



Capitol Hill Ocean Week

SCHEDULE-AT-A-GLANCE

JUNE 4 - 5, 2019 | RONALD REAGAN BUILDING | 1300 PENNSYLVANIA AVE, NW | WASHINGTON, DC

TEXT "CHOW2019"
TO 44-321 TO DONATE

TUESDAY, JUNE 4

9 a.m. - 9:30 a.m.	Opening Remarks AUDITORIUM		
9:30 a.m. - 10:30 a.m.	OPENING PLENARY: Ocean Disrupted AUDITORIUM		
10:30 a.m. - 11 a.m.	BREAK: Networking and Exhibits LOBBY		
11 a.m. - 12:15 p.m.	Addressing the US Seafood Deficit AUDITORIUM	Breathing Easier in Port Cities HEMISPHERE A	Protected Areas in a Changing Climate HEMISPHERE B
12:15 p.m. - 1:15 p.m.	LUNCH: Networking and Exhibits Increasing Diversity, Equity and Inclusion in the Marine, Coastal, and Ocean Science Workforce sponsored by SeaGrant and the Women's Aquatic Network* HEMISPHERE A		
1:15 p.m. - 2:15 p.m.	AFTERNOON PLENARY: Transforming the Global Seafood Market AUDITORIUM		
2:15 p.m. - 2:45 p.m.	BREAK: Networking and Exhibits LOBBY		
2:45 p.m. - 4 p.m.	Combating Illegal, Unreported and Unregulated Fishing AUDITORIUM	The State of Shark and Ray Conservation HEMISPHERE A	Toxins in the Aquatic Environment HEMISPHERE B

WEDNESDAY, JUNE 5

9 a.m. - 9:10 a.m.	Opening Remarks AUDITORIUM			
9:10 a.m. - 9:30 a.m.	Heartwired to Love the Ocean AUDITORIUM			
9:30 a.m. - 10:30 a.m.	MORNING PLENARY: Margaret Davidson Emerging Leaders AUDITORIUM			
10:30 a.m. - 11 a.m.	BREAK: Networking and Exhibits LOBBY			
11 a.m. - 12:15 p.m.	Advancing Conservation with Zoos and Aquariums AUDITORIUM	Building Resilient Fishing Communities HEMISPHERE A	Over the Counter Conservation HEMISPHERE B	Giving Voice to the Ocean: How Policy and Effective Communication Intersect on Capitol Hill* OCEANIC
12:15 p.m. - 1:15 p.m.	LUNCH: Networking and Exhibits AUDITORIUM			
1:15 p.m. - 2:15 p.m.	Whale Conservation in the 21st Century AUDITORIUM	Recreational Fishers as Conservation Partners HEMISPHERE A	Ocean 2050 HEMISPHERE B	
2:15 p.m. - 2:45 p.m.	BREAK: Networking and Exhibits LOBBY			
2:45 p.m. - 4 p.m.	CLOSING PLENARY: Powering Our Future AUDITORIUM			

THURSDAY, JUNE 6

8:30 a.m. - 9:30 a.m.	CHOW HILL DAY COASTAL COFFEE 2168 Rayburn House Office Building GOLD ROOM
5:30 p.m. - 7:30 p.m.	CHOW CLOSING RECEPTION 106 Dirksen Senate Office Building

TRACK 1: PLENARIES: GRAND CHALLENGES IN THE OCEAN AND GREAT LAKES | **TRACK 2:** OCEANS AND HUMAN HEALTH
TRACK 3: SUSTAINABLE FISHERIES | **TRACK 4:** CONSERVING WILDLIFE | * Indicates pre-registration is required to attend event.



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SESSION DESCRIPTIONS

GRAND CHALLENGES IN THE OCEAN AND GREAT LAKES

- 1. Ocean Disrupted (Opening Plenary)**
Climate change is having widespread disruptive impacts on the ocean, coasts and Great Lakes and the communities who rely on them. Learn more about what the Fourth National Climate Assessment and the IPCC Special Report are telling us about the impacts of climate change on the ocean and its ecosystems and actions needed to minimize risks.
- 2. Transforming the Global Seafood Market**
With more than 3 billion people dependent on the ocean for their primary source of animal protein, establishing a sustainable, global seafood market is more critical than ever. Explore efforts to transform business practices, protect human rights, and maintain food security to ensure a thriving ocean.
- 3. Margaret Davidson Emerging Leaders**
Margaret Davidson was an ocean visionary dedicated to fostering early-career leaders and tackling challenges that face our ocean and coasts and the communities that rely on them with unwavering determination and innovation. In her honor, CHOW 2019 hosts the next generation of leaders who are tackling the issue of climate change through innovative thinking about integrating indigenous knowledge into protected area management, forecasting climate impacts on fisheries and inspiring action on climate by promoting health equity.
- 4. Powering Our Future**
As energy needs continue to grow globally, siting decisions, seismic testing, and infrastructure development will require balancing different ocean user needs and protecting ocean, coastal and Great Lakes ecosystems and wildlife. How can we plan for the energy growth of the future while minimizing and mitigating harm to our marine and Great Lakes environment?

