

NOAA NCCOS Engagement

March 2020



50 Years of Science, Service, and Stewardship



Overview

Welcome and Introduction

Setting the Stage

Overview of NCCOS Process

- Description of Revised Programmatic Science Funding Approach and Competitive Research Program

Grant Writing / Success

- Salient process points
- Observations, Questions, Tips

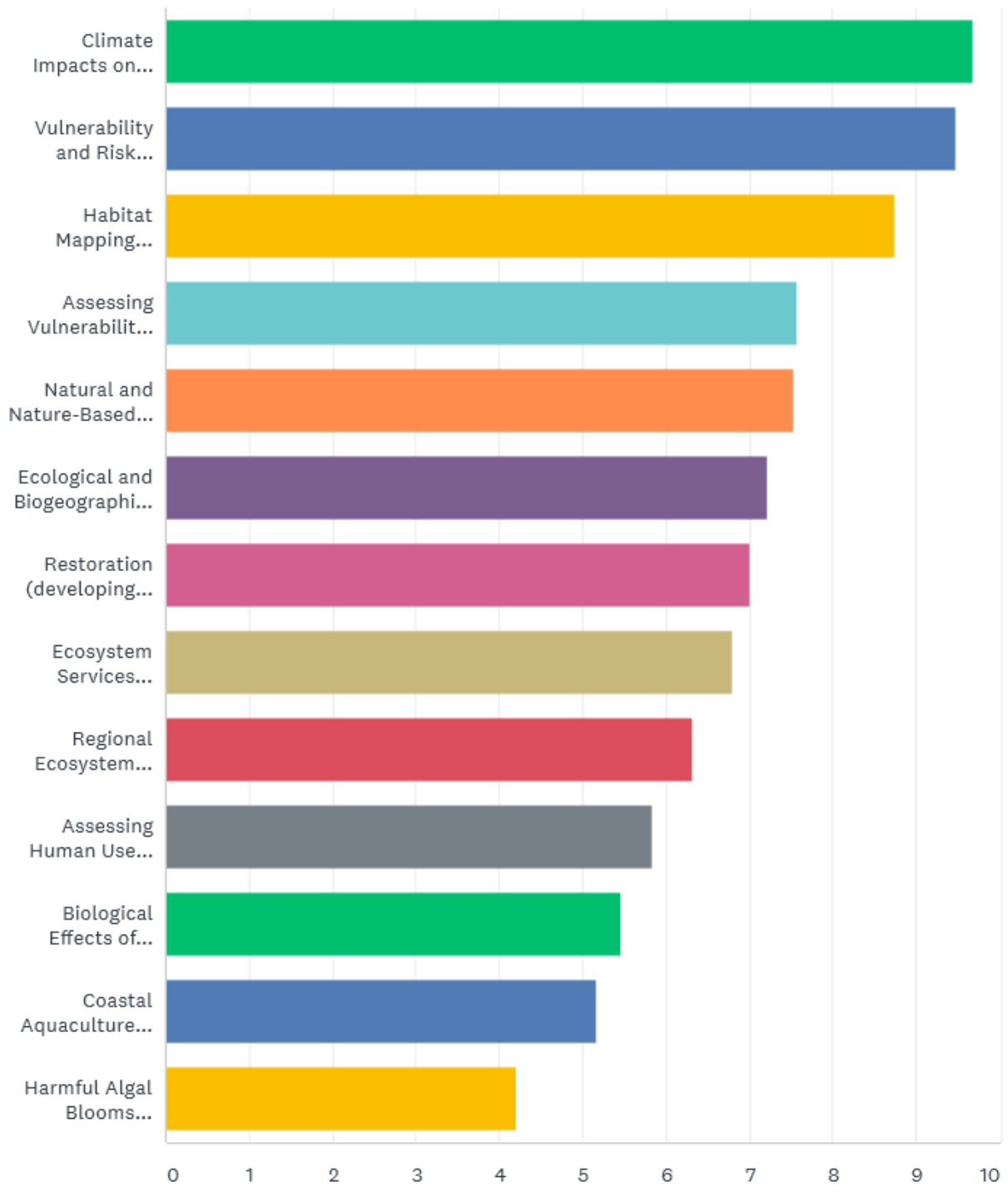
Recap and Adjourn



I would like to receive more information about NCCOS...

