakers:

- Holly Galavotti, Office of Wetlands, Oceans and Watershed, EPA
- Mike Molnar, Deputy Director, Coastal States Organization (CSO)
- Justine Kimball, Senior Program Manager, California Ocean Protection Council
- Caren Braby, Marine Resources Program Manager, Oregon Department of Fish and Wildlife
- Donald Witherill, Director, Division of Environmental Assessment, Maine Department of Environmental Protection

Watershed Academy Webcast

www.epa/gov/watershedacademy

- The slides for today's presentations are posted.
- A recording will be posted within the next month.

Webcast Logistics

- To Ask a Question Type your question into the "Questions" tool box on the right side of your screen and click "Send."
- To Report any Technical Issues (such as audio problems) – Type your issue in the "Questions" tool box on the right side of your screen and click "Send" and we will respond by posting an answer in the "Questions" box.

Speakers

- Holly Galavotti, Office of Wetlands, Oceans and Watershed, EPA
- Mike Molnar, Deputy Director, Coastal States Organization (CSO)
- Justine Kimball, Senior Program Manager, California Ocean Protection Council
- Caren Braby, Marine Resources Program Manager, Oregon Department of Fish and Wildlife
- Donald Witherill, Director, Division of Environmental Assessment, Maine Department of Environmental Protection



- Established in 1970 by appointed representative from the nation's coastal states.
- Mission: Support the shared work and vision of the coastal states and territories for the protection, conservation, responsible use, and sustainable economic development of the nation's coastal resources.
- Vision: The nation's coastal areas are sustainably managed to balance economic and resource values and uses.

Learn more: www.coastalstates.org

SUPPORTING HEALTHY COASTS & STRONG COASTAL COMMUNITIES

SEPA Ocean & Coastal Acidification Program Activities

Monitoring and Assessment

- National Estuary Programs (NEP) conduct OCA monitoring
 - Progress Report Synthesis and Lessons Learned (in draft, complete in 2020)
 - Regional Data Analysis (in draft, complete in 2020)
 - Guideline on Coastal Acidification Data Management & Data Sharing (in draft, complete in 2020)
- National Coastal Condition Assessment (NCCA 2020) adding total alkalinity as a research parameter for 750 sites in the contiguous U.S.



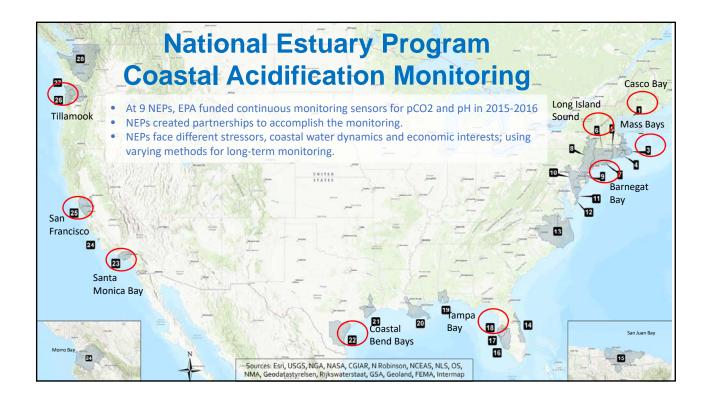
Office of Research and Development, EPA

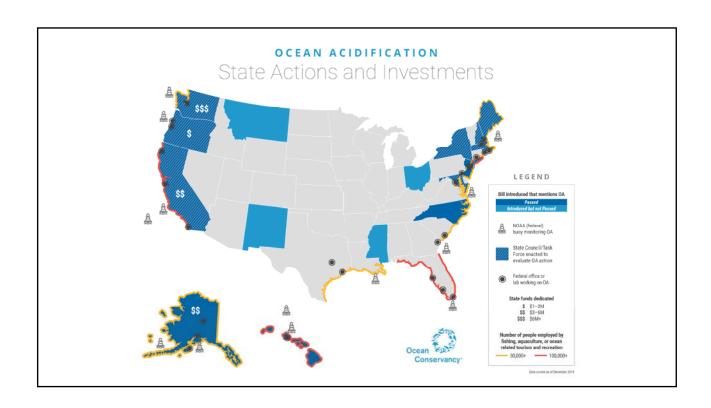
 Atlantic Coastal Environmental Sciences Division in Narragansett, RI & Pacific Ecological Systems Division in Newport, OR conduct monitoring and research on the ecological impacts of coastal acidification.

