



## **Working Group Meeting**

**Wednesday, April 18, 2018**

***1:00 PM – 3:00 PM ET***

***2:00 PM – 4:00 PM AT***

### **Briefing Book**

Participants on the US side are welcome to join the meeting in person at:

NH Department of Environmental Services  
Portsmouth Regional Office  
Pease International Tradeport  
222 International Drive, Suite 175  
Portsmouth, NH 03801  
(603) 559-1500

[Directions](#)

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### **Meeting Call-in Information**

#### **Conference Call Access Information**

Call In: 1 866-506-7697

Passcode: 9500660#

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## Gulf of Maine Council on the Marine Environment

April 18, 2018 • Working Group Meeting • Briefing Book

<b>GOMC Working Group Teleconference Meeting</b> <b>Meeting Agenda • Wednesday, April 18, 2018</b> <b>1:00 PM – 3:00 PM ET / 2:00 PM – 4:00 PM AT</b>		
ATLANTIC TIME		
2:00 PM	<b>Welcome, Introductions, and Overview of Objectives for the Meeting</b> <i>Christie Ward, Working Group Chair</i> <i>NB Department of Environment and Local Government</i>	
2:05 PM	<b>GOMA Transition and Financial Report</b> Don Hudson and / or Cindy Krum will provide an update regarding GOMA Transition. Cindy Krum will provide a brief GOMA / GOMC Finance and Budget update.	✓ For Information ✓ Internal  <i>pp. 4-12</i>
2:15 PM	<b>2018-2022 GOMC Framework for Action</b> Working Group will provide feedback regarding GOMC Framework for Action (formerly called Action Plan).	✓ For Direction  <i>pp. 13-28</i>
2:30 PM	<b>Planning for Gulf of Maine Symposium</b> Theresa Torrent will provide an update regarding ongoing efforts to work with GOMC partner organizations toward a multi-day Gulf of Maine Symposium in 2019.	✓ For Information ✓ Internal ✓ For Direction
2:45 PM	<b>Planning for June Council / WG Meeting in Gloucester, MA</b> <ul style="list-style-type: none"> <li>➤ Logistics Update</li> <li>➤ Agenda Development - Working Group members are asked to provide feedback regarding the Draft Agenda for the June 2018 Council / WG meeting.</li> </ul>	✓ For Information ✓ Internal ✓ For Direction  <i>pp. 29-33</i>
3:00 PM	<b>GOMC Awards Program</b> Working Group will review nominations and recommend award winners to move forward for Council approval.	✓ For Direction ✓ For Decision  <i>pp. 34-62</i>
3:45 PM	<b>Other Business / Updates / Networking</b>	
4:00 PM	<b>Adjourn</b>	

**Gulf of Maine Council on the Marine Environment**

April 18, 2018 • Working Group Meeting • Briefing Book

<b>Gulf of Maine Council on the Marine Environment Meeting Briefing Note</b>				
<b>Title of Agenda Item:</b> GOMA Update and Financial Reports				
<b>Submitted by:</b> Don Hudson and Cindy Krum				
<b>Type of Item</b> (place X in appropriate box)	<b>For Decision</b>	<b>For Direction</b>	<b>For Information</b> (internal GOMC)	<b>For Information</b> (External)
			X	
<b>Background</b> (required):  <u>GOMA Transition</u> GOMA Executive Director Cindy Krum will be concluded her work on May 15, 2018. Following recommendations from a GOMA ad-hoc group coordinated by GOMA President Don Hudson, GOMA entered into a contract with Joan LeBlanc to take care of the remaining limited GOMA responsibilities through June 2019. GOMA will also continue to retain an independent bookkeeper. Cindy and Joan are currently working together to ensure a smooth transition.  <u>GOMA Financial Reports</u> Cindy will provide an overview of the Draft Budget for FY18 and FY19 included in this Briefing Book for informational purposes.  <u>GOMA Scopes of Work</u> Cindy will distribute a Scopes of Work document (not included in this Briefing Book) in advance of the meeting. The document will include scopes of work for GOMC IT Coordinator, GOMC Council Coordination, GOMA Bookkeeping, and GOMA Coordination services.				
<b>Actions, Outcomes or Decisions Requested:</b>  None – Working Group members are provided with informational updates.				
<b>Supporting Documentation</b> (If applicable, list additional documents included in the Briefing Book following this Briefing Note):  <i>GOMA FY18 – 19 Draft Budget, pp. 5-12</i>				

# Gulf of Maine Council on the Marine Environment

April 18, 2018 • Working Group Meeting • Briefing Book

## Gulf of Maine Association Operating Budget for Fiscal Year ending June 30, 2019

Red print denotes unsecured sources - see dues summary for more detail

	2018 - 2019 GOM Association Budget end June 30, 2019	DRAFT 2019-2020 GOM Association Budget end June 30, 2020
<b>INCOME</b>		
US Federal Funding		
USGS ending 9/30/2016		
Total US Federal Funding	-	-
Canada Federal Funding		
EC GMI ending 3/31/19	3,788	-
DFO ending 03/31/2019	15,000	15,000
Total Canadian Federal Funding	18,788	15,000
Membership Dues		
Nova Scotia Intergovernmental Affairs (\$10K CAD)	7,438	7,438
New Brunswick Environment & LG (\$10K CAD)	7,438	7,438
Massachusetts CZM	18,000	18,000
Maine Coastal Program	9,000	9,000
NH Fee Agreement	9,000	9,000
Total Gulf of Maine Council Funding	69,663	65,875
Fiscal Agent Income		
NROC - US Federal	-	-
RARGOM-Membership/Registration	6,160	6,160
Total Fiscal Agent Funding	6,160	6,160
Total Income	75,823	72,035
<b>EXPENSES</b>		
Education		
Information Technology (Cross-Cutting)	9,780	9,780
Secretariat (Coordinator)	47,000	47,000
Secretariat (Meeting Expenses)	2,500	2,500
Monitoring/Research (Goal #2)		
Ecosystem Indicator Partnership (# 2.2.1)	1,487	-
Climate Network (# 2.3.1, # 2.3.2, # 2.3.3)	-	-
Management & Administration		
Gulf of Maine Association	10,366	10,366
Fiscal Agent Program Expense		
RARGOM	5,500	5,500
NROC	-	-
Total Expense	76,633	75,146
Net Operating Surplus/(-Shortage)	(809)	(3,111)

<b>Gulf of Maine Council through Gulf of Maine Association</b>		
Unrestricted Net Assets at June 30, 2018 (Unaudited- from prev b	\$	93,251
Carryforward Dues	\$	-
Net Operating Surplus/(-Shortage) FY 2018/2019		(809)
Estimated Unrestricted Net Assets at June 30, 2019		92,442
		89,331

# Gulf of Maine Council on the Marine Environment

April 18, 2018 • Working Group Meeting • Briefing Book

## Gulf of Maine Council through Gulf of Maine Association

### Membership Dues Summary Dues Projections FY 18-19

Exchange Rate:  
0.744

Red indicates unsecured

#### Dues/Contribution Agreement By Source:

	FY 18/19 2018-2019 Dues	FY 19/20 2019-2020 Dues	
Canada Federal -DFO	\$ 15,000	\$ 15,000	Note: These \$s can only be used for Council Coordination
Nova Scotia Intergovernmental Affairs	\$ 7,438	\$ 7,438	
New Brunswick Environment & LG	\$ 7,438	\$ 7,438	
New Hampshire DES	\$ 9,000	\$ 9,000	Note: These \$s can only be used for Council Coordination
Massachusetts CZM	\$ 18,000	\$ 18,000	
Maine Coastal Program	\$ 9,000	\$ 9,000	
	<b>\$ 65,875</b>	<b>\$ 65,875</b>	

Excluding DFO/NH Agreements **\$ (24,000)** **\$ (24,000)**

True Membership Dues **\$ 41,875** **\$ 41,875**

#### Allocation of Dues:

Council Coordination/Meeting expense	\$ 49,500	\$ 49,500	
IT	\$ 9,780	\$ 9,780	
GOMA Administration	\$ 7,404	\$ 9,706	Note: Additional \$2,962 for FY18-19 from M&A fee
Total Costs above	<b>\$ 66,684</b>	<b>\$ 68,986</b>	
Excess/(Shortage) Dues	<b>\$ (809)</b>	<b>\$ (3,111)</b>	

## Gulf of Maine Council on the Marine Environment

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### Gulf Of Maine Association US \$/CAD \$ Exchange Rates as of 2/22/17

1.00 CAD (CAD = Canadian Dollar)

USD = U.S. dollar (noon)

Date

	US Rate	Bank Rate	Adjustment
1/1/2017	0.756	0.729	-0.027
2/1/2017	0.763	0.736	-0.027
3/1/2017	0.747	0.72	-0.027
4/1/2017	0.744	0.717	-0.027
5/1/2017	0.735	0.708	-0.027
6/1/2017	0.752	0.725	-0.027
7/1/2017	0.786	0.759	-0.027
8/1/2017	0.792	0.765	-0.027
9/1/2017	0.814	0.787	-0.027
10/1/2017	0.794	0.767	-0.027
11/1/2017	0.783	0.756	-0.027
12/1/2017	0.783	0.756	-0.027

Avg Bank Exch 0.7438

3/22/2018	0.773	0.746	-0.027
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### NEEDS TO BE UPDATED

# Gulf of Maine Council on the Marine Environment

April 18, 2018 • Working Group Meeting • Briefing Book

Fiscal Agent Agreement - RARGOM				
7/1/18-6/30/19 BUDGET				
Approved by:				
		Proposed		
		Amount for		
Acc#	Account Name	18-19 Budget	Explanations	FY 19-20
4005	Membership Dues/Registration	5,500	Income is equal to expenses - its how we book the entry - out of the reserve account plus admin	5,500
4800	Management/Administration	660	12%	660
	<b>TOTAL INCOME</b>	<b>\$6,160</b>		<b>\$6,160</b>
6000	Contractors			0
6070	Meals			0
6080	Facility Rental/Meeting Expense	5,500	\$4,000 -Meeting Expenses from FY 17-18 budget; \$1,500 workshop grants to other groups	5,500
6120	Web Hosting/Maintenance		\$3,132 spent on the Oct Rargom meeting in 2017, \$1,400 spent on Schoodic Inst. Meeting	
	<b>TOTAL DIRECT EXPENSES</b>	<b>\$5,500</b>		<b>\$5,500</b>
6800	Management/Administration	\$660		\$660
	<b>TOTAL EXPENSES</b>	<b>\$6,160</b>		<b>\$6,160</b>
	Revenue over (expenses)	\$0.00		\$0.00



# Gulf of Maine Council on the Marine Environment

April 18, 2018 • Working Group Meeting • Briefing Book

GOMC Program - Information Technology				
7/1/18-6/30/19 DRAFT BUDGET				
Draft Reviewed and Approved by: Prassede Vella				
		Proposed		
Acct#	Account Name	18-19 Budget	Explanations	FY19-20 Budget
4000	US Federal Funding			
4010	Maine Funding			
4020	Massachusetts Funding			
4030	New Hampshire Funding			
4040	Nova Scotia Funding			
4050	New Brunswick Funding			
4060	Canada Funding/DFO			
4005	Dues	9,780	Yellahoose + web hosting	9,780
4070	Corporate Funding			
4080	Individual Funding			
4090	Organizational Funding			
4100	Foundation Funding			
4200	Program Fees			
4700	Miscellaneous Funding			
4800	Management/Administration			
4900	Interest Income			
	<b>TOTAL INCOME</b>	\$9,780		\$9,780
6000	Contractors-basic	9,600	Same as FY 17-18	9,600
6030	Printing & Publications			
6070	Meals & Entertainment			
6080	Facility Rental			
6110	Dues & Subscriptions			
6120	Web Hosting/Maintenance	180	Web Hosting Packawhallop - \$180 spent FY17-18	180
6190	Grants			
	<b>TOTAL DIRECT EXPENSES</b>	\$9,780		\$9,780
6800	Management/Administration	0		0
	<b>TOTAL EXPENSES</b>	\$9,780		\$9,780
	Revenue over (expenses)	\$0.00		\$0.00

# Gulf of Maine Council on the Marine Environment

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GOMC Management and Administration - Council Coordination/Secretariat				
7/1/18-6/30/19 DRAFT BUDGET				
Draft Reviewed and Approved by: Theresa Torrent				
		Proposed		
Acct#	Account Name	18-19 Budget	Explanations	FY 19 - 20
4000	US Federal Funding			
4010	Maine Funding			
4020	Massachusetts Funding			
4030	New Hampshire Funding			
4040	Nova Scotia Funding			
4050	New Brunswick Funding			
4060	Canada Federal Funding			
4005	Membership Dues	49,500		49,500
4070	Corporate Funding			
4080	Individual Funding			
4090	Organizational Funding			
4100	Foundation Funding			
4200	Registration Fees			
4700	Miscellaneous Funding			
4800	Management/Administration			
4900	Interest Income			
	<b>TOTAL INCOME</b>	<b>\$49,500</b>		<b>\$49,500</b>
6000	Contractors	47,000	Council Coordinator - based on contracted Scope of Work	47,000
6010	Accounting			
6030	Printing & Publications			
6070	Meeting Expenses			
6080	Facility Rental/Meeting Expense	2,500	Meeting Expenses, facility rental, ect. (\$3,030 FY15, \$0 for FY16, \$0 for FY 17)	2,500
6110	Dues & Subscriptions			
6120	Web Hosting/Maintenance			
6130	Bank Charges			
6190	Grants			
	<b>TOTAL DIRECT EXPENSES</b>	<b>\$49,500</b>		<b>\$49,500</b>
6800	Management/Administration	\$0		\$0
	<b>TOTAL EXPENSES</b>	<b>\$49,500</b>		<b>\$49,500</b>
	Net Operating Surplus/(Shortage)	\$0.00		\$0.00

