



*"Celebrating and Inspiring Healthy Coastal Communities"*

## 18th International Conference on Shellfish Restoration

### Preliminary Schedule of Presentations and Activities

#### WEDNESDAY, NOVEMBER 16, 2016

4:00 p.m. to 7:30 p.m.  
**ICSR'16 Registration**

STERLING HALL FOYER

7:00 p.m. to 9:00 p.m.  
**Welcome Reception**

GRAND MAGNOLIA A/B

#### THURSDAY, NOVEMBER 17, 2016

8:00 a.m. to 3:30 p.m.  
**ICSR'16 Registration**

STERLING HALL FOYER

8:00 a.m. to 9:00 a.m.  
**Coffee and Conversation**

GRAND MAGNOLIA C

9:00 a.m. to 9:30 a.m.  
**Welcoming Remarks**

GRAND MAGNOLIA A/B

Welcome to Charleston, South Carolina

*Robert Barber, Owner, Bowens Island Restaurant, Charleston, SC*

ICSR'16 Welcome

*Dorothy Leonard, Ocean Equities LLC, and M. Richard DeVoe, S.C. Sea Grant Consortium*

9:30 a.m. to 10:00 a.m.

GRAND MAGNOLIA A/B

**Keynote Address:** Selective breeding of the European flat oyster *Ostrea edulis*, using ponds in Rossmore, Ireland, to increase tolerance to the *Bonamia* parasite.

*Tristan Hugh-Jones, Atlantic Shellfish Ltd.*

10:00 a.m. to 10:30 a.m.  
**Break**

GRAND MAGNOLIA C

10:30 a.m. to 12:00 p.m.

GRAND MAGNOLIA A/B

**Session A – Interactive Panel: An Historical Perspective of Long-Term and Recent Volunteer Restoration Programs**

*Chair: Sandy Macfarlane, Coastal Resource Specialists*

12:00 p.m. to 1:30 p.m.  
**Lunch (provided)**

GRAND MAGNOLIA C



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### Preliminary Schedule of Presentations and Activities

1:30 p.m. to 3:10 p.m.

GRAND MAGNOLIA A/B

#### **Session B – Contributed Talks: Lessons Learned and Practical Advice I**

*Moderator: John Kraeuter*

- 1:30 Developing methods for oyster reef restoration in Port Phillip Bay, Victoria, Australia.  
*Ben Cleveland\*, John Ford, Paul Hamer, Steve Swearer*
- 1:50 Current status of European Oyster restoration in Germany.  
*Bernadette Pogoda\**
- 2:10 Oyster restoration in Maryland: Lessons learned and progress made, the Harris Creek story.  
*Donald W. Merritt\*, Kennedy Paynter, Donald W. Webster, Ward Slacum*
- 2:30 Using Reef Balls for shellfish restoration.  
*Jim MacFarlane\*, Larry Beggs*
- 2:50 The state of oyster restoration in New York/New Jersey Harbor: A review and synthesis.  
*Michael McCann\*, Lauren Alleman, Peter Malinowski, Katie Mosher-Smith*

3:10 p.m. to 3:40 p.m.

GRAND MAGNOLIA A/B

#### **Break**

3:40 p.m. to 5:00 p.m.

GRAND MAGNOLIA A/B

#### **Session C – Contributed Talks: Lessons Learned and Practical Advice II**

*Moderator: Julie Davis*

- 3:40 Effective monitoring to evaluate ecological restoration in the Gulf of Mexico: An overview of the 2016 National Academies report.  
*Loren D. Coen\*, Frank W. Davis, David M. Burdick, Heather Coleman, Peter H. Doering, Frances Gulland, Kenneth L. Heck, Jr., Matthew K. Howard, Stephanie Johnson, Michael S. Kearney, Payton T. Kulina, Claudia Mengelt, Paul A. Montagna, Pamela T. Plotkin, Kenneth A. Rose, Eric P. Smith, Heather M. Tallis, Ron M. Thom, Mark S. Woodrey*
- 4:00 Development of a novel ephemeral substrate for the creation of diverse oyster-based products for aquaculture, habitat restoration, and living shorelines.  
*Niels Lindquist\*, David Cessna*
- 4:20 Pilot deployment of a novel substrate to create oyster habitat in Port Royal Sound and the ACE Basin NERR, South Carolina, USA.  
*Benjamin W. Stone\*, Al Segars, Gary Sundin, Nick Wallover, Peter Kingsley-Smith*
- 4:40 Shellfish restoration: science, education, and art as strange bedfellows.  
*Gef Flimlin\**

5:30 p.m. to 6:00 p.m.