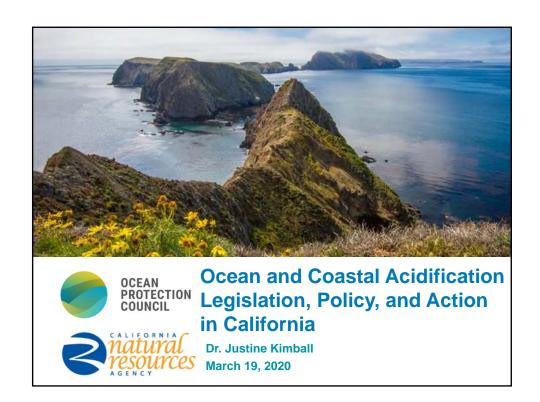
Coordination

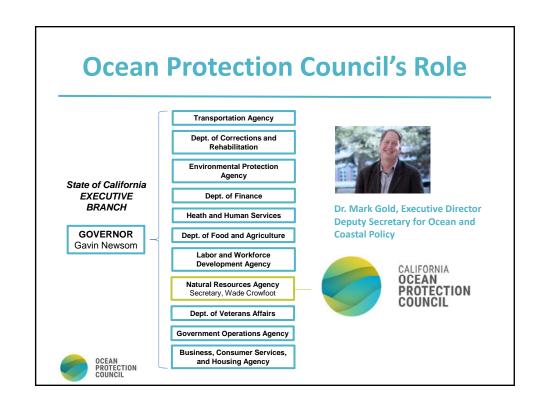
- Inter-Agency Working Group on OA
- OA Information Exchange

https://www.epa.gov/ocean-acidification









Council Members



Wade Crowfoot Secretary for Natural Resources, Council Chair



Betty T. Yee



Jared Blumenfeld Secretary for Environmental Protection



Ben Allen, State Senate



Mark Stone, State Assembly



Public Member



Jordan Diamon Public Member



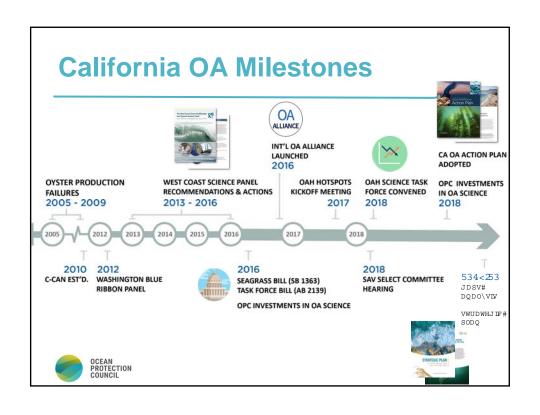
Our Mission and How We Work

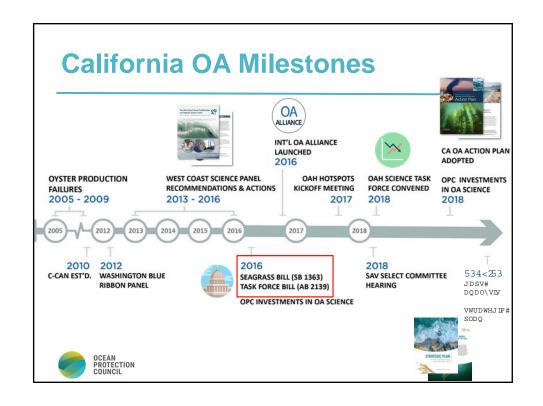
California Ocean Protection Act, 2004:

Ensuring healthy, resilient, and productive ocean and coastal ecosystems for the benefit of current and future generations. Committed to basing decisions and actions on best available science, and promoting the use of science among all entities involved in the management of ocean resources.









Legislation

SB 32 (Pavley, 2016) and AB 32 (Nunez, 2006) Statewide limit on GHG emissions

- Landmark legislation requiring California to reduce its overall greenhouse gas emissions to 1990 levels by 2020 and 40% below 1990 levels by 2030.
- By reducing emissions, we can better protect our marine ecosystems from the impacts of warming and OA.