# Gulf of Maine Council on the Marine Environment

April 18, 2018 • Working Group Meeting • Briefing Book

GOMC Program - ESIP				
7/1/18-6/30/19 BUDGET				
Draft Reviewed and Approved (as part of re-budgeting for ECCC GMI FY 18-19 process): Kathryn Parlee				
		Proposed		
		Amount for		
Acct#	Account Name	18-19 Budget	Explanations	FY 18 - 20
4000	US Federal Funding			
4020	Massachusetts Funding			
4030	New Hampshire Funding			
4040	Nova Scotia Funding			
4050	New Brunswick Funding			
4060	Canada Federal Funding	1,487	Year #3 EC GMI Ending 3/31/19 at Exch rate of \$.744 Yellahoose	
4005	Dues		Note: This amount represents the total Year #3 spending allotted to Data Upload	
4080	Individual Funding			
4090	Organizational Funding			
4100	Foundation Funding			
4700	Miscellaneous Funding			
4800	Management/Administration	2,302	Admin on entire Year #3 EC GMI contract at an exchange rate of .744. \$19,417 CAD will be paid out of	
4900	Interest Income		the Canadian Association to ECW.	
	<b>TOTAL REVENUE</b>	<b>\$ 3,788</b>		<b>\$ -</b>
6000	Contractors	1,487	Data upload to ESIP - Year #3 EC GMI	0
6000	Contractors			
6000	Contractors			
6000	Contractors			
6000	Contractors			
6010	Accounting			
6030	Printing & Publications			
6070	Meals & Entertainment			
6080	Facility Rental/Meeting Expense			
6100	Legal Fees			
6110	Dues & Subscriptions			
6120	Web Hosting/Maintenance			
6130	Bank Charges			
6200	Grants			
	<b>TOTAL DIRECT EXPENSES</b>	<b>\$ 1,487</b>		<b>\$ -</b>
6800	Management/Administration	2,302		0
	<b>TOTAL EXPENSES</b>	<b>\$ 3,788</b>		<b>\$ -</b>
	Net Operating Surplus/(-Shortage)	0		0

# Gulf of Maine Council on the Marine Environment

April 18, 2018 • Working Group Meeting • Briefing Book

GOMC and Fiscal Agent Management and Administration -Gulf of Maine Association				
7/1/18-6/30/19 DRAFT BUDGET				
Draft Reviewed and Approved by: GOMA Board at meeting in February, 2018				
Acct#	Account Name	Proposed Amount for 18-19 Budget	Explanations	FY 19 - 20
4000	Federal Funding			
4010	Maine Funding			
4020	Massachusetts Funding			
4030	New Hampshire Funding			
4040	Nova Scotia Funding			
4050	New Brunswick Funding			
4060	Membership Dues	7,404		9706
4070	Corporate Funding			
4080	Individual Funding			
4090	Organizational Funding			
4100	Foundation Funding			
4700	Miscellaneous Funding			
4800	Management/Administration	2,962	RARGOM, and EC GMI	690
4900	Interest Income			
	<b>Total Income</b>	<b>\$10,366</b>		<b>\$10,366</b>
6000	Contractors	4,680	GOMA Coordinator for period from July 1, 2018 through June 30, 2019	4,680
6000	Contractors	3,600	Bookkeeper from July 1, 2018 through June 30, 2019	3,600
6000	Contractors			
6000	Contractors			
6000	Contractors			
6010	Accounting	750	990EZ - Marshall & Libby	750
6030	Printing & Publications			
6070	Meals & Entertainment			
6080	Facility Rental			
6100	Legal Fees			
6110	Annual Fees	215	Annual Reports (\$35) Registrations (\$10); PO box fee (\$120); bank fees; Regis. Agent Fee (\$50)	215
6115	Insurance	1,121	Officers and Directors Liability Insurance - Coverage through 12/31/2018 (\$1,121 premium per year)	1,121
6120	Web Hosting/Maintenance			
6130	Bank Charges			
6200	Grants/Action Plans			
	<b>Total expenses</b>	<b>\$ 10,366</b>		<b>\$ 10,366</b>
6800	Management/Administration			
	<b>TOTAL EXPENSES</b>	<b>\$ 10,366</b>		<b>\$ 10,366</b>
	<b>Net Surplus/(Shortage)</b>	<b>\$ (0)</b>		<b>\$ -</b>
Note: Dues will be used to pay for the GOMA administration costs during 2018-2019 with the exception of \$2,302 from administration of the final Year #3 EC GMI contract plus RARGOM administration of \$660.				

**Gulf of Maine Council on the Marine Environment**

April 18, 2018 • Working Group Meeting • Briefing Book

<b>Gulf of Maine Council on the Marine Environment Meeting Briefing Note</b>				
<b>Title of Agenda Item:</b> GOMC 2018-2022 Framework for Action				
<b>Submitted by:</b> Joan LeBlanc, Council Coordinator				
<b>Type of Item</b> (place X in appropriate box)	<b>For Decision</b>	<b>For Direction</b>	<b>For Information</b> (internal GOMC)	<b>For Information</b> (External)
		X		
<b>Background</b> (required): <p>GOMC has been developing a 2018 – 2022 Action Plan during the 2017 – 2018 Secretariat Year. This new document is significantly different than previous plans because it will not include detailed GOMC activities as those activities are now outlined separately in two year Work Plans (GOMC is currently implementing the 2017 – 2019 Work Plan).</p> <p>This revised structure for GOMC’s Action Plan and Work Plan was set forth as part of GOMC’s organizational assessment and framework approved in 2015. At that time the goals and actions in the GOMC 2012-2017 Action Plan were reaffirmed and provided the foundation for a more detailed two-year work plan.</p> <p>Council Coordinator proposes adjusting the name of the ‘Action Plan’ to ‘Framework for Action’ instead of Action Plan since the current organizational framework calls for planned ‘actions’ to be outlined and regularly updated in the two-year work plans instead of being detailed in the ‘Action Plan’ as they had been in the past. This proposed change would help to clarify the relationship between the Framework for Action and the two-year Work Plans.</p>				
<b>Actions, Outcomes or Decisions Requested:</b> <ul style="list-style-type: none"><li>• Working Group members are asked to provide feedback and direction regarding the current Draft Gulf of Maine Council 2018-2022 Framework for Action.</li><li>• Once feedback is incorporated, Council Coordinator will move forward with final editing, layout and design.</li></ul>				
<b>Supporting Documentation</b> (If applicable, list additional documents included in the Briefing Book following this Briefing Note): <p><i>Draft Gulf of Maine Council 2018 – 2022 Framework for Action, pp. 14-28</i></p> <p>For reference, a copy of the GOMC 2012-2017 Action Plan is available at: <a href="http://www.gulfofmaine.org/2/action-plan-homepage/">http://www.gulfofmaine.org/2/action-plan-homepage/</a></p> <p>For reference, a copy of the GOMC 2017-2019 Work Plan is available at: <a href="http://www.gulfofmaine.org/2/wp-content/uploads/2017/10/GOMC-2017-2019-Work-Plan.pdf">http://www.gulfofmaine.org/2/wp-content/uploads/2017/10/GOMC-2017-2019-Work-Plan.pdf</a></p>				

## **Gulf of Maine Council on the Marine Environment**

### **2018 – 2022 Framework for Action**

#### **Vision Statement**

We envision a healthy and resilient Gulf of Maine where people and aquatic life thrive.

**Gulf of Maine Council**  
**DRAFT 2018 – 2022 Framework for Action**

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## **Introduction**

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The Gulf of Maine is a world class natural resource shared by the Provinces of New Brunswick and Nova Scotia, and the States of Maine, New Hampshire, and Massachusetts.

In 1989, the region's Premiers and Governors came together to create the Gulf of Maine Council on the Marine Environment as a regional forum to address issues affecting communities, the environment and the economy of this unique ecosystem.

With over 25 years of accomplishment, the Gulf of Maine Council on the Marine Environment continues to provide an important Canadian-American collaboration of government and non-governmental partners working to maintain the rich cultural heritage, economic resources, and unique natural habitats that make up the Gulf of Maine.

The Gulf of Maine Council's role as a leader for transboundary collaboration is even more important today as communities strive to adapt to shifting weather patterns, increasing temperatures, altered ocean chemistry and sea level rise. At the same time, population growth and increasing demand for resource use present additional management challenges.

Every five years, the Council renews its commitment to working in partnership toward a healthy Gulf of Maine ecosystem. With this 2018 – 2022 Framework for Action, the Gulf of Maine Council sets forth our shared vision for sustaining a healthy Gulf of Maine for future generations. This Framework for Action sets out a vision and goals that provide a foundation for actions outlined in Work Plans which are now updated every two years. The Gulf of Maine Council is also pleased to share key accomplishments toward achieving our mission during the past five years.

### **Gulf of Maine Council Mission -**

***To maintain and enhance environmental quality in the Gulf of Maine and to allow for sustainable resource use by existing and future generations.***



## About the Gulf of Maine Council

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The Gulf of Maine Council on the Marine Environment is a Canadian-American partnership of government and non-government interests. The Council's mission is to maintain and enhance environmental quality in the Gulf of Maine and to allow for sustainable resource use by existing and future generations.

A vital role of the Council is to serve as a forum to exchange information and tools, innovative ideas, and lessons learned across jurisdictions and between the US and Canada. The Council leverages regional skills and expertise, thus making more rapid progress in improving stewardship of the Gulf's resources. By hosting workshops and learning opportunities, the Council promotes understanding and shared solutions to the most pressing environmental issues facing the region.

Gulf of Maine Councilors are leaders of state, provincial and federal agencies, First Nations, non-governmental organizations and the private sector. The Gulf of Maine Council fosters consensus-based decision making and collaboration among a wide range of parties with an interest in the Gulf. Its meetings are open to the public and its activities reflect diverse public input.

Representatives of government agencies, academia, businesses and non-government organizations participate in the Council's many committees and initiatives. Leadership of the Council rotates every two years, with one of the five states or provinces serving as the Secretariat and coordinating the Council's work. Jurisdictions have the option of inviting federal partner agencies to assist or co-lead during their Secretariat. Contract staff located around the region work with the Council to help accomplish goals, and non-profit associations support the Council in both Canada and the United States. The 2016 – 2018 New Brunswick Secretariat will be passed to the Maine 2018 – 2020 Secretariat in June 2018.

### Purposes of the Council

The Gulf of Maine Council continues to operate around the following three purposes set forth in 1989 by the Governors of Massachusetts, New Hampshire and Maine, and the Premiers of New Brunswick and Nova Scotia.

- **Facilitate integrated watershed, coastal and ocean management.** The Council fosters an ecosystem-based management approach. It works to ensure decision-makers possess the necessary information to manage human effects on the ecosystem, to preserve ecological integrity and to sustain economically and socially healthy human communities.
- **Enable the region's governments to be more effective stewards.** States, provinces and federal government agencies become more effective stewards by working together in a regional forum to learn from each other and try new approaches.
- **Develop and sustain strong partnerships.** The Council promotes effective and lasting partnerships among government agencies and with local and regional organizations to enhance and leverage opportunities for addressing issues of regional concern.

## **Guiding Principles**

These four principles help guide the Gulf of Maine Council in decisions related to the Gulf of Maine ecosystem. Each principle is congruent with other international protocols, as well as state, provincial and national legislation in Canada and the United States.

### **1. Ecologically Sustainable Development**

The Council seeks to meet the region's current social, cultural and environmental needs without compromising the needs of future generations. Working in partnership with others, it strives to sustain ecological processes and enhance the region's quality of life.

### **2. Ecosystem-based Planning and Management**

The Council supports collaborative management that integrates economic and ecological values and objectives, emphasizing natural rather than political boundaries.

### **3. Environmental Protection through Precaution**

The Council supports conservation of the coastal and marine environment, and urges its members to proceed with caution when scientific information is incomplete to avoid environmental degradation.

### **4. Public Information and Participation**

The Council is committed to a participatory process that informs and engages the public in setting priorities, forming policies and pursuing efforts to conserve the Gulf's environment.

## **Role and Sphere of Influence**

The Gulf of Maine Council is a transboundary organization uniquely positioned to focus on issues that require or benefit from regional collaboration between Canada and the United States. The Council also provides an opportunity for collaboration and networking across New Brunswick, Nova Scotia, Maine, New Hampshire and Massachusetts. While the Council does not have direct regulatory or policy-making authority of its own, its goals and outcomes are congruent with state, provincial and federal priorities.

One of the primary strengths of the Council is in bringing partners together toward the shared goal of a sustainable and healthy Gulf of Maine. As a convening organization, the Council plays a valuable role by acting as the catalyst for Gulfwide efforts that may ultimately be led by other member or partner organizations.

During an organizational assessment conducted in 2015, the Council reaffirmed its mission and principles, while also identifying the following two highest priority types of work for the Gulf of Maine Council to engage in going forward.

- Multi-jurisdictional collaboration, facilitation and networking
- Regional sharing of resources, best practices, and capacity building across international and jurisdictional boundaries

## **About the Gulf of Maine**

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*This section will include a map*

The Gulf of Maine, which includes the Bay of Fundy, is one of the most dynamic and productive marine ecosystems in the world. The Gulf watershed encompasses a vast area including 7,500 miles of coastline in New Brunswick, Nova Scotia, Maine, New Hampshire, and Massachusetts draining into 36,000 square miles of semi-enclosed coastal seas in North America.

➤ **Abundant Wildlife and Natural Resources**

The Gulf of Maine watershed is home to a wide variety of wildlife from migratory shorebirds to fish, shellfish and marine mammals. The region's rich waters support marine life ranging from plankton to endangered species such as the North Atlantic right whale. Unique habits include sandy banks, coastal salt marshes, rocky ledges and deep basins.

➤ **Economic Vitality**

Fisheries in the watershed are a strong economic driver for people and communities around the Gulf of Maine. Each year, commercial fisheries generate between \$900 million to \$1.3 billion US dollars and aquaculture generates approximately \$240 million US dollars. Tourism, boatbuilding, shipping and marine trades also support local economies in the Gulf.

➤ **Rich Cultural Heritage**

Maritime heritage, coastal beauty, and abundant natural resources enrich the lives of residents and visitors to the Gulf of Maine's diverse coastal and watershed communities. From historic lighthouses to coastal fishing communities, the unique features of the Gulf of Maine have created a special 'sense of place' for those who live, work and play in the region.

➤ **Importance of Stewardship**

The beauty and natural resources of the Gulf of Maine watershed have fostered a culture of stewardship to ensure that these resources are sustained for future generations. The Gulf of Maine Council is a valued leader for bringing government and nongovernmental partners together in support of a shared vision for a healthy and sustainable Gulf of Maine ecosystem.

## **2018 – 2022 Framework**

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### **Vision Statement**

We envision a healthy and resilient Gulf of Maine where people and aquatic life thrive.

The Gulf of Maine Council vision statement guides efforts to achieve three long-range goals. The Council has also identified outcomes that contribute to each goal. The vision statement, goals and outcomes set forth in this Framework for Action provide the foundation for targeted activities and initiatives outlined within two-year work plans. While work plans support these goals and outcomes, they are published and updated independently from this Framework for Action to allow for a more dynamic and adaptable approach to achieving the Council's vision, goals and outcomes.

### **Goals**

➤ **Goal 1 – Restored and Conserved Habitat**

Habitats in the ocean and along the coast, including the rivers that flow to the Gulf, are healthy, productive and resilient. They support rich aquatic life and a vibrant, sustainable ocean economy.

#### **Outcomes**

- Habitat restoration
- Habitat conservation
- Water quality protection
- Climate adaptation (cross-cutting)

➤ **Goal 2 – Environment and Human Health**

Environmental conditions in the Gulf of Maine support the health of people and the ecosystem.

