

**North Atlantic Right Whale Consortium  
2018 Annual Meeting**

**7-8 November 2018  
New Bedford Whaling Museum  
New Bedford, MA USA**

**November 7th**

**0800-0830: Check in and breakfast**

**Opening/Updates**

**0830 Opening of Meeting** - *Mark Baumgartner*

0840 North Atlantic Right Whale Catalog update and whale naming results – *Philip Hamilton*

0900 2018 Mortalities – *Bill McLellan*

0915 Entanglements and Serious Injury - *Allison Henry, Scott Landry, Heather Pettis*

0930 Entangled right whale events in 2018 in Atlantic Canada, additional response protocols and plans for increased response capacity – *Moira Brown*

0945 Other efforts: Ropeless Consortium – *Michael Moore*  
IAC – *Scott Kraus*

1000 Session Discussion

**1015 Poster Session Introductions**

**1030 BREAK**

**Updates**

1100 Canada management updates – *Cathy Merriman*

1120 U.S. management updates – *Colleen Coogan, Diane Borggaard*

**Population**

1140 Pedigree-informed estimates of abundance and trends for the North Atlantic right whale – *Timothy Frasier*

1155 Gauging management effectiveness in the face of sample noise and a changing environment – *Richard Pace*

1210 The recovery of North Atlantic right whales, *Eubalaena glacialis*, has been constrained by human-caused mortality – *Peter Corkeron*

1225 Session Discussion

**1240 LUNCH**

**Human Caused Mortality**

1345 Gross and histopathological findings from North Atlantic right whale (*Eubalaena glacialis*) mortalities between 2003 and 2017 – *Sarah Sharp*

1400 Right whale encounter rates with crab-pot fishing gear in the Gulf of St. Lawrence – *Angelia Vanderlaan*

1415 An assessment of vertical line use in Gulf of Maine region fixed gear fisheries and resulting conservation benefits for the endangered North Atlantic right whale – *Erin Summers*

1430 Estimating North Atlantic right whale-vessel collision rate using an encounter rate theory framework – *Nathan Crum*

\*Underlined talks represent student presentations being judged for the NARWC Endangered Species Print Project Student Presenter Awards

1445 Relative vessel strike risk to North Atlantic right whales in the Gulf of St. Lawrence – *Meg Carr*  
1500 Session Discussion

**1515 BREAK**

**Mitigation Approaches**

1545 Mitigating the risk of ship strikes through a collaborative approach – *Veronique Nolet and Sonia Simard*  
1600 Co-existing in the Gulf of St. Lawrence: an integrated approach with crabbers, for whales – *Lyne Morissette*  
1615 Development and evaluation of whale release ropes – *Amy Knowlton*  
1630 Looking to conservation marketing to strengthen public actions for right whales – *Monica Pepe*

**Acoustics**

1645 Catching up with the times: creating accessible, updated North Atlantic right whale acoustic presence tools – *Genevieve Davis*  
1700 Session Discussion

**1730-1930 POSTER SESSION AND RECEPTION – JACOB'S GALLERY**

**Posters**

1. Calvineers reaching out more than ever – *Bill McWeeny and the Calvineers*
2. Can their Pacific cousins be saved? The plight of the North Pacific right whale, and a comparison of two very different populations – *Jessica Crance*
3. Competition and collaboration – *Christin Khan*
4. Development and testing of the lobster raft to reduce entanglement in North Atlantic right whales – *Richard Riels*
5. Dive behavior of North Atlantic right whale on the southeastern U.S. calving grounds – *Julia Dombroski*
6. Integrated ocean-acoustic approach for North Atlantic Right Whale passive acoustic detection range modelling on Scotian Shelves – *Jinshan Xu*
7. Monitoring the long-distance movement of a North Atlantic right whale in the Gulf of Mexico – *Katie Jackson*
8. New technology instantly displays NOAA North Atlantic right whale Dynamic Management Areas for mitigation PSOs – *Paul Donlan*
9. New technology instantly shares sightings and protects North Atlantic right whales in real-time – *David Steckler*
10. North Atlantic right whales in the New York Bight: First-year findings from monthly aerial surveys – *Ann Zoidis*
11. Public misconceptions and stereotypes. Is it hindering conservation efforts for the North Atlantic right whale and other marine mammal species? – *Anne DiMonti*
12. Climate-driven circulation changes threaten conservation of endangered North Atlantic right whales – *Dan Pendleton*

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November 8<sup>th</sup>

**0800-0830: Check in and breakfast**

**0830 Business Meeting**

Annual Report Card  
Board Elections  
Other

\*\*The business meeting is open to ALL attendees. Please join us!\*\*

**0915 BREAK**

**Acoustics**

- 0930 Mapping migratory corridors of North Atlantic right whale in Canadian waters using passive acoustic monitoring – Delphine Durette-Morin
- 0945 Probability of passive acoustic detection of right whales from autonomous platforms equipped with a real-time monitoring system – Hansen Johnson
- 1000 Low amplitude acoustic communication of North Atlantic right whale (*Eubalaena glacialis*) mother-calf pairs on the calving grounds – Susan Parks
- 1015 Right whale research in Canada under the DFO Oceans Protection Plan, Marine Environmental Quality Programme – Andrew Wright

**Conservation and Management**

- 1030 A brief history of NRW conservation and a proposed paradigm shift – Richard Strahan
- 1045 Impacts of Trump's America-First Offshore Energy Strategy on the North Atlantic right whale – Sierra Weaver
- 1100 Block Island Seasonal Management Area: Proposal for expansion to include port approaches – Jon Lang
- 1115 Session Discussion

**1130 LUNCH**

**Ecology**

- 1245 Examining annual variation in the energy content and relative abundance of Stage V *Calanus finmarchicus* in the Bay of Fundy from 2011-2018: Implications for North Atlantic right whales and other copepod predators – Kristina Guarino
- 1300 Foraging rates of endangered North Atlantic right whales measured with onboard, multi-sensor DTAGs – Julie van der Hoop

**Distribution and Monitoring**

- 1315 Summertime occurrence of North Atlantic right whales in the Bay of Fundy – Kimberley Davies
- 1330 Population structure and residency of North Atlantic right whales in the southern Gulf of St. Lawrence – Leah Crowe
- 1345 Investigation of North Atlantic right whale (*Eubalaena glacialis*) migratory pathways in the Mid-Atlantic region – Caroline Good
- 1400 Department of Fisheries and Oceans Canada: Update on research and monitoring activities – Hilary Moors-Murphy
- 1415 Follow-up of North Atlantic right whales tagged with LIMPET tags – Russel Andrews

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1430 Session Discussion

1445 **BREAK**

**STUDENT ROUNDTABLES**

**BREAK OUT MEETING TIME**

**Physiology**

1545 Sleepless whales: North Atlantic right whale melatonin receptor and ‘clock’ genes associated with arrhythmic behaviors – *Jeffry Fasick*

1600 An interactive biophysical model to estimate physical stresses experienced by right whales as a result of vessel strikes – *Sean Brilliant*

1615 Computational fluid dynamics simulations of a 10m North Atlantic right whale (*Eubalaena glacialis*) – *Chen-Yi Wu*

1630 Session Discussion

**1645 MEETING DISCUSSION**

**CLOSING REMARKS**

**1715 MEETING CLOSES**