Answered: 19 Skipped: 0

ANSWER CHOICES		RESPONSES	
▼ Funding opportunities		73.68%	14
▼ Partnership opportunities		73.68%	14
▼ Science priorities		36.84%	7
▼ Research products		57.89%	11
▼ Staff points of contact		31.58%	6
▼ Other (please explain)	Responses	21.05%	4
Total Respondents: 19			



NCCOS Programmatic Approach for Internal Funding & Successful NCCOS Grant Writing

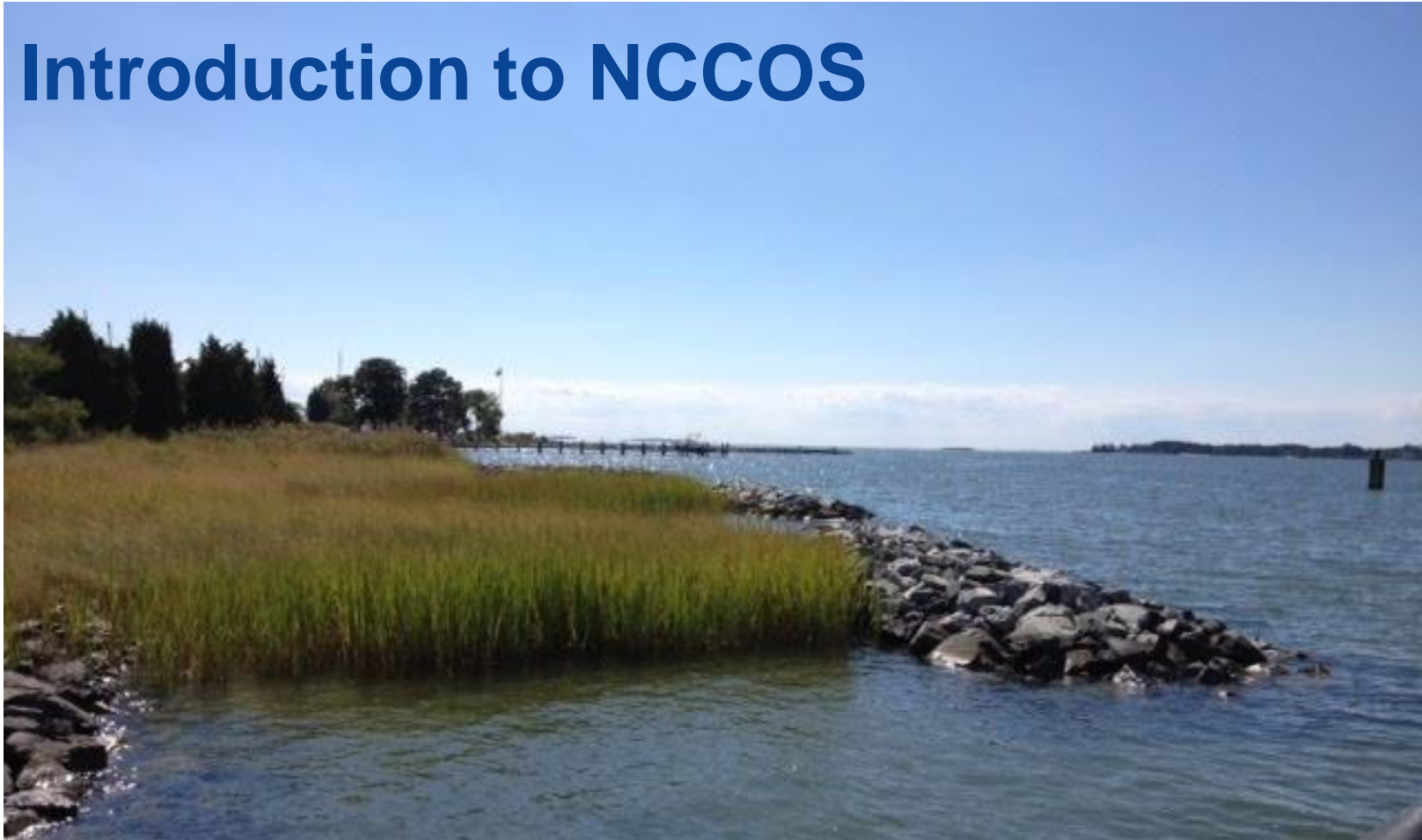


NCCOS Programmatic Approach for Internal Funding

Revisions from the Discretionary Process



Introduction to NCCOS



Delivering ecosystem science solutions

- for stewardship of the nation's ocean and coastal resources
- in direct support of NOS priorities, offices and customers
- to sustain thriving coastal communities and economies