#### **Outcomes**

- Increased awareness about links between environment and human health
- Identification and sharing of knowledge about emerging issues / risks
- Environmental monitoring, indicators and reporting
- Climate adaptation (cross-cutting)

➤ **Goal 3 – Sustainable and Resilient Communities**

People who live and work in the communities around the Gulf of Maine have information, resources and tools needed to adapt to the changing environment.

#### **Outcomes**

- Climate adaptation (cross-cutting)
- Understanding how people use the Gulf of Maine
- Community stewardship

### **GOMC Work Plan**

Gulf of Maine Council's two-year work plans highlight initiatives to support achievement of the goals and outcomes identified in the GOMC 2018-2022 Framework for Action. In 2015, the Council began creating two-year vs. five-year work plans to ensure that these plans reflect the Council's most up to date activities, priorities, and initiatives. Publishing the work plan separately from the five-year Framework for Action also allows the Council to update its work plan as-needed.

The Gulf of Maine Council's 2017–2019 Work Plan is in effect as of the publication of this 2018–2022 Framework for Action. The 2017-2019 Work Plan highlights Gulf of Maine Council initiatives with planned activities for the period July 2017 through June 2019. Council work plans may be revised to reflect changes or incorporate new initiatives as they are approved by the Council. Once approved, the two-year work plan is posted to the Council's website at [www.gulfofmaine.org](http://www.gulfofmaine.org). Links between the Council's planned activities and Council goals and outcomes are detailed in the work plans.

As of the publication of this Framework for Action, the Council's 2017-2019 Work Plan includes initiatives such as:

➤ **Coastal and Marine Spatial Planning**

The Gulf of Maine Council will track and exchange information on Coastal and Marine Spatial Planning policies, activities and lessons on both sides of the border. The Council will maintain dialogue and seek opportunities to learn from each other by sharing knowledge about best practices, tools and techniques as well as information on human use and ecological data.

➤ **EcoSystem Indicator Partnership**

This cross-cutting initiative seeks to address the regional need for strong collaboration and sharing to improve understanding and inform researchers, managers, and citizens about the status and trends in ecosystem health of the Gulf of Maine through use of indicators. Priorities during the two-year period include completing and reporting on a water quality and sediment monitoring project in Canada, and promoting tools and resources at relevant meetings and workshops.

➤ **Climate Network**

The Climate Network will continue to foster sharing of professional knowledge and resources and coordinated regional responses in support of greater climate resilience and adaptability in communities throughout the Gulf of Maine. Activities include publishing a Gulf of Maine Quarterly Climate Impacts and Outlook, enhancing and publicizing web-based tools that provide access to Intensity / Duration / Frequency (IDF) extreme rainfall data to help environmental managers and planners in Atlantic Canada better prepare for climate impacts, and hosting workshops to engage First Nations tribes.

➤ **Gulf of Maine Awards Program**

The Gulf of Maine Council will continue hosting an awards program to celebrate and recognize accomplishments of volunteers, environmental professionals, communities, non-government organizations, and industry in promoting a healthy Gulf of Maine ecosystem.

➤ **Gulf of Maine Symposium**

The Council will work in collaboration with regional partner organizations and government agencies to host a bi-national Gulf of Maine Symposium in 2019 or 2020. The goal of this multi-day event is to highlight the 'State of the Gulf' and work toward a shared vision for a sustainable Gulf of Maine.

➤ **Gulf of Maine GeoTour**

The Gulf of Maine Council's GeoTour was established in celebration of the Council's 25<sup>th</sup> Anniversary. This initiative encourages people to explore and learn about the beauty and value of the Gulf of Maine as they participate in this international geocaching program featuring sites of historic, natural or cultural importance around the Gulf of Maine in US and Canada.

➤ **Gulf of Maine Learning Opportunities**

The Council will continue to provide a forum for networking, learning and sharing tools, information and resources that support binational efforts to ensure a healthy and sustainable Gulf of Maine for future generations. These efforts may include in-person meetings with expert presenters and policy discussions, workshops, and web-based tools or Webinars. Topics will focus on priority issues such as climate impacts, coastal resilience, coastal and ocean acidification, marine debris, and marine planning.

## Gulf of Maine Council Accomplishments: 2012-2017

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Over the past five years, the Gulf of Maine Council has worked diligently toward achieving its vision of a healthy and resilient Gulf of Maine where people and aquatic life thrive. In support of our binational efforts to restore and conserve habitats, promote environmental and human health, and ensure sustainable communities, the Gulf of Maine Council implemented the following initiatives from 2012 through 2017.

### Climate Network

The Climate Network brings together planners and scientists from around the Gulf of Maine to raise awareness about climate impacts and inspire effective action. Through a collaborative and regional approach, the Climate Network engages participants across borders to address shared concerns such as sea-level rise, extreme weather events and ocean acidification. Key accomplishments from 2012 through 2017 are highlighted below.

- Worked with US and Canadian scientists to publish a new **Gulf of Maine Quarterly Climate Impacts and Outlook** to provide an overview of the past season's events and anomalies, weather impacts on the region, and an outlook for the upcoming season. Coastal management professionals throughout the five jurisdictions use this information to inform coastal climate adaptation and mitigation efforts.
- Helped coordinate a **Gulf of Maine King Tides Initiative** to raise awareness about the future implications of sea level rise on coastal communities and the economy. Hosted photo contests and events to highlight inundation during extreme tidal conditions.
- Launched a new **Regional Climate Dashboard** providing real-time climate data for temperature, precipitation, drought and stream flow, winter weather and ocean conditions. This tool helps inform coastal decision makers and community managers.
- Completed a **Climate Adaptation Study in the Bay of Fundy** to identify climate adaptation measures underway, actions planned, and resourced needed by municipalities bordering the Bay of Fundy.
- Created an online **Community Toolkit** with links to resources, tools and guidance useful for municipalities in their work on climate mitigation and adaptation.
- Convened a two-day **Planning for Change** gathering of more than 60 experts to discuss climate change issues in the states and provinces that border the Gulf of Maine. Discussions focused on lessons learned; planning and strategies for adaptation and mitigation; need for management and policy, and proactive actions needed in forestry, fisheries and transportation.

### Coastal and Marine Spatial Planning

Successful Coastal and Marine Spatial Planning (CMSP) requires compilation of regional data and information and the mapping of human uses and areas of ecological significance. The Gulf of Maine Council's CMSP Committee serves as a bi-national forum seeking opportunities to share information and knowledge about best practices, tools and techniques; learn from experiences in other jurisdictions;

share information about human use patterns and ecological data; and support collaborative projects aimed at filling knowledge gaps. During the 2012 to 2017 period, the CMSP Committee:

- Met regularly and hosted learning opportunities to share updates regarding ocean planning activities on the US and Canadian side. Participants from both countries learned from each other and discussed opportunities to benefit from collaboration and shared planning tools.
- Enhanced CMSP website and communications materials.
- Expanded membership and engagement in CMSP dialogue on both sides of the border.
- Hosted a workshop in Portsmouth, New Hampshire during 2013.
- Hosted a webinar during 2017 to share knowledge about activities in the Gulf of Maine region and identify opportunities for Canadian / US Collaboration. Identified the following priority themes for future collaboration and learning opportunities:
  1. Transboundary issues, activities and uses;
  2. CMSP tools, methods and approaches; and
  3. Effective engagement and partnerships.
- Hosted second webinar in 2017 to share information on the Northeast Region Ocean Plan Portal and related data, mapping and information applications.

### **EcoSystem Indicators Partnership**

The Gulf of Maine Council's EcoSystem Indicators Partnership (ESIP) develops indicators for the Gulf of Maine and integrates regional data through a web-based reporting system for marine ecosystem monitoring. ESIP provides resources for regional practitioners in six indicator areas: coastal development, contaminants and pathogens, eutrophication, aquatic habitat, fisheries and aquaculture, and climate change. ESIP helped inform researchers, managers, and citizens about the status and trends in ecosystem health in the Gulf of Maine using indicators through the following accomplishments.

- Redesigned web-based **Indicator Reporting Tool** to simplify and enhance opportunities for reporting on indicators and ecosystem change in the Gulf of Maine.
- Developed a new **ICUC Smartphone APP** to raise awareness and provide easy access to monitoring information and highlight changing conditions in the Gulf of Maine.
- Worked in partnership with the US Environmental Protection Agency on **Watershed Planning** to link upstream activities with downstream conditions in a study area spanning from the Annapolis River in Nova Scotia to Long Island Sound.
- Published more than 35 **ESIP Journal** entries from 2012 through 2017, providing regional managers in the US and Canada with updates and news from research, programs, and initiatives throughout the Gulf of Maine watershed.
- Published **ESIP Fact Sheets** highlighting the latest scientific research and knowledge around key issues related to the indicators including fisheries, eutrophication, coastal development, and contaminants.
- Launched a **Bay of Funding Study** in partnership with Eastern Charlotte Waterways to gather information on eutrophication and sediment contamination in the Bay of Fundy.



### **Gulfwatch Contaminants Monitoring Program**

Launched in 1993, the Gulf of Maine Council's Gulfwatch Program measures contaminants such as PCBs, PAHs, metals and chlorinated pesticides in blue mussels to assess the types and concentration of contaminants in coastal waters of the Gulf of Maine. From 2012 to 2017, GOMC conducted limited monitoring activities and continued analyzing data and publishing reports and journal articles from sampling results of contaminants in mussels throughout the Gulf of Maine. Outreach efforts included presenting at the Coastal Zone Canada 2014 conference and publishing a theme paper on toxic chemical contaminants in the Gulf of Maine. Gulfwatch continues to assess trends in chemical contaminants throughout the Gulf of Maine, while adapting to meet the evolving needs of resource managers and surrounding communities, and also being responsive to changes in technology and assessments of the environmental integrity of the Gulf of Maine.

### **State of the Gulf of Maine Initiative**

The State of the Gulf of Maine Report provides state-of-the-environment reporting for the region. Since inception, the report has produced a Gulf of Maine context document and series of 13 theme papers on priority issues facing the Gulf of Maine region. From 2012 to 2017, State of the Gulf of Maine published theme papers on Eutrophication, Offshore Ecosystems, Species at Risk, Commercial Fisheries, Toxic Chemical Contaminants, Land Use and Coastal Development, and Watershed Status. The Committee also compiled information on guidelines, best management practices and codes of conduct for coastal and ocean users in the Gulf of Maine, linked to the overarching themes for the State of the Gulf Report.

### **Habitat Restoration Program**

The Gulf of Maine Council's Habitat Restoration Program completed its partnership with the US National Oceanic and Atmospheric Administration Restoration Center's Community-based Restoration Program to restore degraded habitats and support a strategic approach to marine, coastal and riverine habitat restoration. Since 2002, the Council has provided grants and technical assistance to over 120 restoration projects in Maine, Massachusetts, New Hampshire, New Brunswick and Nova Scotia resulting in the following habitat restoration and enhancements:

- Re-established tidal flow in 682 tidal marsh acres,
- Provided 94 barrier-free stream miles,
- Renewed fish passage in 141 stream miles, and
- Restored alewife access to 4,638 acres of spawning habitat.

### **Tidal Culvert Crossings Initiative**

The Gulf of Maine Council provided a forum for identifying needs and developing tools to evaluate and improve tidal road crossings for the benefit of ecosystem services in the Gulf of Maine watershed.

- In 2014, GOMC published ***CoastWise Tidal Road Crossing Concept Assessment***, a rapid assessment to evaluate the need for developing a Tidal Road Crossings initiative.
- In 2015, GOMC hosted a **Tidal Crossings Workshop** in collaboration with the Northeast Regional Ocean Council and the North Atlantic Landscape Conservation Cooperative. Over 40 experts in

fisheries, habitat, and infrastructure convened to identify key challenges and communities of practice around improving tidal culvert crossings in the context of sea level rise.

- GOMC's proactive efforts helped inform development of ***New Hampshire's Tidal Crossings Assessment Protocol*** in 2017.

### **Gulf of Maine Awards Program**

GOMC hosted an annual awards program and ceremony recognizing the accomplishments of volunteers, coastal management professionals, communities, and businesses from each jurisdiction for outstanding efforts to promote a sustainable Gulf of Maine ecosystem.

### **Forum for Gulf of Maine Networking and Learning Opportunities**

The Gulf of Maine Council hosted virtual and in-person bi-national meetings to provide learning opportunities, exchange best practices, and discuss key issues related to promoting a healthy Gulf of Maine ecosystem. These gatherings provided unique opportunities to discuss science and management issues related to some of the most pressing topics affecting the Gulf of Maine watershed. Special presentations and discussion sessions during 2012 to 2017 focused on topics such as:

- Ocean and Coastal Acidification and Water Quality in the Gulf of Maine
- Extreme Precipitation in the Gulf of Maine: Challenges and Responses
- How the Gulf of Maine Can Help Us Learn to Live in a Warmer World
- National Assessment of Coastal Change Hazards
- NH Coastal Risks and Hazards Commission Report
- Integrated Sentinel Monitoring Network
- Opportunities to Address Marine Debris in the Gulf of Maine
- Planning for a future Gulf of Maine Symposium
- Coastal Resilience Planning and Tools

### **GOMC 25<sup>th</sup> Anniversary**

The Gulf of Maine Council hosted the following activities and initiatives to celebrate and commemorate 25 years of Canada and the US working in collaboration toward a healthy Gulf of Maine watershed.

- **Facing Change: Sustaining the Vitality of the Gulf of Maine Region**  
Created brochure highlighting the unique resources of the Gulf of Maine ecosystem as well as opportunities to collaborate on future protection efforts. Distributed 4,000 printed copies to watershed managers, decision makers, and stakeholders throughout the Gulf of Maine. Posted online version of the publication to the Gulf of Maine Council's website and shared with partner organizations and agencies throughout the region.
- **Gulf of Maine GeoTour**  
Launched a family-friendly geocaching project with 25 sites scattered throughout the five states and provinces that make up the Gulf of Maine watershed. This innovative initiative has encouraged hundreds of people to explore and learn about the Gulf of Maine's unique natural beauty and resources.

➤ **Gulf of Maine Special Session at Coastal Zone Canada Conference**

Hosted a special session, *Voices of Our Ocean and Coastal Treasure: The Gulf of Maine*, at Coastal Zone Canada's 2014 Conference. The session included a multi-media exhibit, informative presentations and a panel discussion highlighting actions needed to ensure a sustainable Gulf of Maine in the future.

**GOMC Sustainability**

The Gulf of Maine Council conducted a year-long organizational assessment to increase organizational efficiency and provide an effective framework for continued Canadian / US collaboration toward a healthy Gulf of Maine ecosystem. This effort resulted in a more effective organizational structure and leadership framework as outlined in the [2015 Gulf of Maine Council Reference Guide](#).

## **APPENDICES**

### **Select Publications and Communications Products 2012-2017**

*Additional detail and links to be added as needed*

Celebrating 25 Years of Knowledge on the Gulf: A Bibliography of the Gulf of Maine Council on the Marine Environment, 2014

CoastWise Tidal Road Crossing Assessment, 2014

EcoSystem Indicators Partnership – Fact Sheets

- [Coastal Development in the Gulf of Maine, 2013](#)
- [Contaminants in the Gulf of Maine, 2014](#)
- [Fisheries Issues in the Gulf of Maine, 2016](#)
- [Eutrophication Issues in the Gulf of Maine, 2016](#)

[EcoSystem Indicators Partnership Annual Newsletters, 2014 - 2016](#)

[Facing Change: Sustaining Vitality of the Gulf of Maine Region, 2014](#)

[Gulf of Maine Region Quarterly Climate Impacts and Outlook, 2015 - 2017](#)

[Gulf of Maine Council GeoTour: Passport to Exploring the Gulf of Maine, 2015](#)

[Gulf of Maine Council Reference Guide, 2015](#)

[Municipal Climate Change Adaptation around the Bay of Fundy: Status and Needs, 2014](#)

[State of the Gulf of Maine Report](#)

Theme Papers published 2012 - 2017

- [Commercial Fisheries](#)
- [Eutrophication](#)
- [Coastal Land Use and Development](#)
- [Offshore Ecosystems and Habitats](#)
- [Species at Risk](#)
- [Toxic Chemical Contaminants](#)
- [Watershed Status](#)

**Gulf of Maine Council on the Marine Environment**

April 18, 2018 • Working Group Meeting • Briefing Book

<b>Gulf of Maine Council on the Marine Environment Meeting Briefing Note</b>							
<b>Title of Agenda Item:</b> Planning for June 2018 Council / Working Group Meeting							
<b>Submitted by:</b> Christie Ward, Prassede Vella and Joan LeBlanc							
<b>Type of Item</b> (place X in appropriate box)	<b>For Decision</b>		<b>For Direction</b>	x	<b>For Information</b> (internal GOMC)	x	<b>For Information</b> (External)
<b>Background</b> (required):  The Gulf of Maine Council will host a two-day in person meeting in Gloucester, Massachusetts on Tuesday, June 5 <sup>th</sup> and Wednesday, June 6 <sup>th</sup> . The awards reception will take place on the evening of June 5 <sup>th</sup> .  A summary of meeting logistics including recommended accommodations is included in this Briefing Book for reference.  The most recent draft agenda for the meeting is provided in this Briefing Book for review and feedback.							
<b>Actions, Outcomes or Decisions Requested:</b> <ul style="list-style-type: none"><li>• Working Group members are provided with an update regarding logistics and plans for the June 2018 meeting.</li><li>• Working Group members are asked to provide feedback regarding their plans for attendance at the June 2018 meeting.</li><li>• Working Group members are reminded of the <b>May 4<sup>th</sup> deadline</b> for making hotel reservations with the discount accommodation rate.</li><li>• Working Group members are asked to provide direction and feedback regarding the Draft Agenda for the June 2018 Council / Working Group meeting.</li></ul>							
<b>Supporting Documentation</b> (If applicable, list additional documents included in the Briefing Book following this Briefing Note): <ul style="list-style-type: none"><li>• GOMC June 2018 Meeting Logistics, pp. 30-31</li><li>• GOMC June 2018 Draft Meeting Agenda, pp. 32-33</li></ul>							

## Logistics for GOMC Meeting and Awards Reception June 5-6, 2018 • Gloucester, MA

### GOMC Council / Working Group Meeting

**Dates:** Tuesday, June 5 and Wednesday, June 6

**Time:** Estimated time 8:30 AM ET – 4:00 or 4:30 PM ET

**Location:** **NOAA Marine Fisheries Service**  
Greater Atlantic Regional Fisheries Office  
55 Republic Drive, Gloucester, MA

### GOMC Awards Ceremony and Reception

**Date:** Tuesday, June 5

**Time:** Estimated time 6:00 PM

**Location:** **The Gloucester House**  
63 Rogers Street  
Gloucester, MA 01930  
<http://thegloucesterhouse.com/>

### Recommended Accommodations

#### **Ocean House Hotel at Bass Rocks**

107 Atlantic Road  
Gloucester, MA 01930

<https://www.oceanhousegloucester.com/>

The Gulf of Maine Council has arranged for a group discount at the Ocean House Hotel at Bass Rocks in Gloucester, MA. The discount room rate is **\$119 per night**. The rate is subject to estimated taxes of 11.7%. A limited number of rooms will be available at this rate until **Friday, May 4, 2018**. To be eligible for the discount rate, guests must call **1-888-802-7666** and ask for the **Gulf of Maine Council on the Marine Environment** when making reservations. To be refundable, cancellation of reservations must be made 7 days in advance. For cancellations with less than 7 day notice, a fee equal to the first night accommodation will be charged.

**Beauport Hotel Gloucester**

55 Commercial Street

Gloucester, MA 01930

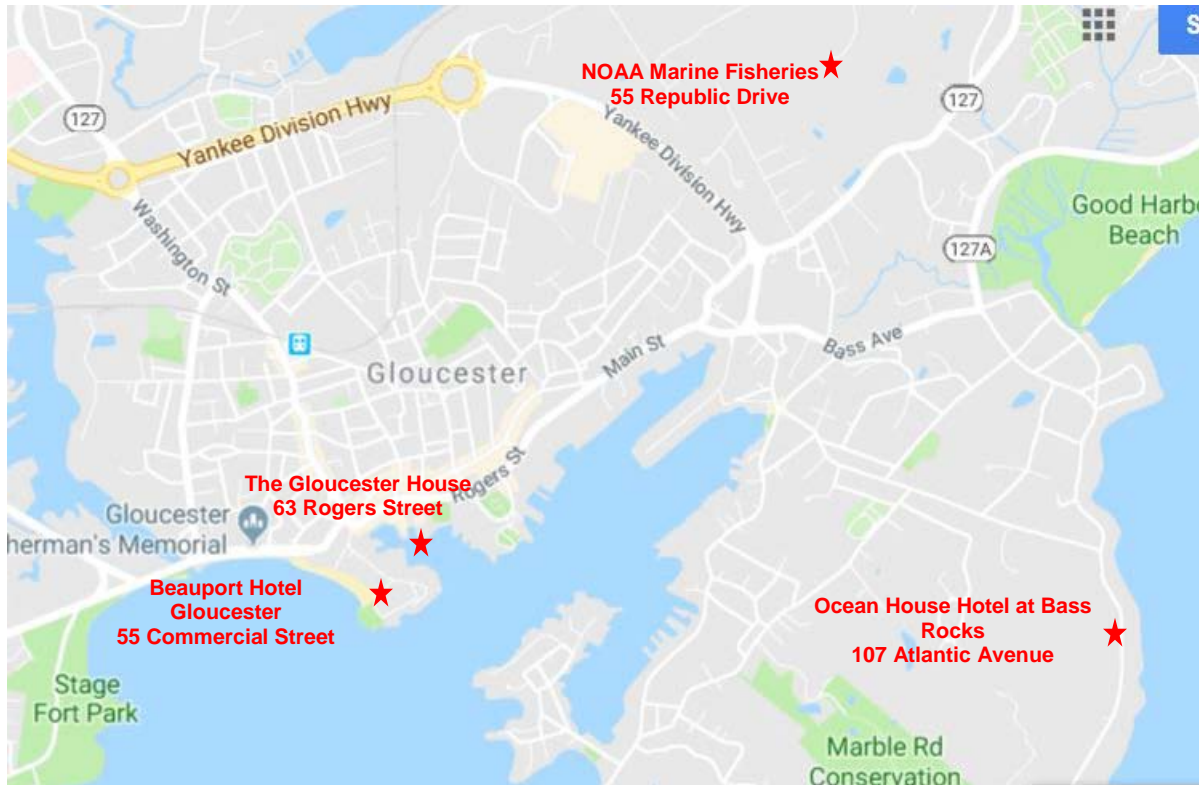
<http://www.beauporthotel.com/>

978-282-0008

This hotel provides an easy couple block walk to The Gloucester House where we will host the GOMC awards reception. This hotel would not provide a discounted rate unless we also hosted the awards reception there (not an option due to cost). **The best available rate during our meeting dates is currently \$300, subject to change.**

**Map / Travel**

- Gloucester, MA is located approximately 42 miles North of Boston's Logan Airport.
- The map below shows approximate location of GOMC events / accommodations for reference.



Please contact Council Coordinator Joan LeBlanc at [jleblanc@gulfofmaine.org](mailto:jleblanc@gulfofmaine.org) or 978-866-7284 if you have any questions.

*Last updated: March 16, 2018*

## Gulf of Maine Council on the Marine Environment

April 18, 2018 • Working Group Meeting • Briefing Book

### DRAFT MEETING AGENDA – Day 1

All Times are ET

<b>Joint Council / Working Group Meeting • Tuesday, June 5, 2018</b> <b>NOAA Marine Fisheries, Greater Atlantic Regional Fisheries Office, 55 Republic Drive, Gloucester, MA</b>		
8:30 AM	<b>GOMC Council Meeting - Welcome, Introductions and Overview of Meeting Objectives</b> <i>Council Chair: Perry Haines, NB Department of Environment and Local Government</i>	
8:40 AM	<b>Consent Agenda</b> <ul style="list-style-type: none"> <li>Draft December 2017 Council / WG meeting summary</li> <li>Draft April 2018 Working Group meeting summary</li> </ul>	✓ For Decision
8:45 AM	<b>Roundtable Forum</b> Council / WG members discuss key issues facing jurisdiction and / or region.	✓ For Information
10:45 AM	<b>Break</b>	
11:00 AM	<b>GOMC 2018-2022 Framework for Action</b> Council / WG members provide final review / approval of the Gulf of Maine Council 2018 – 2022 Framework for Action.	✓ For Decision
11:15 AM	<b>GOMC 2017 – 2019 Work Plan Updates</b> Working Group members will provide updates and request feedback as needed regarding GOMC Work Plan initiatives. Updates will likely include Climate Network, EcoSystem Indicator Partnership (ESIP), Coastal and Marine Spatial Planning (CMSP), and others.	✓ For Information ✓ For Direction
12:15 PM	<b>Lunch</b> (provided on-site)	
1:15 PM	<b>Gulf of Maine Symposium</b> Working Group members will provide updates and request feedback regarding ongoing efforts of the Gulf of Maine Council and several partner organizations (GMRI, NERACOOS, RARGOM, Huntsman Marine) to plan a multi-day Gulf of Maine Symposium for the Fall of 2019.	✓ For Information ✓ For Direction
2:45 PM	<b>Break</b>	
3:00 PM	<b>Marine Protected Areas in the Gulf of Maine</b> <i>Glen Herbert, Fisheries and Oceans Canada</i> Presentation and discussion regarding Canadian efforts to identify and protect valuable marine habitat in the Gulf of Maine.	✓ For Information ✓ For Direction
4:00 PM	<b>Adjourn for the Day</b>	

<b>Tuesday, June 5, 2018 • GOMC Awards Reception</b> <b>The Gloucester House, 63 Rogers Street, Gloucester, MA</b>	
6:00 PM	<b>GOMC Awards Reception</b> GOMC will host special reception and ceremony to present GOMC 2018 Awards.

*Please note: This draft agenda will be revised and further developed throughout the spring.*



## Gulf of Maine Council on the Marine Environment

April 18, 2018 • Working Group Meeting • Briefing Book

### DRAFT MEETING AGENDA – Day 2

All Times are ET

Joint Council / Working Group Meeting • Wednesday, June 6, 2018 NOAA Marine Fisheries, Greater Atlantic Regional Fisheries Office, 55 Republic Drive, Gloucester, MA		
8:30 AM	<b>Gulf of Maine Council Meeting Begins / Overview of Objectives for Day 2</b> <i>Council Chair: Perry Haines, NB Department of Environment and Local Government</i>	
8:45 AM	<b>Regional Climate Trends and NOAA's National Water Model</b> <i>Guest Presenter - David Vallee, Hydrologist in Charge</i> <i>NOAA's Northeast River Forecast Center</i> David will present climate trends in the Gulf of Maine region and discuss the value of NOAA's National Water Model. Presentation will be followed by discussion with Council and Working Group.	✓ For Information ✓ External
10:15 AM	<b>Break</b>	
10:30 AM	<b>Gulf of Maine Council Topics (Placeholder)</b> Agenda will include policy discussions and presentations from experts on priority topics such as coastal resilience, coastal and ocean acidification, ocean governance, marine protected areas, or climate impacts on the Gulf of Maine. Agenda currently under development.	
12:30 PM	<b>Lunch</b> (provided on site)  <b>Gulf of Maine Association</b> may hold a brief luncheon meeting from 12:30 PM – 1:00 PM. Any interested Council or Working Group members are welcome to attend. Plans in development.	
1:45 PM	<b>Marine Debris in the Gulf of Maine</b> Theresa Torrent of the Maine Coastal Program will share highlights from the Sixth International Marine Debris Conference held in San Diego, California during March 2018, and facilitate a discussion about creating a Marine Debris Action Plan for the Gulf of Maine.	✓ For Information ✓ For Direction
3:00 PM	<b>Break</b>	
3:15 PM	<b>Gulf of Maine Council Topics (Placeholder)</b> Agenda will include policy discussions and presentations from experts on priority topics such as coastal resilience, coastal and ocean acidification, ocean governance, marine protected areas, or climate impacts on the Gulf of Maine. Agenda currently under development.	
4:00 PM	<b>GOMC Leadership Transition</b> New Brunswick passes GOMC leadership to Maine for the next two-year period. Maine provides update regarding plans for the 2018-2019 Secretariat Year.	
4:30 PM	<b>Meeting Adjourns</b>	

*Please note: This draft agenda will be revised and further developed throughout the spring.*

**Gulf of Maine Council on the Marine Environment**

April 18, 2018 • Working Group Meeting • Briefing Book

<b>Gulf of Maine Council on the Marine Environment Meeting Briefing Note</b>					
<b>Title of Agenda Item:</b> GOMC 2018 Awards Program					
<b>Submitted by:</b> Theresa Torrent and Joan LeBlanc					
<b>Type of Item</b> (place X in appropriate box)	<b>For Decision</b>	<b>For Direction</b>	x	<b>For Information</b> (internal GOMC)	x
					<b>For Information</b> (External)
<p><b>Background</b> (required):</p> <p>The Gulf of Maine Council received nominations for its 2018 Awards Program through March 30, 2018. During the April 18 Working Group meeting, GOMC will review nominations and recommend award winners. All Council and Working Group members are welcome to participate in the review and selection process. Recommendations will be circulated to Council for feedback prior to final decisions.</p> <p><u>Please Note:</u> Visionary Award winners will be decided by each jurisdiction while Gulf-wide award winners (Longard, Susan Snow-Cotter, Industry, Sustainable Community) will be determined via GOMC consensus.</p> <p>Awards will be presented during the June 5<sup>th</sup> Awards Ceremony and Reception in Gloucester, MA.</p> <p>An awards review form and a copy of the nominations received are included in this Briefing Book.</p>					
<p><b>Actions, Outcomes or Decisions Requested:</b></p> <ul style="list-style-type: none"><li>• Working Group members will discuss nominations and make recommendations for GOMC 2018 Awards.</li><li>• Any Council or Working Group member who cannot attend the meeting is welcome to fill out the review form and send it to <a href="mailto:jleblanc@gulfofmaine.org">jleblanc@gulfofmaine.org</a> in advance of the Working Group meeting.</li></ul>					
<p><b>Supporting Documentation</b> (If applicable, list additional documents included in the Briefing Book following this Briefing Note):</p> <p>Awards Selection Form, pp. 35-37 Award Nominations, pp. 38-62</p>					

## Gulf of Maine Council on the Marine Environment

April 18, 2018 • Working Group Meeting • Briefing Book

### 2018 Gulf of Maine Council Awards

Information provided by Working Group and / or Council members on this form will be used to guide discussion for selection of GOMC 2018 awards during the April 18 Working Group meeting. Please forward your review in advance of the meeting if possible or use this form for your own notes in advance of the meeting. For those who cannot attend the April 18<sup>th</sup> teleconference but would like to provide input, please forward your rankings and any comments for gulfwide awards using this form or via separate email to [jleblanc@gulfofmaine.org](mailto:jleblanc@gulfofmaine.org) by 12:00 PM ET on April 18.

