

SAB Work Plan Topic 6: As the next step in implementing SAB Work Plan Topic 6 on Aquaculture, NOAA will provide a contact from the Sea Grant Advisory Panel to work with Bob Rheault and the Marine Fisheries Advisory Committee (MAFAC) on recommendations for aquaculture

Champion: Bob Rheault will champion the effort for the SAB working with Paul Doremus

Description of Planned Work: NOAA has been working on a review of the internal aquaculture science portfolio at the Fisheries Science Centers and NOS (as opposed to extramural grants through S-K, SBIR or the Sea Grant Marine Aquaculture RFP). NOAA has suggested that their internal review team (including Mike Rust, Mike Rubino, Steve Thur, and Cisco Werner) expects to have a draft report by the end of the year. NOAA would like the MAFAC Aquaculture Task Force to review the draft and identify industry-driven research priorities that will advance domestic marine aquaculture production.

Following that effort we propose that the SAB examine the draft report and industry priorities to optimize the future research program by:

1. Ensuring that the science is done well and the appropriate tools are brought to bear to answer the questions industry has identified;
2. Providing guidance on how to best allocate the resources of the NOAA labs (ie. Fisheries Science Centers and NOS) and the extramural research programs to ensure efforts complement and maximize the value of NOAA aquaculture science investments (ie. long term projects vs. short term RFPs and public private partnerships).

Deliverables: The SAB would work with NOAA's internal science review team to develop a letter report with recommendations on the best ways to approach top industry priorities to ensure that:

1. The science is appropriate for the questions being asked and the resources of the NOAA science portfolio are adequate and appropriate
2. NOAA optimizes the return on investment
3. NOAA uses the best mix of science capabilities across the agency and its external partners.

It is anticipated that NOAA would incorporate the SAB's recommendations in its final Aquaculture Science Review, as deemed most effective or feasible by the agency.

Timetable: The NOAA Aquaculture Science Review is projected to be available in draft form by December 2018. The MAFAC Aquaculture Task Force will be asked to identify industry priorities as early as possible in the development of the science review.

The NOAA SAB will review the draft and the industry priorities and produce a report with the above deliverables approximately 3-6 mo. from the completion of the Draft Review and the ATF priority document.

Participants: SAB Members, NOAA liaisons, NOAA Federal Advisory Committees and Other Collaborators Working on this Topic—Please list and explain.

NOAA Aquaculture Science Review team – Rust, Rubino, Thur, and Werner – will finish their draft report by the end of the calendar year.

The MAFAC ATF will be asked to develop a list of industry-driven research priorities designed to advance domestic marine aquaculture production.

NOAA SAB will delegate a few members to work with the NOAA Science team to develop recommendations listed above.

Resources needed: Please describe what is needed

Potential Challenges: