

Agenda

- 9:30 – 10:00 am Introductions
- Purpose of the meeting
Fredrika Moser, Maryland Sea Grant
 - Aquaculture – Status and Challenges
Yonathan Zohar, University of Maryland Baltimore County, Institute of Marine and Environmental Technology
- 10:00 – 10:45 am Brief Overview of Roundtable Topics (7 minute talks)
Expanded explanation of the topics are on page 6
- Legal/Marketing
Karl Roscher, Maryland Department of Natural Resources
 - Breeding and Genetics
Louis Plough, University of Maryland Center for Environmental Science, Horn Point Laboratory
 - On-Bottom/Water Column Production
Don Webster, University of Maryland Extension and Maryland Sea Grant Extension Program
 - Business Optimization
Matt Parker, University of Maryland Extension and Maryland Sea Grant Extension Program
- 10:45 – 11:00 am Break
- 11:00 – 11:30 am Brief Overview of Roundtable Topics (*Continued*)
- Diversification
Tuck Hines, Smithsonian Environmental Research Center and Matt Gray, University of Maryland Center for Environmental Science, Horn Point Laboratory
 - Sustainability
Allen Place, University of Maryland Center for Environmental Science, Institute of Marine and Environmental Technology
 - Environmental Threats
Colleen Burge, University of Maryland, Baltimore County, Institute of Marine and Environmental Technology
- 11:30 – 12:00 pm Industry Perspective
James Dale Blackwell, Jr., 38° North Oysters; Scott Budden, Orchard Point Oyster Co.; Ted Cooney, Madhouse Oysters LLC; Stuart Dawson, Mudgies Oyster Farm; Jon Farrington, Johnny Oysterseed, LLC; Donald Marsh, South Point Oyster Farm; Scott M. Robinson Jr, Madhouse Oysters LLC; Johnny Shockley, Hoopers Island Oyster Co.; Eric Wisner, Eric Wisner Oysters, LLC
- 12:00 – 1:00 pm Lunch

- | | |
|----------------|--|
| 1:00 – 1:45 pm | Roundtable Discussion 1 <ul style="list-style-type: none"> • Legal/Marketing • Breeding and Genetics • On-Bottom/Water Column Production • Business Optimization |
| 1:45 – 2:15 pm | Roundtable Group Reports |
| 2:15 – 2:30 pm | Break |
| 2:30 – 3:15 pm | Roundtable Discussion 2 <ul style="list-style-type: none"> • Diversification <ul style="list-style-type: none"> ○ Other shellfish aquaculture ○ Other aquaculture • Sustainability <ul style="list-style-type: none"> ○ Closed system aquaculture ○ Open water aquaculture • Environmental Threats <ul style="list-style-type: none"> ○ Aquaculture effects on the environment ○ Environmental effects on aquaculture production |
| 3:15 – 3:45 pm | Roundtable Group Reports |
| 3:45 – 4:30 pm | Topic Sign-Up Activity, Informal Discussions, and Conclusions |

Meeting Background

The National Sea Grant College Program has a long and successful history of supporting research and extension programs in sustainable fisheries management and production. This includes significant investments in oyster disease research and in aquaculture. Maryland Sea Grant is interested in facilitating the development of innovative and cross-disciplinary research teams to address key aquaculture questions pertinent to advancement of the industry in Maryland, the region, and nationally.

The National Sea Grant Program Aquaculture Initiative Federal Funding Opportunity, as well as other funding opportunities for aquaculture research, are currently open and seeking proposals (Appendix D). This meeting is an opportunity to discuss potential research efforts that could address the aquaculture industry’s needs (both in Maryland and beyond), meet researchers across multiple disciplines, and begin forming collaborations that could evolve into proposals for these, and future, aquaculture competitions.

In November 2017, we convened members of Maryland’s aquaculture industry (primarily oyster farmers) who articulated their priorities for advancing the industry. Two summaries from that meeting are included in this briefing book: Appendix B and C: *Maryland Shellfish Aquaculture Industry Roundtable Summary* and *Shellfish Aquaculture Industry Potential Research Interests*, respectively. Concurrently, we surveyed Maryland scientists to learn about their expertise and interests in aquaculture research. A synthesis of the priorities from researchers (collected by survey before this meeting) and industry is in the section “Roundtable Discussion Topics” of this briefing book. We used this information to help design today’s Maryland Sea Grant Aquaculture Researcher Roundtable meeting.