

Perspectives on RFPs from the Granting Agency Side

LO: identify strategies and potential projects for research proposals



Matthew Baker

Who are you?

How did you end up at NPRB?

What do you do at NPRB?

Fisheries Oceanography 437

2017 cohort



Elliott
Allen



Juliette
Birkner



Kathryn
Blair



Sam
Ghods



Sean
Rohan



Ian
Stanfield

What is Fisheries Oceanography?

The study of oceanic processes affecting the abundance and availability of commercial fishes. W. Wooster (1961)

Fisheries oceanography is the study of the distribution and abundance of a living marine resource, focusing on how the life cycle of a commercial species is shaped by the physical and biological characteristics of the ocean. J. Wroblewski (1980s)

To better understand the influence of the environment on living marine resources in order to improve management. NOAA

Class themes:

bio-physical coupling, early life history, recruitment, recruitment variability, stock-recruitment, NE Pacific

How do Core and IERP RFPs get generated?

NPRB 2017 RFP Research Priorities

Table 1. Anticipated distribution of funds

CATEGORY	2017
Oceanography and Lower Trophic Level Productivity	\$500,000
Fishes and Invertebrates	\$1,100,000
Seabirds	\$100,000
Marine Mammals	\$800,000
Human Dimensions	\$500,000
Other Prominent Issues	\$100,000
Community Involvement	\$150,000
Cooperative Research with Industry	\$300,000
Technology Development	\$300,000
Data Rescue	\$100,000
Focus Section	\$600,000
TOTAL	\$4,550,000

Potential EBS Project Interest Areas

1. whether spawning times and locations have shifted due to water temperatures, and if this can be used to predict long term climate change effects.
2. how has climate change impacted the abundance and distribution of spawning Arctic cod (*Boreogadus saida*) in the eastern Bering Sea?
3. what are some effects of increased human activity (i.e. fishing, offshore drilling) on juvenile fishes (multiple species) in the EBS?
4. role of arctic lagoons in fish and invertebrate recruitment in response to ecosystem change
5. impact of changing fish ranges on human communities
6. potential competition between age-1 pollock and capelin
7. effect of late summer coccolithophore blooms on age-0 walleye pollock growth

Questions?