Gov. Jerry Brown signs SB 32 on Sept 8, 2016



Legislation

SB 1363 (Monning, 2016) Ocean Protection Council: Ocean Acidification and Hypoxia Reduction Program

- Research how eelgrass functions for carbon dioxide removal and OA mitigation
- Identify where conservation or restoration of aquatic vegetation can be applied to mitigate OA
- 3. Consider this benefit, among many others when restoring and conserving this habitat
- Support science, monitoring and coordination to ensure management reflects best available science





Legislation

AB 2139 (Williams, 2016) Ocean Protection Council: Ocean Acidification and Hypoxia Task **Force**

- Directs the OPC to establish an OAH science task force to ensure that Council decision-making is supported by the best available science
- Requires the Council to annually adopt recommendations for further actions that may be taken to address OAH



CHAPTER 352

An act to add Section 35631 to the Public Resources Code, relating to



Task Force Members



Steve Weisberg Co-chair Southern California Coastal Water



Shallin Busch NOAA Northwest Fisheries Science Center



Francis Chan Co-chair Oregon State University



Sarah Cooley Ocean Conservancy



Jim Barry Monterey Bay Aquarium Research Institute



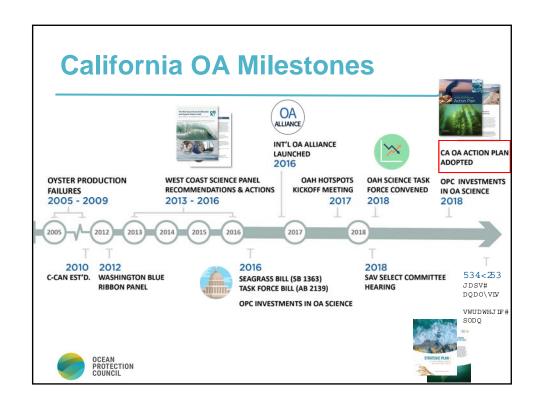
Richard Feely NOAA Pacific Marine Environmental



Alexandria Boehm Stanford University



Lisa Levin University of California, San Diego





10-year vision designed for integration into public agency operations

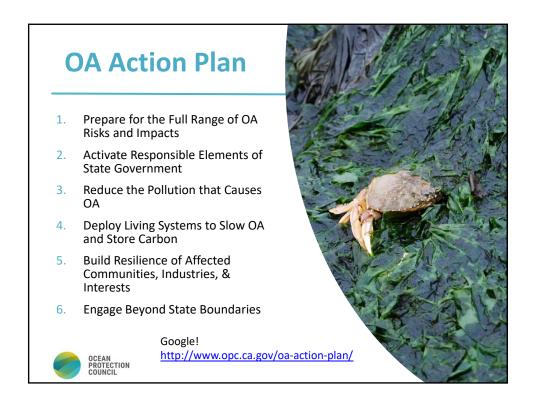


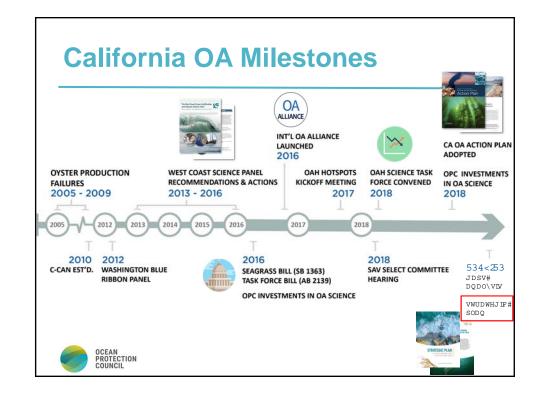
- Developed with input from 60+ experts across landscape
 - Ocean-use industries, state & fed gov, conservation community, science, and philanthropy
- OAH Science Task Force input
 - o Input & development of science implementation appendix
- Applied learning from other regions
 - WA, OR, ME, BC, Monaco, Latin America & the Caribbean, and the OA Alliance Toolkit





October 2018





Strategic Plan

Goal 1: Safeguard Coastal and Marine Ecosystems and Communities in the Face of Climate Change

Objective: Minimize Causes and Impacts of Ocean Acidification and Hypoxia

Targets..





Target 1.2.1:

Based on the latest scientific research, advance adoption of regulations, as needed, establishing WQ criteria for OAH by 2025, with scientific analysis of the relationship between nutrients and OAH impacts completed by 2022.