#### Name of Reviewer (include your name here if sending in advance):

1. Please review the three nominations for Susan Snow-Cotter Award and use the table below to rank the nominees from 1-6, with 1 being your first choice.

2018 Nominations for Susan Snow-Cotter Award			
<b>Criteria:</b> The Susan Snow-Cotter Leadership Award is bestowed in memory of Susan Snow-Cotter, a long-time friend of the Council and Working Group. The Award is given to an individual from one of the five states and provinces bordering the Gulf of Maine. The Susan Snow-Cotter Leadership Award honors those coastal management professionals who exemplify outstanding leadership or exceptional mentoring in the Gulf of Maine watershed. As former Director of the Massachusetts Office of Coastal Zone Management, Susan was recognized as a leader who exhibited unwavering passion, enthusiasm, and insight to develop pragmatic approaches to coastal management challenges.			
Nominee	Location	Submitted by	Rank from 1-6
Dr. Anna Redden, Acadia Centre for Estuarine Research p. 38	NS	Dr. Heather Hemming Acadia University	
Cynthia Copeland, Strafford Regional Planning Commission p. 39	NH	Steve Couture, NH DES	
Jed Wright US Fish & Wildlife Service p. 40	ME	Alex Abbott / US Fish & Wildlife	
Susan Adamowicz, Rachel Carson National Wildlife Refuge  pp. 41-44	ME	1. Joerg Henner Lotze, Eagle Hill Institute 2. Nancy Pau, Parker River Nat. Wildlife Refuge 3. Nicole Maher, The Nature Conservancy, NY 4. Wenley Ferguson, Save the Bay	
Cathy Ramsdell Friends of Casco Bay p. 45	ME	Mary Cerullo Friends of Casco Bay	
Pat Hughes Center for Coastal Studies p. 46	MA	Owen Nichols Center for Coastal Studies	

2. Please review the nomination for Sustainable Community Award. No ranking needed as there was only one nomination in this category. Place 'Yes' or 'No' to indicate your support for this nomination.

2018 Nominations for Sustainable Community Award			
<b>Criteria:</b> Each year, the Gulf of Maine Council recognizes communities, or groups within communities, of their exemplary work in achieving sustainability outcomes related to the environment and economy, that are in line with the objectives of the Council's Action Plan.			
Nominee	Location	Submitted by	'Yes' or 'No'
Town of Dover, NH p. 47	NH	Kyle Pimental, Strafford Regional Planning Commission & Steve Couture, NHDES	

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3. Please review the nomination for the Industry Award. No ranking needed as there was only one nomination in this category. Place 'Yes' or 'No' to indicate your support for this nomination.

2018 Nominations for Industry Award			
<b>Criteria:</b> The industry award recognizes demonstrated innovation and leadership in efforts to improve the well-being of the Gulf of Maine ecosystem and the communities that call it home. Nominations are sought from the following sectors: tourism; fisheries (commercial and recreational); aquaculture (finfish and shellfish); renewable energy generation (tidal, wave and wind); and / or transportation (shipping, ferries, etc.).			
Nominee	Location	Submitted by	'Yes' or 'No'
Bar Harbor Whale Watch Company p. 48	ME	Thomas Goettel, Friends of Maine Coastal Islands National Wildlife Refuge	

4. Please review the nomination for the Art Longard Award. No ranking needed as there was only one nomination in this category. Place 'Yes' or 'No' to indicate your support for this nomination.

2018 Nominations for Longard Award			
<b>Criteria:</b> The Council presents this annual award to an outstanding volunteer within the Gulf watershed who has made significant contributions to conserving or managing the Gulf's resources. Past recipients have been involved in stewardship projects, educational programs, volunteer monitoring and scientific research. The award is named in memory of Art Longard, a Nova Scotia resident and devoted conservationist who helped to conceive and launch the Gulf of Maine Council.			
Nominee	Location	Submitted by	'Yes' or 'No'
Eric Schroeder p. 49	NH	Chris Nash, NH DES	

5. Please review candidates, provide feedback, and identify any additional nominees for Distinguished Service Awards.

**Criteria:** The Council presents these annual awards to individuals who have made a significant contribution to conserving or managing the Gulf's resources through their active involvement and / or support for the Gulf of Maine Council on the Marine Environment. Distinguished service awards are presented to outgoing individuals in recognition of exceptional service.

Peter McLaughlin, NB Department of Environment and Local Government (DSA or other award category)

Marina Schaufli, Climate Network

Christine Tilburg, ESIP (received Visionary Award in 2012)

Bill Whitman, NS Fisheries and Aquaculture

Jack Wiggin, Urban Harbors Institute, MA

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6. Visionary Award nominations received are noted below for informational purposes. Visionary Award winners will be selected by each jurisdiction. Comments from Council or Working Group members are welcome.

Nominee	Jurisdiction	Submitted by
East Coast Aquatics p. 50	NS	John Brazner, NS Dept. of Natural Resources
Dr. Anna Redden, Acadia Centre for Estuarine Research p. 51	NS	Dr. Heather Hemming Acadia University
Alex Hancock, 11 <sup>th</sup> Grade Student p. 52	NS	Katie McLean, Clean Annapolis River Project
SOS – Support Ocean Science led by former St. Andrews Mayor Nancy Aiken p. 53	NB	Dr. Peter G. Wells, International Ocean Institute - Dalhousie University
Marie Recchia, Fundy North Fishermen's Association p. 54	NB	Lee Sochasky, NB
Alyson Eberhardt NH Sea Grant / UNH Extension p. 55	NH	Steve Miller, Great Bay National Estuarine Research Reserve
Dr. James Houle, UNH Stormwater Center p. 56	NH	Sally Soule, NHDES
Molly Bolster, Exec. Director The Gundalow Company p. 57	NH	Catharine Newick, Board Chair The Gundalow Company
Lynda Ada Doughty Marine Mammals of Maine p. 58	ME	Theresa Torrent
Dr. Steven Katona College of the Atlantic p. 59	ME	Richard Zach Klyver Bar Harbor Whale Watch Company
Bob Zimmerman, Charles River Watershed Association p. 60	MA	Pam DiBona, Massachusetts Bays National Estuary Program
Carol Carson, New England Coastal Wildlife Alliance (2014 award winner) p. 61	MA	Ingrid Biedron, Boston University Marine Program
Maritime Gloucester p. 62	MA	Jack Schwartz MA Division of Marine Fisheries

**Award Category: Susan Snow Cotter**

**Nominee information**

Name (as it would appear on the award plaque if selected): Dr. Anna Redden

Mailing address: Division of Research & Graduate Studies, Acadia University, Wolfville, Nova Scotia, Canada B4P 2R6

Phone: 902-585-1787

Email: anna.redden@acadiau.ca

**Summary**

Dr. Anna Redden is a tireless advocate for environmental research in the Bay of Fundy and the Gulf of Maine. She is a Professor of Biology and Director of both the Acadia Tidal Energy Institute (ATEI) and the Acadia Centre for Estuarine Research (ACER) at Acadia University. She is also Dean of Research and Graduate Studies. With over 30 years of experience working on a broad range of issues in coastal waters, Anna is a recognized expert on the environmental effects of tidal energy development and has demonstrated exceptional leadership in co-founding ATEI and the Fundy Energy Research Network (FERN), coordinating collaborative research projects into the environmental effects of tidal power, and engaging with school teachers and students to enhance awareness of coastal management issues. She was a Director on the Board of the Fundy Ocean Research Centre for Energy (FORCE) for 7 years and has been Canada's representative on the Ocean Energy Agency's Ocean Energy Systems Initiative: Annex IV for 4 years. She has mentored 1 postdoc, 2 PhD, 12 MSc, 12 Hons, 16 RAs, and 17 coop interns. She has organized science workshops for female Grade 7 and 8 students, and she has worked with teachers and students through GOMI. Anna has published 55 articles, 2 book chapters, 18 refereed journal papers, 5 review articles, 13 conference papers, and 17 technical reports. During the last 10 years, she has been awarded over \$2.7M in research funds and has led numerous research projects. Her work focuses on fish and marine mammal use of high-flow tidal energy sites and turbine-marine life interactions. Dr. Redden's lifelong relationship with the Bay of Fundy helps guide her work as a professor and marine ecologist: "I have a passion for this water body. I grew up in Windsor on the Avon River, I used to play in the mudflats as a kid, and then I studied at Acadia. A lot of my research experience is in the Minas Basin. I feel very rooted here, and I feel a tremendous sense of responsibility."

**Name and contact information of person making the nomination**

Name: Dr. Heather Hemming, Vice-President Academic

Affiliation: Acadia University

Address: 15 University Ave., Wolfville, Nova Scotia Canada B4P 2R6

Phone: 902-585-1357

Email: heather.hemming@acadiau.ca

**Award Category: Susan Snow Cotter**

**Nominee information**

Name (as it would appear on the award plaque if selected): Cynthia Copeland

Mailing address: 150 Wakefield Street, Suite 12, Rochester, NH 03867

Phone: 603-994-3500 Email: [cjc@strafford.org](mailto:cjc@strafford.org)

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

Cynthia Copeland has been the executive director of the Strafford Regional Planning Commission (SRPC) since 1999. She helped form the Strafford Metropolitan Planning Organization in 2007 and guided the process that led to SRPC's designation as an Economic Development District in 2015. Throughout her SRPC career, Cynthia participated on many committees, including the NH Association of Regional Planning Commissions and the boards of directors of both COAST and the Land and Community Heritage Investment Program. She also played an important role in establishing the Workforce Housing Coalition of the Greater Seacoast.

Under Cynthia's leadership, SRPC provided support and technical assistance throughout the region and the Gulf of Maine watershed. Numerous projects benefited from Cynthia's strong belief in natural resource protection as a way to improve quality of life. They include the completion of the Land Conservation Plan for NH's Coastal Watersheds, the designation and state protection of four major river systems, and ongoing climate resiliency and adaptation planning. SRPC continues to participate in the NH Coastal Adaptation Workgroup—which SRPC helped found—and recently completed the first Climate Adaptation Master Plan chapter in New Hampshire, for the City of Dover.

One of the most notable projects SRPC undertook during Cynthia's tenure was the statewide Granite State Future project. The three-year, multimillion dollar planning project enabled all nine regional planning commissions in the state to update their regional master plans. The effort won the 2015 Plan of the Year award from the Northern New England Chapter of the American Planning Association.

Cynthia's expertise and enthusiasm will be sorely missed when she concludes her decades-long public service career at the end of March. It is with the utmost gratitude that we thank her for her dedicated service and commitment in ensuring the Strafford region continues to be a great place to live, work, and play.

**Name and contact information of person making the nomination**

Name: Steve Couture

Affiliation: New Hampshire Department of Environmental Services Coastal Program

Address: 222 International Drive, Suite 175, Portsmouth, NH 03801

Phone: 603-559-0027

Email: [Steven.Couture@des.nh.gov](mailto:Steven.Couture@des.nh.gov)

**Award Category: Susan Snow Cotter**

**Nominee information**

Name (as it would appear on the award plaque if selected): Jed Wright

Mailing address: 3 Killian Way, Falmouth, ME 04105

Phone: 207-781-8314

Email: c/o Stefanie Fairchild

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

This year's Susan Snow-Cotter Leadership award is being presented in memory of Jed Wright, former Project Leader of the U.S. Fish and Wildlife Service Gulf of Maine Coastal Program, in recognition of his leadership in the protection and restoration of Maine's forests and rivers. He served as a geographer and biologist in the Gulf of Maine Coastal Program for over 22 years, assuming his last position as Project Leader in 2014.

Jed was known well across Maine and the nation for his energetic work on behalf of species like Atlantic Salmon, watersheds like the Penobscot, and ecosystems large and small dependent on free-flowing streams. He was always full of ideas to improve his and our work to protect and restore our precious resources. He was constantly studying and learning and imagining new and practical ways to reach his lofty but achievable goals. He was a people person, adept at building and maintaining partnerships with positive energy and enthusiasm. He was a master of geomorphology, GIS modeling and analysis, using the latest approaches to solve technical problems. He was a caring and supportive mentor, colleague and supervisor. Jed worked with too many partners to list here, but they spanned the full range of non-governmental organizations, state and federal agencies, academic institutions and companies managing Maine's forests.

Jed worked on projects across Maine, usually helping to make each project a model for learning about new approaches: innovative fish passage solutions on Sedgeunkedunk Stream in Orrington and Blackman Stream in Bradley, bank stabilization on the Sandy River in Farmington, rapid barrier assessments on Penobscot tributaries, Stream Simulation Design trainings for Maine road professionals, improving coordination by helping create the Maine Stream Connectivity Work Group, and streamlined permits to speed and simplify restoration projects.

All of that intense work was only part of Jed. He was also a devoted and adoring husband and father and son, a dynamic and wide-ranging cook, a citizen devoted to diverse and sustainable communities.

We will miss him for who he was, for what he accomplished, and for how he helped us to follow his lead.

