

Marine Fish Aquaculture Scoping Workshop Agenda
March 23-24-2017

Hosts:

- Harbor Branch Oceanographic Institute
- Florida Atlantic University

27 Attendees

The purpose of the workshop is to bring together partners to prioritize the critical challenges and opportunities to support and meet the needs of the U.S. marine food fish aquaculture industry. Identifying and focusing on critical areas for improvement is needed to meet the growing seafood demand while enabling the U.S. aquaculture industry to compete globally.

The objectives of the workshop are to:

- 1) identify critical needs for research and knowledge gaps in current technologies for the production of marine food fish
- 2) develop short term and long term goals for meeting the needs of the U.S. aquaculture industry.

Expected outcomes include a roadmap to support and protect the U.S. marine fish aquaculture industry by working cooperatively with the industry and research institutions that specialize in the development of aquaculture technologies, as well as establishing a clear and concise mission. A white paper to guide the research and development of technologies for the marine aquaculture industry will be an output from the workshop.

AGENDA

Thursday March 23

7:30-8:00

Light Breakfast

Welcome and Introductions

8:00-8:05

Welcome

(Anton Post)

8:05-9:00

Participant Introductions

9:00-9:15

USDA-ARS perspective on Marine Aquaculture (Jeff Silverstein)

NOAA perspective on Marine Aquaculture; Aquaculture in the Gulf of Mexico (Mike Rust)

Morning Session 1 – Selective Breeding/Reproduction

What are the principal limitations to reproduction and seedstock production?

9:30-9:45

Setting the Stage (Benjamin Reading)

9:45- 10:00

Setting the Stage (Eric Saillant)

10:00-11:30

Round Table Discussion

11:30-12:30

Lunch

Afternoon Session 2 – Larval and Juvenile Rearing

What are the technological barriers to improving hatchery production?

12:30-12:45

Setting the Stage (George Nardi)

12:45-1:00

Setting the Stage (Mark Drawbridge)

1:00-2:30

Round Table Discussion

2:30-3:00

Break

Afternoon Session 3 – Health and Nutrition

What are the dietary and health impediments limiting fish performance and economic viability?

3:00-3:15

Setting the Stage - Nutrition (Lou D'Abramo)

3:15-3:30

Setting the Stage - Health (Roy Yanong)

3:30-5:00

Round Table Discussion

5:30-7:00

Dinner at HBOI

Friday March 24

8:00-8:30

Breakfast

Morning Session 4 – Production Systems; Partnerships

In the face of limited available and dwindling resources what are the priority critical challenges that need to be addressed with expertise and infrastructure that is available today? What are the strategies goals to meet these challenges? What is needed in terms of capacity building to meet these challenges?

Infrastructure and Systems Assessment - Tour of the Aquaculture Facilities

Round Table Discussion – Recommendations and Setting Priorities through Partnerships

12:00

Optional Lunch in Cafeteria