- Coupled physical-biochemical model and scenarios
- Biological thresholds
- Next steps: continue to refine model scenarios and biological impact linkage





Target 1.2.4:

Work with partners and make targeted investments to support the development of an OAH monitoring and observation system optimized to deliver decision-relevant information that serves user needs by 2023

- OAH monitoring inventory
 https://oceanmonitoring.cnra.ca.gov/Analytics
- OAH Science Task Force monitoring gaps analysis
- Next steps: coordinate with partners to fill gaps and streamline information delivery





Target 1.2.4:

Advance the science on OAH vulnerability and identify risks to California's biological resources, communities, and economies, within the context of other ongoing environmental changes

- Biological vulnerability and thresholds
- Raise awareness
- Options for adaptation and mitigation





Target 3.1.4:

Work with partners to preserve the existing, known 15,000 acres of seagrass beds and create an additional 1,000 acres by 2025

- Role of SAV in ameliorating OA
- Blue carbon
- Multi-benefit

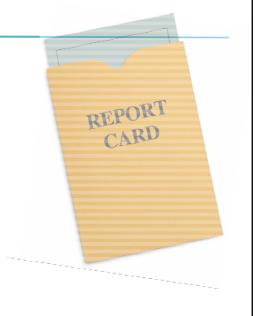




Target 3.6.1:

Create an annual California State of the Coast and Ocean Report starting in 2021 and a Report Card by 2025 (utilizing a scientific, indicator-based approach to grading the State of California's Coast and Ocean)

- OAH monitoring and observation system
- Analysis, synthesis, indicator development











The State of Oregon

Ocean Acidification and Hypoxia Actions



Dr. Caren Braby Oregon Department of Fish and Wildlife



Ocean Acidification

Increased CO₂ and CO₂/pH = Ocean Acidification

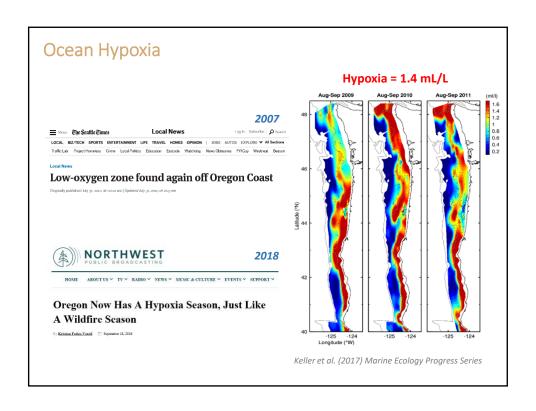
Sea surface CO₂ and pH time series, Hawaii 425 Mauna Loa Atmospheric CO; (ppm) Aloha seawater pCO; insitu (µatm) Aloha seawater pH (insitu) 8.33 8.28 8.28 8.18 8.18 8.18 8.18 8.18 8.19 8.19 8.19 8.19 8.19 8.19 8.19 8.19

Columbia R Columbia R 8.4 8.3 Newport Line Cape Blanco Pt St George Cape Mendocino Pt Arena Pt Sur Pt Sur Aug 2013 Pt Conception 7.4

Sea surface pH values, West Coast

NOAA PMEL Carbon Program: Mauna Loa Data adapted from Dore et al. 2009

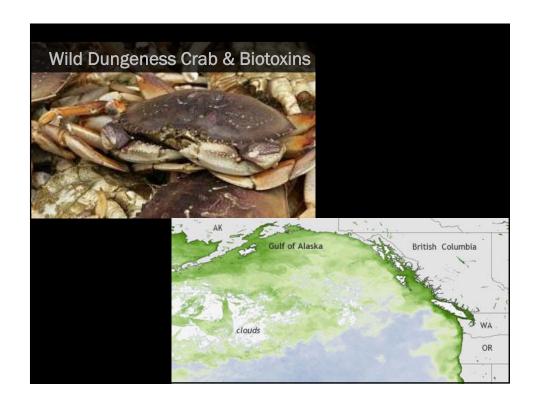
Feely et al. (2016) Estuarine, Coastal and Shelf Science















Oregon Action on Ocean Change

Dr. Caren Braby Oregon Department of Fish and Wildlife

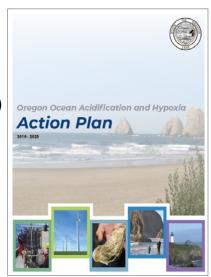
Oregon's representative to the Pacific Coast Collaborative Ocean Acidification Working Group

