

SAB – Work Plan

*PRIORITY 2: INCREASE THE SUSTAINABLE
ECONOMIC CONTRIBUTIONS OF OUR FISHERY AND
OCEAN RESOURCES (BLUE ECONOMY)*

TOPIC 6: SUSTAINABLE MARINE AQUACULTURE

The SAB will develop guidance on the most effective deployment of NOAA's science enterprise investments for science and research that supports increasing aquaculture production.

Process

- MAFAC Aquaculture Task Force (ATF)
 - identify research priorities (done)
 - group by discipline (done)
 - develop vision statements (rationale, benefits)
(draft due Nov. 5)
- SAB: Examine priorities and suggest optimal approaches (letter report 30-45 days)
- NOAA: Use recommendations to inform Aquaculture Science Review (draft target 1/1/19)

Industry Research Priorities

- MAFAC ATF identified 22 priority areas
 - Distilled into 8 disciplines: Genetics, Pathology, Spatial Planning, Economics, Physiology, Engineering, Environment/Climate, Nutrition
- NOAA will identify priorities for improving regulatory environment (tools for rules)
 - Mitigating risk of genetic impacts by escapes, disease, spatial planning in minimize conflicts

Role for SAB

- Review the stated priorities
- Propose strategies to optimize return on investment
 1. Ensure that the science is done well and the appropriate tools are brought to bear
 2. Provide guidance on how to allocate the resources of the NOAA labs and research funds

Role for SAB

- Suggest how each priority should be best addressed by the NOAA science portfolio.
- Which priorities are best addressed via
 - public-private partnerships
 - extramural RFPs (Sea Grant, S-K, SBIR)
 - long term research projects at one of NOAA's Fisheries Science Centers and NOS

Seeking SAB Participants

- Evaluate the goals
- Propose approaches – the Science of doing science
- Current participants:
 - Bob Rheault (SAB)
 - Paul Doremus (NOAA Fisheries)
 - Mike Rust (NOAA Office of Aquaculture)
 - Jon Peacock (SG)