**Name and contact information of person making the nomination**

Name: Alex Abbott

Affiliation: US Fish and Wildlife Service Gulf of Maine Coastal Program

Address: 4R Fundy Road, Falmouth, ME 04105

Phone: 207-781-8364, ext. 21

Email: [alexoabbott@hotmail.com](mailto:alexoabbott@hotmail.com)



**Award Category: Susan Snow Cotter**

**Nominee information**

Name (as it would appear on the award plaque): Susan C. Adamowicz

Mailing address: Rachel Carson NWR, 321 Port Road, Wells, ME 04090

Phone: 207-646-9226 ext. 31

Email: [susan\\_adamowicz@fws.gov](mailto:susan_adamowicz@fws.gov)

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

I had the pleasure of meeting Susan Adamowicz 12 years ago when she co-taught a week long seminar at the Eagle Hill Institute with David Burdick, titled, "Advanced Topics in Salt Marsh Restoration and Monitoring." The specialists who came that week to her seminar were from federal, state, and non-profit organizations. They included university professors and graduate students. All were very knowledgeable about salt marshes, yet all were eager to learn more from someone who has dedicated much of her life to studying and mentoring others about salt marshes. Susan's seminar was so successful that she has been returning about every 2 years to teach again. What I find interesting and impressive is that she changes the subject matter of her seminar (and the title) to reflect what she has learned in the interim. In other words her interest in learning about salt marshes is a passionate one and it is moreover one that is not static but always growing. She was honored to give the plenary presentation in 2017 at the Northeast Natural History Conference, where she spoke on "A Sensitive Dependence: Place, Time, Change and Resilience in New England Salt Marshes." Her presentation provided the much-needed historical context we need to understand as we work our way towards improved salt marsh management in the Gulf of Maine for the future Susan's leadership is exemplary and it is recognized by her peers. I feel that she is very deserving of the Susan Snow-Cotter Leadership Award.

**Name and contact information of person making the nomination**

Name: Joerg-Henner Lotze

Affiliation: Eagle Hill Institute

Address: 59 Eagle Hill Road, Steuben, ME 04680

Phone: 207-546-2821 Ext 4

Email: [joerg@eaglehill.us](mailto:joerg@eaglehill.us)

**Award Category: Susan Snow Cotter**

**Nominee information**

Name (as it would appear on the award plaque if selected): Susan C. Adamowicz

Mailing address: Rachel Carson NWR, 321 Port Road, Wells, ME 04090

Phone: 207-646-9226 x31

Email: susan\_adamowicz@fws.gov

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

As the Salt Marsh Land Management and Research Demonstration biologist for USFWS in the Northeast, Susan Adamowicz provides invaluable technical support to Refuge biologists and non-federal land manager, incorporating latest salt marsh science into management and restoration actions.

Susan has developed extensive collaborative network both within the land managers and in academic circles, bring the two communities together to ensure science-based management practices. Susan has helped to lead the development of several innovative restoration techniques now being widely accepted by land managers in Maine and Massachusetts, including ditch remediation and runnel to restore natural wetting and flooding.

Susan is widely respected for her technical knowledge and her pragmatic approach to addressing complex issues. She is exceptional in pulling together the right expertise and providing the right information to unify and mobilize diverse groups. At one of these workshops, Susan drew on the popular Broadway musical “Hamilton” to mobilize the attendee, reminding land managers that “History has its eyes on us”. In the past two years, she’s been an invaluable resource to the land managers in the Great Marsh as we try to understand drastic changes in our salt marshes, identify potential mitigation actions, and develop a comprehensive strategy for increasing resilience.

Susan is an active member of the New England Estuarine Research and Coastal and Estuarine Research Federation, recruiting and mentoring young professionals, and encouraging Refuge biologists to actively participate estuarine research professional societies.

**Name and contact information of person making the nomination**

Name: Nancy Pau

Affiliation: USFWS, Parker River NWR

Address: 6 Plum Island Turnpike, Newburyport, MA 01950

Phone: 978-465-5753

Email: nancy\_pau@fws.gov

**Award Category: Susan Snow Cotter**

**Nominee information**

Name (as it would appear on the award plaque): Susan C. Adamowicz

Mailing address: Rachel Carson NWR, 321 Port Road, Wells, ME 04090

Phone: 207-646-9226 ext. 31

Email: [susan\\_adamowicz@fws.gov](mailto:susan_adamowicz@fws.gov)

**SUMMARY**

Susan Adamowicz's passion and enthusiasm for her work is palpable and contagious! Countless wetland managers and restoration specialists have benefitted from Sue's tutelage. Like so many others, my salt marsh training started with one of the many week-long courses that Sue co-taught at the Eagle Hill Institute in Steuben, ME. That was just the beginning of many thought-provoking discussions about the latest in saltmarsh ecology, conservation and restoration. Sue is still my go-to person to evaluate restoration designs, monitoring programs etc. I am confident that the projects that I have undertaken are enhanced because of her generosity with her thoughtful input. Countless other practitioners have similarly benefitted from Sue's contributions. Sue is an amazing convener of marsh scientists. Her encyclopedic knowledge of ongoing projects from the GOM south to VA is a priceless resource for all of us. Sue is exceptionally skilled at connecting partners to share ideas and leverage resources to make good projects even better. It is an understatement to say that she is a tremendous resource to our community of practitioners across the region!

Sue was instrumental in helping The Nature Conservancy in NY recognize the threat that chronic nutrient pollution poses to the success of our conservation and restoration work (salt marshes, shellfish, and seagrass). As a result, we have initiated a very extensive water quality campaign to communicate science to encourage policy makers and voters to support critical water quality improvements. In NY State we helped secure a \$2.5 billion dollar five-year investment in water quality improvement, including creating a brand new \$75 million septic system program and an \$110 million source water protection program. The Nature Conservancy in NY was instrumental in securing this funding and Sue's help connecting the dots helped lay the ground work for this unprecedented investment in clean water to benefit both people and nature.

**Name and contact information of person making the nomination (REQUIRED)**

Name: Nicole Maher

Affiliation: The Nature Conservancy - NY

Address: 250 Lawrence Hill Rd Cold Spring Harbor, NY 11724

Phone: 631-367-3384 x132

Email: [nmaher@tnc.org](mailto:nmaher@tnc.org)

**Award Category: Susan Snow Cotter**

**Nominee information**

Name (as it would appear on the award plaque): Susan C. Adamowicz

Mailing address: Rachel Carson NWR, 321 Port Road, Wells, ME 04090

Phone: 207-646-9226 ext. 31

Email: [susan\\_adamowicz@fws.gov](mailto:susan_adamowicz@fws.gov)

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

Susan Adamowicz's impact extends well beyond the network of the USFWS Refuge System. She lends her expertise in salt marsh ecology, monitoring and management to resource managers and restoration practitioners from Maine to Virginia. She has helped facilitate information exchange between restoration practitioners at the federal, state and local level throughout northeast and the mid-Atlantic. Specifically, she convened a meeting in Long Island to share the state of the practice of thin layer placement projects conducted in Jamaica Bay with natural resource managers who were planning similar projects funded through Hurricane Sandy grants. This information exchange was instrumental in providing our team in Rhode Island a coordinated pre and post restoration monitoring plan as well as a strategy for restoration design and implementation.

Sue has provided technical assistance on a number of salt marsh restoration projects that I have conducted at Save The Bay over the last decade. She has been my mentor for my entire career beginning when she worked at the Rhode Island Department of Environmental Management and continuing in her role at USFWS. Her extensive knowledge of salt marsh ecology has been helpful in determining adaptation measures to allow salt marshes to adapt to accelerated sea level rise. Sue has shared the results of the adaptation techniques that we have conducted and monitored at salt marshes in Rhode Island with colleagues in the Gulf of Maine. We have also collaborated with Sue on convening speakers for dedicated sessions on salt marsh adaptation at Restore America's Estuaries' national conferences. Thanks to her extensive network throughout the northeast region, Sue helps link restoration practitioners and natural resource managers, facilitates information exchange and provides us all the opportunity to coordinate our monitoring and restoration activities. Sue's knowledge, scientific understanding and lifelong love of salt marshes has had far reaching impact on improving the health of these fragile and threatened habitats throughout the northeast. It is my honor to recommend her for nomination of the Susan Snow-Cotter Leadership Award.

**Name and contact information of person making the nomination (REQUIRED)**

Name: Wenley Ferguson

Affiliation: Save The Bay

Address: 100 Save The Bay Drive, Providence, RI 02905

Phone: 401-272-3540 ext. 105

Email: [wferguson@savebay.org](mailto:wferguson@savebay.org)

**Award Category: Susan Snow Cotter**

**Nominee information**

Name (as it would appear on the award plaque if selected): Cathy L. Ramsdell

Mailing address: Friends of Casco Bay, 43 Slocum Drive, South Portland, ME 04106

Phone: (207) 799-8574

Email: [clramsdell@cascobay.org](mailto:clramsdell@cascobay.org)

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

From boardrooms to the deck of the research vessel *Joseph E. Payne* to meetings with community leaders, Friends of Casco Bay's Executive Director Cathy L. Ramsdell has served as a dedicated and vocal advocate combating threats to Casco Bay from pollution and climate change. Her expertise in finance and management has guided the success of Friends of Casco Bay since 2003.

Cathy has a rare set of skills and experience as an ecologist and as a certified public accountant. She was the first Mainer to graduate from College of the Atlantic. Cathy counted seabirds in Alaska, sea turtle eggs in Georgia, and marine mammals in the Gulf of Maine. Later on, she became a Certified Public Accountant specializing in advising nonprofits.

Cathy represents Friends of Casco Bay in stakeholder forums working to pass local and state laws to reduce pollution. She served for two years on Portland's Green Packaging Task Force to explore ways the city could reduce litter and waste—much of which finds its way into the Bay. The ordinances have become models for other Maine communities. Cathy worked with Portland officials to help draft and pass a Stormwater Service Utility Fee that spreads the cost of upgrading our stormwater sewer systems more equitably. Most recently, she served on the Portland Pesticides Task Force for 8 months, working collaboratively to craft a ban on pesticides use in the City of Portland on both public and private properties.

Besides leading Friends of Casco Bay, Cathy is integrally involved in helping other executive directors, especially individuals new to leading nonprofits. **Cathy regularly conducts financial management workshops for the Maine Association of Nonprofits; she is one of its most popular workshop leaders.**

Cathy served on the Board of College of the Atlantic from 1984 to 2006; she now is Trustee Emeritus. Whenever there is transition in presidential leadership, a fundraiser in greater Portland, or a fiscal concern, the College calls on this valued alum.

**Name and contact information of person making the nomination**

Name: Mary M. Cerullo

Affiliation: co-worker

Address: Friends of Casco Bay, 43 Slocum Drive, South Portland, ME 04106

Phone: (207) 799-8574

Email: [clramsdell@cascobay.org](mailto:clramsdell@cascobay.org)

**Award Category: Susan Snow Cotter**

**Nominee information**

Name (as it would appear on the award plaque if selected): Patricia E. Hughes

Mailing address: 377 Tubman Road, Brewster, MA 02631

Phone: 508-737-1381

Email: [phughes@coastalstudies.org](mailto:phughes@coastalstudies.org)

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

Pat Hughes is director of Marine Policy at the Center for Coastal Studies (CCS), where she promotes integration of research into coastal and ocean public policy in and around the Gulf of Maine. Pat has a long history of leadership as a coastal management professional, beginning with 17 years as an environmental planner at the Massachusetts Office of Coastal Zone Management (CZM). During Pat's time at CZM, she worked on a host of issues, including the state's policies on offshore oil and gas exploration and outer continental shelf mineral activities, as well as a framework for what would become the Massachusetts Ocean Management Plan. While at CZM, Pat coordinated Massachusetts' participation in the Gulf of Maine Council and several other regional committees and task forces. She authored or contributed to several publications on Gulf of Maine fisheries and policy issues, including a chapter in the seminal 1987 book, "Georges Bank." Pat next worked for the Cape Cod Commission on marine and coastal water quality issues, coordinating regional stakeholder groups and advisory panels that contributed to local and state water resource management. After stints in North Carolina and overseas, Pat accepted a position at CCS, where her quiet, understated approach to leadership is felt throughout the organization. Her management of large, multi-disciplinary projects has helped focus the Center's scientific expertise on a wide range of coastal management issues, from renewable energy development to coastal resiliency strategies and water quality monitoring. Her ability to patiently lead a group of scientists to focus a diverse set of skills (and personalities) on a timely project has helped deliver volumes of data to the Gulf of Maine coastal management community. During her decade at CCS, Pat has helped to foster the career development of interns, graduate students, and early-career scientists, leading both by example and by taking the time to teach and mentor.

**Name and contact information of person making the nomination (REQUIRED)**

Name: Owen C. Nichols

Affiliation: Center for Coastal Studies

Address: 5 Holway Avenue, Provincetown, MA 02657

Phone: 508-237-1094

Email: [nichols@coastalstudies.org](mailto:nichols@coastalstudies.org)

**Award Category: Sustainable Community**

**Nominee information**

Name (as it would appear on the award plaque if selected): City of Dover

Nominee Contact Name (if different than above): Christopher G. Parker, AICP

Mailing address: 288 Central Ave, Dover, NH 03820

Phone: 603.516.6008

Email: [c.parker@dover.nh.gov](mailto:c.parker@dover.nh.gov)

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

Dover, N.H., leads in promoting sustainable growth and development, addressing energy challenges, and exploring ways to mitigate climate change impacts. The city is guided by its Sustainability Plan and committed to land protection, the best route to the greatest water quality benefits. It has protected over 2,600 acres, restricted toxic pesticide and synthetic fertilizer use, and mandated low-impact development techniques. The city uses gravel wetlands, roadside tree filters, and other green approaches to reduce runoff into the Gulf of Maine.

Dover has reduced its energy use and CO2 emissions through conservation, energy efficiency, energy generation, and zoning. It is home to several LEED certified buildings and this year will complete a nitrogen and carbon footprint calculation project. Dover has encouraged LED light conversion in city facilities and streetlights, promoted offshore wind power in the Gulf of Maine, and endorsed the Paris climate accord. Its participation in Energize 350 reduces the costs of home energy audits and solar panel installations.

In 2012, Dover joined with MIT in testing innovative ways to increase public awareness of climate change risks and adaptation opportunities. More than 100 residents engaged in a mock exercise to address rising stormwater flooding risks in a fictional coastal town. The Dover Sustainable Film Series is also a popular outreach vehicle.

Dover's 2017 vulnerability assessment for the Climate Risk in the Seacoast (C-RiSe) project identified key assets and natural resources vulnerable to flooding under the latest sea level rise or coastal storm surge scenarios. This year, Dover integrated climate change into its updated FEMA-approved hazard mitigation plan and added a climate adaptation chapter to its master plan. The chapter addresses water availability and quality, health & safety, food, energy, infrastructure, and natural resources. The first of its kind in the state, it sets a new bar for climate resiliency planning.