Oregon Policy

- Legislative Policy/Budgets
 - Ocean Science Trust
 - OAH Council
- Governor Mandate
 - Pacific Coast Collaborative (PCC)
 - OAH Action Plan
- Agency Policy (rules)
 - ODFW policy (soon)



https://www.oregonocean.info/



PCC Governors' Leadership: International Alliance to Combat Ocean Acidification

Members endorse a Global Call to Action

- 1. Advance scientific understanding
- 2. Reduce causes
- 3. Explore adaptation and mitigation
- 4. Expand public awareness
- 5. Build sustained international support







































Inventory & Gaps

- How should we define "network" and priorities?
- Local gaps: we are already filling gaps, locally
- Regional gaps: what does filling gaps mean regionally?



Oregon: OAH Action Plan



THEME 1 Science, monitoring, and research



THEME 2 Mitigate CO2 & OAH



THEME 3 Promote resilience



THEME 4 Raise awareness



THEME 5 Commit resources to action

Oregon: OAH Action Plan



THEME 1

Science, monitoring, and research



THEME 2

Mitigate CO2 & OAH



THEME 3

Promote resilience



THEME 4

Raise awareness



THEME 5

Commit resources to action







State of Oregon
Department of
Environmental
DEQ Quality





Oregon: OAH Action Plan



THEME 1

Science, monitoring, and research



THEME 2

Mitigate CO2 & OAH



THEME 3

Promote resilience



THEME 4

Raise awareness



THEME 5

Commit resources to action



Oregon: OAH Action Plan



THEME 1

Science, monitoring, and rese



THEME 2

Mitigate CO2 & OAH



THEME 3

Promote resilience



THEME 4

Raise awareness



THEME 5

Commit resources

Build Sustained Support

Oregon OAH Action Plan - Appendix D

This appendix lists each of the 8 State agencies who's authorities have the most dire with OAH impacts, adaptation, and mitigation. Here, we outline issues that connect authorities to the goals and priorities of the Oregon OAH Action Plan, that can serve point for agencies conducting evaluation of programs, regulations and compliance in this Oregon OAH Action Plan, Action S, Step 1). Additional authorities and nexus p be relevant.



Oregon Department of Fish and Wildlife

- emerging fisheries, resilient fishing communities, OAH research & mo
Nexus with 2018 Report Recommendations: 1.1, 1.2, 3.2, 5.1



Department of Land Conservation and Development

- ocean planning, coastal zone management, federal consistency, statu-planning ogoals, climate adaptation framework

Nexus with 2018 Report Recommendations: 3.2, 1.2, 1.1, 5.1



Department of Environmental Quality

- water quality planning, point and non-point source pollution, TMDLs

Nexus with 2018 Report Recommendations: 2.2, 5.1



Oregon Department of Agriculture

• food safety, aquaculture and agriculture permitting and practices
Nexus with 2018 Report Recommendations: 2.2, 3.2, 5.1



Department of State Lands
- submerged aquatic vegetation, removal/fill permitting, mitigation of development impacts, authorization of use of state-owned navigable waterways (include sestuaries and the territorial sea)
Nexus with 2018 Report Recommendations: 3.2, 5.1



Oregon Department of Forestry • forested watersheds, carbon offset and mitigation, nonpoint source po

on forested lands
Nexus with 2018 Report Recommendations: 2.2, 5.1



• impacted coastal communities

Nexus with 2018 Report Recommendations: 3.1, 4.2, 5.1



Oregon Department of Energy

• carbon mitigation framework, impacts on ecosystem and economics.

Nexus with 2018 Report Recommendations: 1.1, 2.2, 5.1

Oregon: What's next?

Oregon: What's next?