OCEANS AND HUMAN HEALTH

- 1. Toxins in the Aquatic Environment**
Coastal communities are feeling the impacts of harmful algal blooms' increasing length and severity. Public health officials are partnering with marine and Great Lakes agencies to better understand when, where and why waterborne illnesses occur. This panel will explore lessons learned from collaboration and how public health officials are helping managers to maximize their impact.
- 2. Over the Counter Conservation**
For thousands of years, humans have explored nature and used plants and animals to develop products that improve our lives and health and fight disease. Our ocean, which is the most diverse and complex biological community, holds tremendous potential for discovery of new products. Efforts to harvest products from the ocean can both aid in the conservation of marine area but also lead to the overharvest of resources and illegal wildlife trafficking. Learn how scientists and industry are promoting sustainable use of products while conserving resources.
- 3. Ocean 2050**
By 2050, the global population is expected to reach 9.7 billion. With an increasing number of people depending on the ocean, what can be done to prepare for the strain on its resources? Panelists will examine case studies in preparing for a future ocean including food security, sea level rise, marine debris and the Arctic.
- 4. Breathing Easier in Port Cities**
International maritime shipping drives global commerce by transporting approximately 90 percent of the world's goods. These vessels are a source of increasing air emissions that harm human health and the environment. Learn how efforts to improve fuel standards, reduce vessel speeds, and implement pollution control measures are moving the bar toward improved air quality for port cities, mitigating against climate change, and reducing whale mortality from ship strikes.

SUSTAINABLE FISHERIES

- 1. Addressing the US Seafood Deficit**
By value, nearly 90 percent of the seafood Americans eat comes from abroad. Experts have debated the best way to address the growing domestic demand for seafood. This panel will explore the causes and proposed solutions to address this issue alongside fishermen, restaurateurs, and economists.
- 2. Combating Illegal, Unreported, and Unregulated Fishing**
From illegal entry into sovereign waters to fostering organized crime, illegal, unreported and unregulated (IUU) fishing poses a number of significant threats to national and ecological security. Hear how innovators are finding solutions to address the challenges posed by IUU fishing.
- 3. Building Resilient Fishing Communities**
Fisheries and fishery-dependent communities are expected to experience major impacts due to climate change. By understanding how these changes will affect fish stocks, managers can better predict availability of resources and help fishing communities adapt. Learn about efforts to incorporate climate knowledge into fisheries science and management.
- 4. Recreational Fishers as Conservation Partners**
Recreational fishing is an American pastime. From advocating for clean water and ecosystem protection to stewarding our next generation of conservationists, sport fishermen are important partners in ensuring sustainable fisheries. This panel will explore conservation efforts of recreational fishermen in our ocean and Great Lakes and ways to improve recreational fishing management.

CONSERVING WILDLIFE

- 1. Protected Areas in a Changing Climate**
Climate change is shifting species composition, habitat and migration patterns in our ocean and Great Lakes. Protected areas are one of the primary ways to conserve biodiversity, but these special places and the species that call them home are increasingly impacted by climate change. This panel features experts who are investigating dynamic management of our protected areas.
- 2. The State of Shark and Ray Conservation**
Sharks and rays are some of the ocean's most iconic species, and yet they face a number of threats from habitat loss, bycatch and targeted fishing efforts. From international treaties to protecting domestic stocks, this panel will explore scientists' efforts to learn more about sharks and rays, improve their protections, and change public perception about their role in the ecosystem.
- 3. Advancing Conservation with Zoos and Aquariums**
Zoos and aquariums are crucial partners in marine conservation. They allow people to encounter marine wildlife, they tell the stories of the ocean and Great Lakes through their research and education efforts, and they help us conserve species. Hear how zoos and aquariums are engaging in conservation efforts and increasing their conservation outcomes through outreach campaigns, cutting edge research, and partnerships.
- 4. Whale Conservation in the 21st Century**
From entanglement to ship strikes to changing habitat conditions, humans play an important role in conserving whales across the globe. Technologies like drones, artificial intelligence, and ropeless fishing gear are making it easier for researchers and managers to study and protect whales. This panel will examine new applications for existing technologies in the fight for whale conservation.