GRAND MAGNOLIA A/B

#### **Rapid Fire Poster Talks**

*Moderators: Janet Brown and Andrea Sassard*

6:00 p.m. to 8:00 p.m.

GRAND MAGNOLIA C

#### **Poster Session**

8:00 p.m.

#### **Evening on Your Own**



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**Preliminary Schedule of Presentations and Activities**

**FRIDAY, NOVEMBER 18, 2016**

7:30 a.m. to 3:30 p.m.  
**ICSR'16 Registration**

STERLING HALL FOYER

7:30 a.m. to 8:30 a.m.  
**Coffee and Conversation**

GRAND MAGNOLIA C

8:30 a.m. to 9:00 a.m. GRAND MAGNOLIA A/B  
**Keynote Address:** Ecosystem services and biodiversity of shellfish beds: lessons learned from mussel and oyster restoration in the Netherlands  
*Tom Ysebaert, Ph.D., IMARES Wageningen University and Research*

9:00 a.m. to 10:00 a.m. GRAND MAGNOLIA A/B  
**Session D – Interactive Panel: Chesapeake Bay Oyster Restoration- Progress, Policy, Partners, and Applied Science**  
*Chair: Peyton Robertson, NOAA Chesapeake Bay Office*

10:00 a.m. to 10:30 a.m. GRAND MAGNOLIA C  
**Break**

10:30 a.m. to 12:10 p.m. GRAND MAGNOLIA A/B  
**Session E – Contributed Talks: Goods and Services Provided by Shellfish Populations and Their Habitats I**

*Moderator: Peter Kingsley-Smith*

10:30 New Zealand's blackfoot abalone (*Haliotis iris*) fishery: Restoration successes and future prospects.

*Tom A. McCowan\**

10:50 Effects of scallop (*Pecten novaezelandiae*) spat enhancement on scallop catches in New Zealand.

*Julie Hills\*, Ian Tuck, James Williams*

11:10 Feasibility of shellfish bed restoration (flat oyster *Ostrea edulis* L. and mussel *Mytilus edulis*) in the Dutch part of the North Sea.

*Pauline Kamermans\*, Tom van der Have, Wouter Lengkeek, Hein Sas, Aad Smaal, Karel van den Wijngaard*

11:30 Oyster reef connectivity in lower Chesapeake Bay examined using molecular markers.

*Jan R. McDowell\*, Brendan D. Turley, Kimberly S. Reece*

11:50 Reversing a rapid decline in oyster reefs: Effects of durable substrate on oyster populations, elevations, and aquatic bird community composition in the Big Bend of Florida.

*Peter Frederick\*, Nicholas Vitale, Bill Pine, Jennifer Seavey, Leslie Sturmer*

12:10 p.m. to 1:30 p.m.  
**Lunch (provided)**

GRAND MAGNOLIA C



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1:30 p.m. to 3:10 p.m.

GRAND MAGNOLIA A/B

**Session F – Contributed Talks: Goods and Services Provided by Shellfish Populations and Their Habitats II**

*Moderator: Boze Hancock*

- 1:30 Restoring abalone population through family-based grow-out culture in intertidal reef flats.  
*Ma. Junemie H. Lebata-Ramos\*, Jonas P. Mediavilla; Frances Patrick L. Alicante, Rema C. Sibonga, Ellen Flor D. Solis, Cleresa S. Dionela*
- 1:50 Ownership of fishing areas by artisanal fishermen targeting marine molluscs along the Petite Côte of Senegal.  
*Hamet Diaw Diadhiou\*, Ismaila Ndour*
- 2:10 Using a suite of innovative science and monitoring practices to quantify the ecological, social, and economic impact a restored oyster reef can have on people and nature: Half Moon Reef, Texas.  
*Bryan M. DeAngelis\*, Mark Dumesnil, Bill Balboa, Stuart Carlton, Jennifer Pollack, Andrew Ropicki, Christine Shepard, R.J. David Wells*
- 2:30 Oyster larval settlement in response to experimental seeding of oyster reefs with *Alpheus spp.* snapping shrimp.  
*Sean Hardison\*, Ami Wilbur*
- 2:50 Structural complexity effects on the initial similarity in resident prey survival among natural and created intertidal oyster reefs.  
*Keith Walters\*, Charles W. Martin*

3:10 p.m. to 3:40 p.m.

GRAND MAGNOLIA C

**Break**

3:40 pm. to 5:20 p.m.

GRAND MAGNOLIA A/B

**Session G – Contributed Talks: Climate Change and Shellfish Restoration**

*Moderator: Geoff Scott*

- 3:40 Estimating the distribution of harvested estuarine bivalves with habitat suitability models and understanding the implications under a changing climate.  
*Nathaniel S. Lewis\*, Theodore H. DeWitt, Eric W. Fox*
- 4:00 Oyster reef (*Crassostrea virginica*) restoration and responses to 2015-2016 El Niño in Southwest Florida.  
*Eric C. Milbrandt\*, Mark Thompson, A.J. Martignette*
- 4:20 Oyster-reef growth tracks annual fluctuations in water level.  
*Justin T. Ridge\*, Antonio B. Rodriguez, F. Joel Fodrie*
- 4:40 Wave exposure structures oyster distribution on natural intertidal reefs but not on hardened shorelines.  
*Seth J. Theuerkauf\*, David B. Eggleston, Brandon J. Puckett, Kathrynlynn W. Theuerkauf*
- 5:00 Constructing oyster castle reefs for increased resilience at Chincoteague National Wildlife Refuge.  
*Bowdoin W. Lusk\**

7:00 p.m. to 9:30 p.m.

**Networking Event at Bowens Island**

Meet in the STERLING HALL FOYER for bus transportation at 6:30



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## 18th International Conference on Shellfish Restoration

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#### SATURDAY, NOVEMBER 19, 2016

7:30 a.m. to 12:00 p.m.

STERLING HALL FOYER

#### **ICSR'16 Registration**

7:30 a.m. to 8:30 a.m.

GRAND MAGNOLIA C

#### **Coffee and Conversation**

8:30 a.m. to 9:00 a.m.

GRAND MAGNOLIA A/B

#### **Keynote Address:** Management Decision Implications Resulting from an Analysis and Assessment of the May River Watershed Action Plan Implementation.

*Kim Jones, Town of Bluffton. SC*

9:00 a.m. to 10:00 a.m.

GRAND MAGNOLIA A/B

#### **Session H – Contributed Talks: Positive Outcomes for Coastal Communities**

*Moderator: Peter Malinowski*

9:00 Galveston Bay Foundation's oyster shell recycling program: Methods, management, and moving forward.

*Haille N. Carter\**

9:20 From seeds to shorelines: Sharing restoration stories.

*Elizabeth V. Bell\*, Andrea M. Sassard*

9:40 Community reefs in Brooklyn: How reef installations along the Brooklyn shoreline activate communities and build resiliency.

*Peter Malinowski\**

10:00 a.m. to 10:30 a.m.

GRAND MAGNOLIA C

#### **Break**

10:30 a.m. to 12:00 p.m.

GRAND MAGNOLIA A/B

#### **Session I – Contributed Panel: Community Engagement in Shellfish Restoration**

*Chair: Julie Davis*

12:00 p.m. to 1:30 p.m.

GRAND MAGNOLIA C

#### **Lunch (provided)**

1:30 p.m. to 3:10 p.m.

GRAND MAGNOLIA A/B

#### **Session J – Contributed Talks: Perspectives on Shellfish Restoration Planning, Policy, and Regulations**

*Moderator: John Scarpa*

1:30 The Italian problem about 0.3 nm fishery exclusion: Does it make sense? (Maybe or maybe not).

*Donatella Del Piero\**

1:50 Local government landuse planning and zoning authority: Addressing landuse conflicts and shellfish operations.

*Alexandra R. Chase\**

2:10 Evaluating living shorelines to inform regulatory decision-making in South Carolina, USA.

*Peter R. Kingsley-Smith\*, Benjamin W. Stone, Michael Hodges, Andrew Tweel, Sharleen Johnson, Erik Smith, Blaik Keppler, Nancy Hadley, Matt Slagel, Denise Sanger*



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- 2:30 What does the future hold for the oyster fishery and oyster restoration in Texas?  
*Lance Robinson, Joe Fox, John Scarpa\**
- 2:50 From trash can culture to a modern shellfish hatchery: A story of community support on Nantucket Island, Massachusetts.  
*Leah Cabral\**

3:15 p.m. to 4:00 p.m.

GRAND MAGNOLIA A/B

#### **Closing Plenary Session: "Future Directions"**

*Dorothy Leonard, Ocean Equities LLC, and M. Richard DeVoe, S.C. Sea Grant Consortium*

4:00 p.m.

**Conference Adjourns**