- Soon
 - ODFW Policy on Climate and Ocean Change
 - Oregon Climate Adaptation Framework
- In progress
 - Legislation & Agency Budgets
 - Agency planning
 - Education and Outreach

Oregon: SB1554 (2020)

80th OREGON LEGISLATIVE ASSEMBLY-2020 Regular Sessi

Senate Bill 1554

SUMMARY

A BILL FOR AN ACT

- Relating to oceans; and declaring an emergency.
- Whereas Oregon is an epicenter for the global manifestation of ocean acidification and hypoxia;
- Whereas the natural seasonal process of upwelling transports corrosive waters into the
- nearshore and estuaries, causing marine waters within this state's jurisdiction to be especially vulnerable to ocean acidification; and
- Whereas ocean acidification, hypoxia and changes in ocean temperature are intensifying; and Whereas Oregon has rich and vibrant wild marine fisheries, including shellfish fisheries; and
- Whereas ocean acidification and hypoxia are known to cause mortality and reduced growth and productivity in marine organisms, including in species that form the foundation of the marine food
- web; and

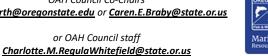
 Whereas negative impacts from ocean acidification, hypoxia or both have already been observed
- in species that are commercially, culturally and economically important to this state, including oysters, mussels and crabs; and
- Whereas Oregon's coastal communities and economies are important to this state and are dependent on a thriving marine ecosystem; and

Oregon OAH Council





Comments or Questions? Please contact **OAH Council Co-Chairs** Jack.Barth@oregonstate.edu or Caren.E.Braby@state.or.us







Maine Legislation on Ocean & Coastal Acidification

Don Witherill, Director, Division of Environmental Assessment March 19, 2020

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

Protecting Maine's Air, Land and Water

Topics Included in this Presentation

- 2014 Legislative Commission
- Maine Ocean & Coastal Acidification Partnership (MOCA)
- 2019 Climate Change Legislation





MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

2014 Legislative Coastal and Ocean Commission Established



LAW WITHOUT GOVERNOR'S SIGNATURE CHAPTER 110

APRIL 30, 2014

RESOLVES

STATE OF MAINE

IN THE YEAR OF OUR LORD
TWO THOUSAND AND FOURTEEN

H.P. 1174 - L.D. 1602

Resolve, Establishing the Commission To Study the Effects of Coastal and Ocean Acidification and Its Existing and Potential Effects on Species That Are Commercially Harvested and Grown along the Maine Coast



MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

www.maine.gov/dep

Ocean & Coastal Acidification Study Commission

- First meeting August 2014
- Final Commission Report with recommendations- January 2015
- Six Goals— and a recommendation for an OCA Council to continue the work





MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

Commission Goals

- Invest in Maine's capacity to monitor and investigate the effects of ocean acidification and determine impacts of ocean acidification on commercially important species and the mechanisms behind the impacts;
- 2. Reduce emissions of carbon dioxide;
- Identify and reduce local land-based nutrients and organic carbon that contribute to ocean acidification by strengthening and augmenting existing pollution reduction efforts;
- 4. Increase Maine's capacity to mitigate, remediate and adapt to the impacts of ocean acidification;
- 5. Inform stakeholders, the public and decision-makers about ocean acidification in Maine and empower them to take action; and
- 6. Maintain a sustained and coordinated focus on ocean acidification.



MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

www.maine.gov/dep

Commission Follow-Up

January 2015 - Commission sunsets and final Commission report with recommendations released.

Legislation introduced to create OCA Council to carry out recommendations of the Commission.





MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

Maine Ocean and Coastal Acidification Partnership (MOCA)

Purpose

This volunteer partnership formed in March 2016 seeks (1) to implement recommendations of the Ocean Acidification Study Commission authorized by the 126th Legislature, as set forth in the study commission's report and (2) to coordinate the work of governmental agencies and private organizations and citizens who are studying and implementing means to reduce the impacts of or help adapt to ocean and coastal acidification.

MOCA Functions

- To provide a forum for coordinating OCA research and policy efforts
- To communicate ME OCA work to those interested in MOCA
- To provide support regarding regulatory approach to agencies and to legislators
- To inform elected officials
- To provide updates on OCA work in the state and elsewhere as it pertains to ME via webinars, seminars and meetings
- To work on coordinating monitoring, research, and policy through committees
- To hold regular meetings in order to: Provide updates on OCA activities, Track progress on MOCA goals, Plan MOCA in-person meetings and webinars, Communicate opportunities (such as RFPs and scientific meeting sessions), and Discuss emerging and changing priorities



http://www.seagrant.umaine.edu/extension/maineocean-and-coastal-acidification-partnership



MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

www.maine.gov/dep

MOCA Represents:

- Lobstermen
- Aquaculture
- Legislators
- · State Agencies
- Researchers
- · Nonprofits
- Educators





MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

MOCA Partnership Symposia

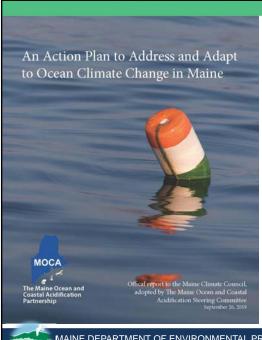
- Current Research and Revisit Commission Recommendations, USM, Portland, June 2016
- Remediation Strategies and Policy– State House, Augusta, November 2016
- MOCA Webinar Update, May 2017
- Winter Science Meeting, Bigelow Laboratory for Ocean Sciences, December 2017
- Ocean Acidification and Lobster Research, Bowdoin College, June 2018
- Policy Implications and Moving Forward, State House, Augusta, November 2018
- Held 3 mtgs for Research/Monitoring, Policy/Law, Resilience/Adaptation—leading to recommendations and report for ME Climate Council





MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION



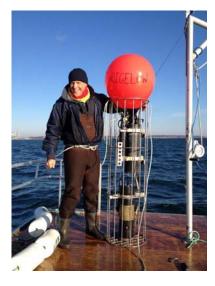


- Identify funding to support essential strategies and actions
- Build on existing efforts
- Enhance staffing and budget of Department of **Environmental Protection** and Department of Marine Resources
- Recognize the critical roles that municipalities, fishermen, aquaculturalists, and others are playing and will play to address climate change

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

www.maine.gov/dep

Support robust, long term monitoring that builds upon existing efforts



MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

Assist communities to evaluate and implement local remediation and adaptation strategies





MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

www.maine.gov/dep

Identify strategies to adapt fisheries and diversify the working waterfront





MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

Identify and develop resources and training to recognize and address ocean climate change.





MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

www.maine.gov/dep

Enforce and strengthen regulations that reduce land-based inputs



Photo Courtesy of Portland Water District



MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

Require all relevant state and municipal plans, permits and regulations to address ocean climate change.

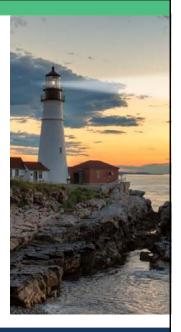




MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

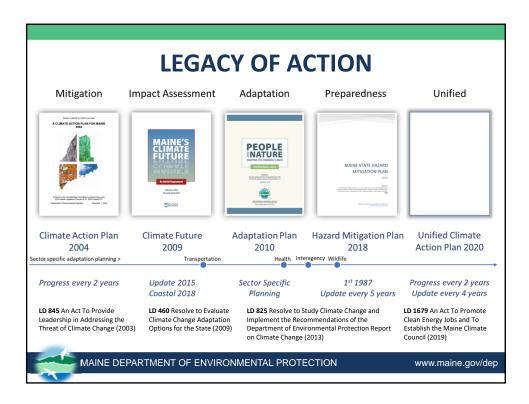
www.maine.gov/dep

How is Maine tackling climate change?





MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION



Mills Administration Early Climate Actions

"Today our connection to the land is endangered. After 80 years of studies that carbon emissions are destroying our environment, the danger is now at our doorstep...Climate change is threatening our jobs, damaging our health and attacking our historic relationship to the land and sea. Tonight, I say enough. Enough with the studies, talk and debate. It's time to act!"

- Governor Janet Mills, Inaugural Address
- Joined the U.S. Climate Alliance a bi-partisan coalition of 25 U.S. States committed to meeting Paris Climate Goals
- Launched electric vehicle rebate & infrastructure programs using VW settlement funds
- Signed legislation to restore net metering to encourage renewable energy for homeowners and small businesses
- •Ended the blanket ban on wind power development
- •Withdrew Maine from the offshore drilling coalition



Maine Climate Council Bill

- Sets reductions in law: 45% reduction in Maine's greenhouse gas emissions by 2030 and 80% by 2050 (relative to 1990 levels)
- Creates Maine Climate Council to advise the Governor and Legislature on ways to mitigate the causes of, prepare for and adapt to the consequences of climate change
- State Climate Action Plan update due by December 1, 2020



MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

www.maine.gov/dep

Executive Order 10, Signed September 23, 2019

- Goal is to achieve state carbon neutrality by 2045
- Climate Council is tasked with including recommendations on how to achieve neutrality in its Climate Action Plan
- Carbon neutrality can help grow the clean energy economy in Maine and benefit farmers, foresters, and others whose practices and land sequesters carbon