Times, topics, and sessions subject to change at the discretion of the National Marine Sanctuary Foundation.

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SESSION DESCRIPTIONS cont.

≈ ADDITIONAL SESSIONS

1. Increasing Diversity, Equity and Inclusion in the Marine, Coastal and Ocean Science Workforce**

In partnership, the Women's Aquatic Network (WAN) and Sea Grant are hosting a brown bag lunch discussion on increasing diversity, equity and inclusion (DEI) in the marine, coastal and ocean science workforce. Recent technological breakthroughs, changes in demographics and societal trends, and climate change are impacting the ocean, marine and coastal science workforce. The opportunities offered by these changes can be captured by the full and complete participation of women, minorities and people with disabilities who are trained with skills of the 21st century. Capitalizing opportunities offered by these changes will also require managing a diverse workforce and fostering respectful and inclusive work environments. This session will focus on changing workforce trends, and the challenges and opportunities that they offer with respect to the participation of women, minorities and people with disabilities in ocean, marine, and coastal science. *Please bring your lunch or grab a quick lunch at the RR Center and join us for this casual and open lunch hour panel discussion.*

2. Heartwired to Love the Ocean

People don't just love the ocean — they are heartwired to love the ocean. Working with dozens of conservation organizations, Amy Simon, founding partner at Goodwin Simon Strategic Research, and Robert Pérez, chief exploration officer at Wonder: Strategies for Good, embarked on a broad, three-year audience research project to better understand how to develop new messaging recommendations that organizations can use to strengthen public support for ocean protection. Amy and Robert came to learn through deep audience research that people across the country from all walks of life — diverse in terms of race, ethnicity, gender, age, faith, geography and politics — care deeply about the ocean. The ocean is a cherished place — in ways both nostalgic and aspirational — that provides opportunities for creating treasured memories, transmitting family traditions and values, and is vital for people's livelihoods. The ocean brings personal and psychological healing to many, as well as a chance for self-reflection and connecting spiritually to God and/or nature. Amy and Robert will share some insights about what they learned and what it means for the future of conservation communications. They will also let you know how you can get a free copy of Heartwired to Love the Ocean, a new messaging guide designed to help advocates understand how to put these learnings into practice.

3. Giving Voice to the Ocean: How Policy and Effective Communication Intersect on Capitol Hill

Learn more about the ocean science priorities of the 116th Congress as well as how to effectively communicate your issues and concerns with congressional representatives. This multi-part session will provide insights on key federal ocean science issues, effective methods to communicate, and insights from Capitol Hill staff on how to best connect with them and their priorities. The Consortium for Ocean Leadership (COL) will describe the intersection of science and policy. Learn about the role of COL's members in making key scientific and technological advances and how these inform legislative priorities, such as the National Oceanographic Partnership Program, ocean science funding, and aquaculture that grow our ocean understanding and ensure our ocean security. Learn practical skills from Science Communication experts at COMPASS how to be clear, compelling and concise in communicating your key ideas to policymakers on Capitol Hill and beyond. Engage in a lively discussion with an expert panel who will offer their perspectives on how science and evidence is used on Capitol Hill and how to work with Congress and policy makers to make lasting change. Seating is limited and a separate registration is required for this session.

CHOW HILL DAY

Join the National Marine Sanctuary Foundation on June 6th, 2019, for our second annual CHOW Hill Day. Building off of the CHOW Conference, Hill Day offers the opportunity for attendees to elevate ocean and Great Lakes policy issues with Members of Congress and their staff. While on the Hill for our free programming, we encourage participants to meet with their elected officials to discuss critical policy issues affecting conservation, science, and technology.

CHOW Hill Day features two unique opportunities for attendees to engage with key decision makers:

CHOW HILL DAY COASTAL COFFEE

CHOW Hill Day will open with a morning policy perk up for attendees to hear from Members of Congress and Hill staff about current ocean policy and legislative priorities on Capitol Hill. The Coastal Coffee serves to educate CHOW attendees before they hit the Hill for meetings throughout the day. The session aims to ensure conversations with Members and staff are productive by providing an overview and update of current events and conversations on the Hill.

CHOW CLOSING RECEPTION

CHOW Hill Day 2019 will culminate with our closing reception. With workshops, meetings, briefings, and hearings throughout what is anticipated to be a busy week and Hill Day, this reception provides a needed opportunity for CHOW attendees to connect with Members and their staff, Administration officials, and other CHOW attendees and speakers, and celebrate a successful week of ocean conservation and policy action! Includes light hors d'oeuvres, wine, and beer.