**Name and contact information of person making the nomination**

Name: Kyle Pimental/Steve Couture

Affiliation: Strafford Regional Planning Commission/NHDES

Address: 150 Wakefield Street, Suite 12, Rochester, NH 03867/29 Hazen Drive Concord, NH 03301

Phone: 603.994.3500/603-271-8801

Email: [kpimental@strafford.org](mailto:kpimental@strafford.org)/[steven.couture@des.nh.gov](mailto:steven.couture@des.nh.gov)

**Award Category: Industry**

**Nominee information**

Name (as it would appear on the award plaque if selected): Bar Harbor Whale Watch Company

Contact Name (if different than above): Zack Klyver

Mailing address: 1 West Street, Bar Harbor, Maine 04609

Phone: (207) 288-2386

Email: zackklyver@yahoo.com

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

Since 1989, the Bar Harbor Whale Watch Company (BHWW) has been a leader in ecotourism and educating the public about the wildlife, fisheries, oceanography, and conservation of the Gulf of Maine. As Maine's largest boating tour company, they have introduced millions of people and children to the beauty and wonder of Gulf of Maine. Their continued financial generosity supports several non-profit conservation organizations in Maine. We are very fortunate to have such a dedicated, conservation-oriented resource here that also employs many people in the Hancock County, Maine area.

In addition to being an ecotourism leader, BHWW collaborates with many research and conservation organizations. During its 30 years, BHWW has partnered with Allied Whale and College of the Atlantic conducting research of marine mammals through a formal marine science research internship for college and recently graduated students. BHWW financially supports and conducts benefit tours for its Gulf of Maine conservation partners including Allied Whale, Friends of Maine Coastal Islands National Wildlife Refuge, Friends of Acadia, the Schoodic Institute, the MDI Historical Society, the Abbe Museum, and NERACOOS. BHWW is a lead donor for a film titled Saving Giants: Survival of the North Atlantic Right Whale, that aims to explore where fishermen and scientists can work together to conserve fishing and whales.

Other conservation efforts include 15 years of lobbying on regional and national forage fisheries such as herring, mackerel, and menhaden. Recognizing the importance of these keystone species to the health of the Gulf of Maine ecosystem, the BHWW become an early member of CHOIR and in 2007 their advocacy helped create a seasonal closure for mid and pair trawling herring fishing vessels out to 50 miles along the coast of New England. In 2012, the BHWW became the first Maine company certified through the Whale SENSE program, adopting the NOAA whale watching guidelines and educating the public about responsible marine wildlife viewing practices. BHWW is an active member of the Large Whale East Coast Entanglement Network and have reported and stood by dozens of whale entanglements – many of which have led to their success disentanglement.

All of their on-board naturalists train under Zack Klyver, a true treasure for Gulf of Maine conservation, who strives to not only provide accurate, up-to-date information to the people on board, but to do it in an attention-holding, personable way.

**Name and contact information of person making the nomination**

Name: Thomas Goettel

Affiliation: Friends of Maine Coastal Islands National Wildlife Refuge (past treasurer)

And Board Member, National Wildlife Refuge Association

Address (home): 22 Bartlett Ln , South Thomaston, ME 04858

Phone: (207) 594-5846, Email: tomgoettel@gmail.com



**Award Category: Longard**

**Nominee information**

Name (as it would appear on the award plaque if selected): Eric Schroeder

Mailing address: 1047 Banfield Road, Portsmouth, NH 03801

Phone: 603-930-1271

Email: ewschroeder@comcast.net

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

Eric Schroeder is being nominated for the 2018 Longard award to recognize his outstanding work as a volunteer phytoplankton monitor for the NH Department of Environmental Services. Eric began this work in 2013, and joined the NH Department of Environmental Services as an official program volunteer in 2017. The timing of that switch could not have been better for NHDES. Changing hydrographic conditions and the introduction of new algal species in the Gulf of Maine have required significant changes to existing monitoring programs, and Eric plays a critical role in NHDES efforts to respond to these emerging public health threats.

Eric's work involves weekly sampling at four locations in coastal New Hampshire. From February to November, he collects and processes samples, examines the samples under a microscope to identify and count various types of harmful algal species, records his findings, and then communicates his data to regulators, researchers, and other interested parties who need access to real-time information. Eric also conducts other specialized sample processing tasks as needed, including screening for the presence of biotoxins.

Eric's efforts require great care, expertise, and precision. Using a gridded microscope slide, Eric examines the phytoplankton in 200 individual grids under the microscope, and counts the number of cells of one harmful algal bloom type in each of the 200 cells. That process is repeated for the seven other algal species of concern. And that is just for one of the four samples he examines each week! In a given year, Eric's efforts involve over 2600 miles of driving, and over 300 hours of effort.

Eric's work directly affects NHDES mission to protect public health. He positively impacts the region's sustainable commercial aquaculture industry, as well as recreational harvesting. We are deeply grateful to Eric for his selfless and significant contributions.

**Name and contact information of person making the nomination**

Name: Chris Nash, Shellfish Program Manager

Affiliation: NH Department of Environmental Services

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Phone: 603-568-6741

Email: chris.nash@des.nh.gov

**Award Category: Visionary**

**Nominee information**

Name (as it would appear on the award plaque if selected): East Coast Aquatics

Contact Name (if different than above): Mike Parker and Andy Sharpe

Mailing address: P.O. Box 129, 402 Granville St., Bridgetown, NS Canada B0S 1C0

Phone: (902) 665-4682

Email: [mike@eastcoastaquatics.ca](mailto:mike@eastcoastaquatics.ca); [andy@eastcoastaquatics.ca](mailto:andy@eastcoastaquatics.ca)

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

Mike Parker and Andy Sharpe of East Coast Aquatics (ECA) have been an integral part of the restoration of a 60 hectare peatland, Big Meadow Bog, on Brier Island, Nova Scotia since 2015. This peatland is one of the last remaining places on earth where *Geum peckii*, also known as Eastern Mountain Avens, continues to sustain itself despite the poor condition of the bog complex. Mike and Andy were crucial in designing and carrying out the engineering portion of an innovative restoration plan to return historic water level dynamics to the bog complex for the Eastern Mountain Avens Recovery Team.

This was a long and complicated process, but some of the highlights include Mike and Andy installing 100s of ditch-blocks to raise groundwater levels, re-profiling 3700 m of steep ditch edges to return some of the historic micro-topography across the site, and reestablishing more than 6400m<sup>2</sup> of pond habitat in places the community used for hunting and gathering in the past.

Despite all the complexities and difficult working conditions associated with the project, Mike and Andy never wavered in their commitment to achieving the goals of the plan and always maintained a “can-do” attitude even when it was not at all easy to do so. The Recovery Team believes that the restoration actions completed by ECA across the bog complex will lead to the raising of the water table and reestablishing water level dynamics that are similar to what were present at the site pre-1958 when it was ditched for agriculture and the decline of the health of the bog complex began. We are confident and very grateful that the work ECA has done will allow the shared vision of the project partners to be achieved, which is that “.... ***the Big Meadow Bog wetland ecosystem is restored, leading to the recovery of sustainable populations of *Geum peckii* and associated historic and rare plant communities....***”.

**Name and contact information of person making the nomination**

Name: John Brazner

Affiliation: Nova Scotia Department of Natural Resources

Address: 136 Exhibition Street

Phone: 902/679-6247

Email: [john.brazner@novascotia.ca](mailto:john.brazner@novascotia.ca)

**Award Category: Visionary**

**Nominee information (REQUIRED)**

Name (as it would appear on the award plaque if selected): Dr. Anna Redden

Contact Name (if different than above):

Mailing address: Division of Research & Graduate Studies, Acadia University, Wolfville, Nova Scotia, Canada B4P 2R6

Phone: 902-585-1787

Email: anna.redden@acadiau.ca

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected. (REQUIRED)**

*Please be sure that summary does not exceed 2,000 characters, including spaces and punctuation.*

Dr. Anna Redden is recognized nationally and internationally for her environmental research on the Bay of Fundy. Her focus is fish and marine mammal use of high-flow tidal energy sites and turbine–marine life interactions, and it is based on a vision of comprehensive, collaborative approaches to assessment of environmental changes in the Bay, particularly those associated with tidal power extraction.

Anna is a Professor of Biology and Director of the Acadia Centre for Estuarine Research (ACER) at Acadia. She is a co-founder and Director of the Acadia Tidal Energy Institute (ATEI), and co-founder of the Fundy Energy Research Network. She is a past-Director on the Board of the Fundy Ocean Research Centre for Energy (FORCE) and has been Canada's representative on the Ocean Energy Agency's Ocean Energy Systems Initiative: Annex IV (Environmental Effects of Marine Renewable Energy) for 4 years. A two-time Acadia graduate, Anna was appointed Acadia's Dean of Research and Graduate Studies in 2017.

Anna has received over \$2.7M in research funding over the past 10 years and has led numerous collaborative projects. Her research has generated high-value data on fish use of the FORCE test area, discovered a winter resident population of striped bass, assisted improvement in acoustic telemetry equipment, monitored harbour porpoise activity patterns, and assessed the risk to turbines posed by sediment-laden ice. She is also working with sensor manufacturers to develop software to enhance the detection, identification, and tracking of marine life at tidal energy sites. She has mentored 1 postdoc, 2 PhD, 12 MSc, 12 Hons, and 33 RAs and interns. Her publications include 55 articles, 2 book chapters, 18 refereed journal papers, 13 conference papers, and 17 technical reports, 15 of which featured results from research at the FORCE test site.

She is a tireless advocate for high quality, collaborative environmental research on the Bay of Fundy and the Gulf of Maine.

**Name and contact information of person making the nomination (REQUIRED)**

Name: Dr. Heather Hemming, Vice-President Academic

Affiliation: Acadia University

Address: 15 University Ave., Wolfville, Nova Scotia Canada B4P 2R6

Phone: 902-585-1357

Email: heather.hemming@acadiau.ca

**Award Category: Visionary**

**Nominee information**

Name (as it would appear on the award plaque if selected): Alex Hancock

Contact Name (if different than above):

Mailing address: 861 Highway 201, Moschelle, NS, B0S1k0

Phone: 902-532-1700

Email: [hancocksharp@doctors.org.uk](mailto:hancocksharp@doctors.org.uk)

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

Alex Hancock is a grade 11 student from the Annapolis Royal area, Nova Scotia. Alex became involved with Clean Annapolis River Project (CARP) when she joined the Youth Leading Environmental Change (YLEC) program in 2016. Over the past 2+ years Alex has supported a vast array of local conservation, research and monitoring projects, such as instream fish habitat restoration to benefit anadromous fish, and aquatic habitat suitability index assessments.

Over the past year Alex demonstrated her motivation and leadership, leveraging her new knowledge, experience, and creativity to create new opportunities to engage community members in environmental initiatives. Alex's passion for the marine environment has become evident through her actions; in summer 2017 she was part of a youth team who used the Annapolis Royal Natal Day Parade as an opportunity to raise awareness about the negative impacts of plastics on our estuary and marine environments. Decorated using materials collected during beach clean ups, their float garnered major attention. Continuing this theme, Alex was engaged as a volunteer for a local event: *Storm Warnings: A Cautionary Tale of Climate Change*, a collaboration between the Centre for Local Prosperity, King's Theatre and Satso Art Gallery.

In Fall of 2017 Alex was part of a small team who worked together to create a presentation to Annapolis County Municipal Council based on their observations through the YLEC program. Their message included a call to action to address marine plastics and illegal dumping, and the degradation, fragmentation and loss of wildlife habitat.

In her capacity as a member of her school Social Issues Club, in summer of 2017 Alex approached CARP proposing a partnership to organize a series of community beach clean-ups. Alex took the lead on this initiative, which engaged local students and residents. After a successful pilot season, Alex is working to coordinate an even more extensive series of clean-up events for Spring 2018.

**Name and contact information of person making the nomination**

Name: Katie McLean

Affiliation: Communications and Outreach Coordinator, Clean Annapolis River Project/ Youth leading Environmental Change Program Leader

Address: PO Box 395, 314 St. George St., Annapolis Royal, NS, B0S1A0

Phone: (902)-532-7533 ext. 6

Email: [katiemclean@annapolisriver.ca](mailto:katiemclean@annapolisriver.ca)

**Award Category: Visionary**

**Nominee information**

Name Support Ocean Science/Save Ocean Science (SOS)

Contact Name Mrs. Nancy Aiken, Chair, SOS

Mailing address: General Delivery, St. Andrews, NB.

Phone: 506-529-8703

Email: [nganb@nbnet.nb.ca](mailto:nganb@nbnet.nb.ca)

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

The citizen's group of St. Andrews, NB, called SOS – Save Ocean Science, now Support Ocean Science – and led by Nancy Aiken, former Mayor of St. Andrews, was formed in the period of 2012-13 in response to the massive federal government-led cutbacks being suffered by the Public Service in Canada, especially in departments responsible for fisheries management and the environment. The St. Andrews Biological Station, part of the Department of Fisheries and Oceans Canada, was especially vulnerable to these reductions in support, with its irreplaceable and historic Marine Sciences Library being closed and staff being laid off or retired early. The SOS group rallied support of the community to protest the cutbacks and to offer alternatives to the proposed reductions. An active website was set up and rallies were held to discuss the issue and to engage local politicians at all levels. The group successfully communicated the need for a continued presence of marine science in the region, and contributed to the profile of marine science in general in the NB and beyond. After the federal election of 2015, support was regained for the Biological Station and the library archival materials were saved from being moved from the region. The SOS group is now largely disbanded but its website lives on as one source of reliable marine information for the community. The SOS group showed leadership, commitment, and a vision and tenacity in support of marine science, an example for every community in the Gulf of Maine and Bay of Fundy region. It is highly deserving of the GOMC Visionary Award for 2018.

**Name and contact information of person making the nomination**

Name: Dr. Peter G. Wells

Affiliation: International Ocean Institute-Canada and Dalhousie University, Halifax, NS.

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Phone: 902-477-3674/cell 902-237-0600

Email: [oceans2@ns.sympatico.ca](mailto:oceans2@ns.sympatico.ca)

**Award Category: Visionary**

**Nominee information**

Name (as it would appear on the award plaque if selected): **Maria Recchia**

Contact Name (if different than above):

Mailing address: 3 Prince of Wales St., St. Andrews, New Brunswick E5B 3W9

Phone: (506) 529-4165

Email: [mariarecchia@nb.aibn.com](mailto:mariarecchia@nb.aibn.com)

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

Maria Recchia has devoted much of her personal and professional life to ensuring the health of the Gulf of Maine and its communities, across international borders.

Maria has worked with fishermen in the Bay of Fundy since 1996 and is best known for her role as Executive Director of the Fundy North Fishermen's Association (2003-present).