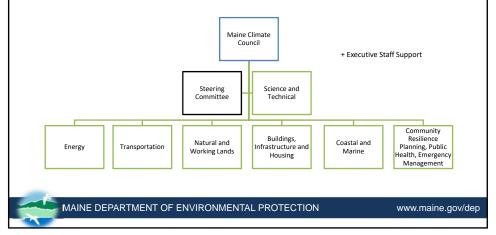
Governor Mills speaking in New York during the UN Climate Action Summit



MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

MAINE CLIMATE COUNCIL LD 1679

- Advise Governor and Legislature
- Ways to mitigate the causes of, prepare for and adapt to the consequences
 of climate change
- Develop an updated and unified Maine State Climate Plan



Maine Climate Council

ROLES AND RESPONSIBILITIES SCIENTIFIC AND TECHNICAL SUBCOMMITTEE

- Identify, monitor, study and report relevant data, findings and recommendations on how climate change is impacting Maine
- Highlight critical scientific data and knowledge gaps
- Provide sea level rise projections and maps that indicate the areas of the State that may be most affected by storm surges, ocean and river flooding and extreme weather, based on the latest data and science
- Advise on methodologies and science for land and ocean based opportunities for carbon sequestration

More info at https://www.maine.gov/future/initiatives/climate

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

Maine Climate Council

WORK GROUPS - ROLES AND RESPONSIBILITIES

- To develop and recommend mitigation and adaptation actions to the council
- Groups include legislators, representatives of scientific and academic institutions, affected and involved businesses, nonprofit organizations and foundations, youth, and leaders from federal, state and local governments and agencies
- All working groups will solicit stakeholder input; consider costs and benefits
 including impacts on low-income, elderly and rural residents and other
 vulnerable communities; advise on economic and workforce benefits and
 challenges; and recommend funding and financing mechanisms for strategies

More info at https://www.maine.gov/future/initiatives/climate



MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

www.maine.gov/dep

Maine Climate Council

Timeline

- Council kick-off September 26, 2019
- Working groups develop, model, and recommend strategies from October 2019 until summer 2020
- Summer/Fall 2020 Maine Climate Council considers and prioritizes strategies for Action Plan
- State Climate Action Plan delivered December 1, 2020 and plan is updated every 4 years
- Legislature and DEP pass legislation and initiate rulemaking
- Council and working groups continue to meet to monitor progress
- DEP reports on state greenhouse gas emissions every 2 years
- Council, and Work Groups required to establish annual work plan at first meeting of calendar year.

More info at https://www.maine.gov/future/initiatives/climate



www.maine.gov/dep

Public Engagement & Comment Opportunities January 13, 2020 -Maine joins the International Alliance to Combat Ocean & Coastal Acidification.





MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

www.maine.gov/dep

Acknowledgements

Thanks to the following for their contributions to this presentation:

Esperanza Stancioff, Extension Professor Climate Change Educator University of Maine Cooperative Extension/Maine Sea Grant

Ivy Frignoca, Casco Bay Keeper, Friends of Casco Bay

Cassaundra Rose, Senior Science Analyst & Climate Council Coordinator; Governor's Office of Policy Innovation and the Future





MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION



Contact:

Don Witherill, Director
Division of Environmental Assessment
(207) 215-9751
donald.t.witherill@maine.gov

www.maine.gov/dep

MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION

Speaker Contact Information

Holly Galavotti, Office of Wetlands, Oceans and Watershed, EPA Galavotti.Holly@epa.gov

Mike Molnar, Deputy Director, Coastal States Organization (CSO) MMolnar@coastalstates.org

Justine Kimball, Senior Program Manager, California Ocean Protection Council Justine.Kimball@resources.ca.gov

Caren Braby, Marine Resources Program Manager, Oregon Department of Fish and Wildlife Caren.E.Braby@state.or.us

Donald Witherill, Director, Division of Environmental Assessment, Maine Department of Environmental Protection Donald.T.Witherill@maine.gov

Watershed Academy Webcast

More webcasts coming soon!

www.epa/gov/watershedacademy

The slides from today's presentations are posted. A recording will be posted within the next month.

Participation Certificate

- If you would like to obtain a participation certificate you can access the PDF in the **Handouts** section of your control panel.
- You can type each of the attendees names into the PDF and print the certificates.

Thank You!