Under her direction and innovation, this small association has led regional initiatives that include the recovery of lost fishing gear linked to whale entanglement, marine safety and business training for small-scale commercial fishing operations, a Fish for the Hungry program that raises funds for local food banks and a 'buy local' fish product initiative. The association has also partnered with government and research interests on projects that range from lobster research, to oil spill preparedness, to socio-economic analysis of the area inshore fishery, and has partnered with other fishing groups to press for better management of regionally-important fish stocks and integrated marine planning where alternate uses such as ship traffic are reducing access to traditional fishing grounds.

In other roles, as Executive Director of the Coastal Livelihoods Trust and Bay of Fundy Program Coordinator for the St. Francis Xavier University Extension Program, Maria developed and led innovative programs to identify Bay of Fundy coastal community needs and build the capacities to address them. She has also served on the board of the Cobscook Bay Resource Center in Eastport, Maine, which acts on community-based approaches for sustainable fisheries and local coastal economies on the adjacent Maine side of the Bay of Fundy/Gulf of Maine.

With a Bachelor of Science degree in Marine Biology and Masters Degree in Environmental Studies, Maria has a longstanding involvement in marine research and has authored or co-authored eleven papers on scientific, social and management issues related to the Bay of Fundy fisheries.

Maria has also pursued a strong social commitment to coastal communities, which extends across the international border. She has led environmental education projects with the children of fishermen in Gloucester, Massachusetts, and with Passamaquoddy and other local school students in Eastport, Maine, and regularly speaks to groups throughout the Bay of Fundy region on coastal fisheries, environmental and community sustainability issues.

**Name and contact information of person making the nomination**

Name: Lee Sochasky

Affiliation: New Brunswick Councilor, Gulf of Maine Council on the Marine Environment

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**Award Category: Visionary**

**Nominee information**

Name (as it would appear on the award plaque if selected): Alyson Eberhardt  
Coastal Ecosystems Specialist  
NH Sea Grant | UNH Extension  
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Lee, NH 03861-3512  
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[Alyson.Eberhardt@unh.edu](mailto:Alyson.Eberhardt@unh.edu)

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

I believe Alyson deserves this award because of her work with sand dune restoration along the southern coast of NH. Alyson has developed an effective community-based method for restoring and managing coastal systems. She has made progress in an area of restoration science that for years seemed impossible. She accomplished this by her hard work, evaluating each effort and giving thoughtful consideration to each next step. She has also made great progress because of her personal approach to the surrounding communities and listening to their needs and concerns. She has also works hard to develop best practices for engaging citizen scientists in ecological research. For these reasons I nominate her for a GOM Visionary Award.

**Name and contact information of person making the nomination**

Name: Steve Miller  
Affiliation: GBNERR  
Address: 69 Depot Road Greenland, NH 03840  
Phone: 603 433-1160  
Email: [steve,miller@wildlife.nh.gov](mailto:steve,miller@wildlife.nh.gov)

**Award Category: Visionary**

**Nominee information**

Name (as it would appear on the award plaque if selected): Dr. James Houle

Mailing address: UNH Stormwater Center, Environmental Research Group

University of New Hampshire, Durham, NH 03824

Phone: 603-767-7091

Email: [james.houle@unh.edu](mailto:james.houle@unh.edu)

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

As Program Manager for the University of New Hampshire Stormwater Center (UNHSC), Dr. James Houle is a stormwater pioneer and visionary who works on the cutting edge of stormwater management and watershed restoration. Jamie's thoughtful, technically progressive work has led to the implementation of green infrastructure (GI) technologies and policies to reduce stormwater pollution in a variety of physical and programmatic settings at the national and local level.

A highlight of Jamie's many accomplishments is the hands-on technical assistance he provides to municipalities to address stormwater impacts and restore watershed functions. Jamie's practical, pragmatic, on the ground approach is unique for a researcher. His ability to listen and provide thoughtful responses to local DPW needs and concerns has earned him the deep respect of municipal stormwater managers who seek innovative, real-world solutions to address polluted runoff. For example, during the Berry Brook Restoration Project (Dover, NH), Jamie coordinated closely with DPW staff to design and implement over twenty-two site-specific GI stormwater solutions to meet city budgetary and staff capacity demands while also meeting pollutant load reduction and restoration goals.

Jamie is very generous with his time and is always willing to collaborate on stormwater projects. The list of efforts he provides technical assistance and leadership for is seemingly endless – the UNHSC stormwater testing center, Great Bay Pollution Tracking and Accounting Pilot Project, Seacoast Stormwater Coalition, Berry Brook Restoration Project, US EPA Region 1's stormwater work, model stormwater ordinances, MS4 compliance technical assistance, multiple 319 grant projects, water quality monitoring, and so much more. Jamie is always first to recognize others, and it's time for him to be honored for all he has done to promote new GI approaches and greater understanding of innovative, cost-effective stormwater management.

**Name and contact information of person making the nomination**

Name: Sally Soule

Affiliation: NH Department of Environmental Services

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**Award Category: Visionary**

**Nominee information**

Name (as it would appear on the award plaque if selected): **Molly Bolster**

Contact Name (if different than above):

Mailing address: **c/o The Gundalow Company, 60 Marcy Street, Portsmouth, New Hampshire**

Phone: **603-433-9505**

Email: **director@gundalow.org**

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

In 2002, Molly Bolster was a key member of the board that formed the Gundalow Company in order to take on the care and maintenance of the replica gundalow Captain Edward H. Adams. As the executive director Molly expanded programs on the *ADAMS* while also making plans to build a new sailing vessel that could be more than a dockside attraction. Over the next decade, she initiated the vision and oversaw the capital campaign to raise \$1.2M to build a new gundalow, *PISCATAQUA* in 2011. This involved setting up a temporary shipyard on the grounds of Strawberry Banke, hiring a professional boatbuilder, crew, coordinating many volunteers and supporters, and using the entire process as a celebration of maritime heritage and environment.

Today the Gundalow Company's mission, **to protect the Piscataqua Region's maritime heritage and environment through education and action**, is more urgent than ever. Held throughout the tidal towns of the Piscataqua Region, Gundalow programs weave together science, social studies, and maritime skills. They connect our maritime history with contemporary coastal issues such as stakeholder awareness, water quality, habitat restoration, conservation, and stewardship. In six seasons operating the *Piscataqua* the Gundalow Company has served over 12,000 elementary school students and over 25,000 public passengers. In the summer of 2016, The Gundalow Company under Molly's direction established a summer camp program called "River Rats" that provides even more youth the opportunity to experience their local marine environment.

Molly is leaving the Gundalow after more than 15 years of dedicated work toward increasing public awareness of the maritime heritage and environment especially in the Piscataqua River watershed.

Molly has made an enormous contribution to creating and making the Gundalow Company a fiscally strong, viable non-profit organization that plays a vital role in the environmental education of our community.

**Name and contact information of person making the nomination**

Name: **Catharine S. Newick**

Affiliation: **Board Chair, The Gundalow Company**

Address: **PO Box 2646, Concord, New Hampshire**

Phone: **603-225-7522** Email: **csnewick@gmail.com**

**Award Category: Visionary**

Lynda Ada Doughty  
Marine Mammals of Maine

*Detail Pending*

**Award Category: Visionary**

**Nominee information**

Name: Dr. Steven K. Katona

Mailing address: 17 Spruce Wind Drive, Bar Harbor, ME, 04609

Phone: 207-288-4070

Email: steven.katona1@gmail.com

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

Dr. Steven K. Katona is a leader in the research, education and conservation of Gulf of Maine marine mammals and global marine ecosystems for 50 years. Dr. Katona received his B.A. and Ph.D. in Biology from Harvard in 1971 and a Fulbright Scholarship to study marine biology at Southampton University during 1967–1968. His Ph.D. dissertation showed for the first time that sex pheromones play important roles in the reproductive behavior of planktonic marine copepods.

Steve was a founding faculty member at College of the Atlantic (COA) in Bar Harbor, Maine, where he taught courses in biology, marine biology, invertebrate zoology, evolution and human ecology from 1972-1993. His laboratory, Allied Whale, pioneered collaborative studies on individual photo-identification of humpback and finback whales to study their distribution, abundance and population stock sub-structure. Through his leadership he pioneered a spirit of partnership among whale research groups that stands as a global model of collaboration in science today. During his tenure in education he inspired hundreds of students into ocean studies many of which have gone on to lead major efforts in the conservation of oceans and marine wildlife. During the years of 1993-2006, as president of College of the Atlantic, he strengthened the college's international and sustainability programs.

Since 2008, he has worked for Conservation International's Global Marine Division to bring together more than 65 scientists and ocean experts to develop the Ocean Health Index. This ambitious project created a set of indicators that assesses the status and trends of major pressures affecting the world's oceans, responses of marine species and habitats, and the impact on human well-being. The Ocean Health Index, with its stunningly clear presentation of complex data, offers a compelling measure of ocean quality and an important report card for the oceans and Gulf of Maine.

**Name and contact information of person making the nomination**

Name: Richard Zack Klyver

Affiliation: Naturalist, Bar Harbor Whale Watch Company

Address: 1 West Street, Bar Harbor, ME 04609

Phone: 207-460-9575

Email: zackklyver@yahoo.com

**Award Category: Visionary**

**Nominee information**

Name (as it would appear on the award plaque if selected): Bob Zimmerman

Contact Name (if different than above):

Mailing address: Charles River Watershed Association, 190 Park Road, Weston MA 02493

Phone: 781.788.0007

Email: [rzimmerman@crwa.org](mailto:rzimmerman@crwa.org)

**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

For almost three decades, Bob Zimmerman has invested his considerable energy, strategic thinking, and persistence to improving the Charles River, setting the bar for river advocacy not only within Massachusetts and the Gulf of Maine, but across the country.

Upon his arrival in Massachusetts in 1990 to lead the Charles River Watershed Association in 1990, Bob began to help the organization “expand its focus to include scientific research and analysis, ecosystem and land-planning studies, land and water regulation reform, and restorative technologies, while winning major battles to restore and protect the Charles and its parklands” ([crwa.org](http://crwa.org)). Under his leadership, CRWA counts among its accomplishments significantly restored shad populations, increased sustainable water resource management among the 35 cities and towns in the watershed, and monitoring and advocacy that has led to improved water quality – rising from a D in 1995 (as graded by EPA Region 1) to an A- in 2013.

“A long-time member of the Massachusetts Water Resources Commission and MassDEP Fees and Programs Advisory Committee, Bob serves on the Board of River Network, and is a past Board chair of EarthShare New England and former Board member of EarthShare of America. Bob served two terms as an elected member of the Town of Littleton Board of Health. He lectures widely and teaches on water sustainability and transforming traditional water infrastructure to restorative and sustainable systems” ([crwa.org](http://crwa.org)).

**Name and contact information of person making the nomination (REQUIRED)**

Name: Pam DiBona

Affiliation: MassBays National Estuary Program

Address: 251 Causeway St., Suite 800, Boston MA 02114

Phone: 617-626-1204

Email: [pamela.dibona@state.ma.us](mailto:pamela.dibona@state.ma.us)

**Award Category: Visionary**

Name: New England Coastal Wildlife Alliance

Contact Name (if different than above): Carol Carson

Mailing address: 11 Clarence Soule Drive, Middleboro, MA 02346

Phone: 508-369-8303

Email: [contact@necwa.org](mailto:contact@necwa.org)

**Summary:**

The New England Coastal Wildlife Alliance is a non-profit based in southeastern Massachusetts. I nominate this organization for a Visionary Award for this group is dedicated to the protection and conservation of marine wildlife in the waters off the Gulf of Maine. All members of NECWA are volunteers, including staff and board members who work together to achieve specific goals related to research, education and conservation.

Research, educational endeavors, informative opportunities, and technological methodology are the workings of NECWA carried out through the year, with help from interns through their Marine Wildlife Internship Program. Internships are offered year-round and provide high school and college students with opportunities and experiences in the field of marine science. Interns participate in research activities that include data collection, data input and analysis. Interns are also involved in educational outreach to children and their families within the New England community. NECWA staff and interns model inquiry-based learning to schoolchildren using marine wildlife artifacts, hands-on activities and PowerPoint Presentations. One of NECWA's most popular programs utilizes a life-sized inflatable model of Salt, a living humpback whale who returns to feed in the waters off Cape Cod each summer. Program participants can view this 44-foot model of Salt from the inside and out!

NECWA sponsors numerous research projects, including their New England Basking Shark and Ocean Sunfish Project; their South Coast Terrapin Project; and their Marine Wildlife Research Project. Each of these projects enhances our understanding of specific marine wildlife in the Gulf of Maine. These projects also engage the public through their participation, helping to enhance the public's awareness of wildlife found in their own back yard. Staff and interns attend community festivals and provide scientific presentations at workshops and conferences within the New England area.

Name: Dr. Ingrid Biedron

Affiliation: Boston University Marine Program, Georgetown University, and the International Fund for Animal Welfare (IFAW)

Address: 2824 Devonshire Place, NW, Apt. #110, Washington, DC 20008

Phone: 607-279-1981

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**Award Category: Visionary**

**Nominee information**

Name (as it would appear on the award plaque if selected): Maritime Gloucester

Contact Name (if different than above):

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Phone: 978-281-0470

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**Summary highlighting why the individual or organization is being nominated. This summary will be read during the awards ceremony and text will be used in media releases if the nominee is selected.**

In 1999, Geoffrey Richon of Gloucester organized nearly 300 Cape Ann community members to create a nonprofit organization and invest in the purchase of a neglected industrial property overlooking Gloucester Harbor. Several of the buildings needed repair along with a marine railway that is the oldest continuously operating marine railway in the United States. The result was the formation of Maritime Gloucester: a non-profit educational institution. The mission of Maritime Gloucester is to inspire students and visitors alike to value marine science, maritime heritage, and environmental stewardship, and through hands-on education and experiential learning that emphasize four core values – inspiring discovery, exploring science, embracing history, and living stewardship.

Over the years, Maritime Gloucester continued developing facilities to serve school-age children and visitors alike. Several adjoining buildings were connected and completely remodeled to accommodate an aquarium for local species, classroom space, museum, and a boathouse. Students and visitors can engage and learn with staff in classroom-based experiences, coastal estuarine field studies, learn about navigation aboard a wooden schooner, and study techniques used for wooden boat building.

What began in 1999 from one person's visionary idea and a group of dedicated Cape Ann community members to create Maritime Gloucester has revitalized an important harbor side facility that preserves Gloucester's maritime heritage. Maritime Gloucester has established a vibrant community center for learning and exploration in the marine and environmental sciences that provides services to 70 schools and school groups, and annually attracts more than 4,500 students in class rooms, workshops, and drop-in programs. Maritime Gloucester remains dedicated to their mission to inspire students and visitors to value marine environmental science, our maritime heritage, and living stewardship through hands-on education and experiential learning.

**Name and contact information of person making the nomination**

Name: Jack P. Schwartz, Ph.D.

Affiliation: MA Division of Marine Fisheries

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