History and Structure

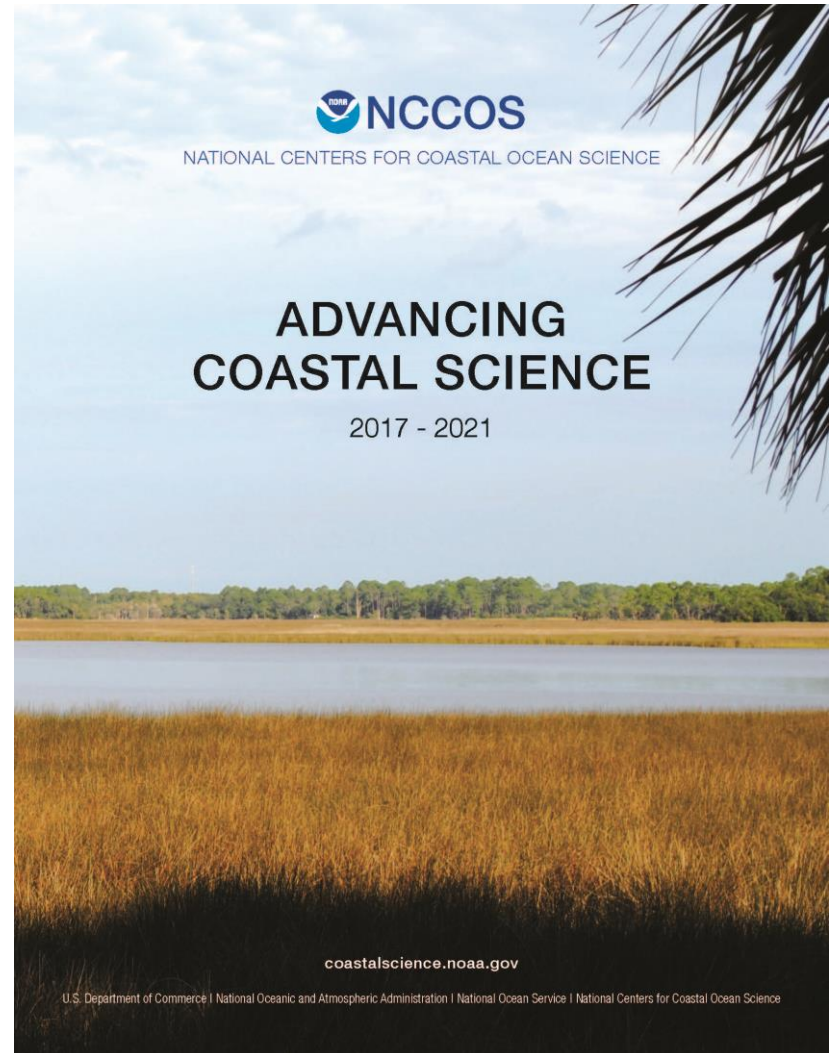


- Created in 1999 as the focal point for NOAA's coastal ocean science
- Staff in 8 locations nationwide, 145 FTE's and ~122 Contractors
- Science Divisions and Competitive Research Program headquartered in Silver Spring, MD
- NCCOS operates 5 labs, all of which have partner organizations also occupying the facilities

Priority Research Areas

NCCOS Strategic Plan identifies four major research, assessment and monitoring priorities.

- Marine Spatial Ecology
- Stressor Impacts and Mitigation
- Coastal Change: Vulnerability, Mitigation, and Restoration
- Social Science



Background

Since FY13, NCCOS has followed an annual planning process with input on high-level needs and specific projects from NOS and partners on their science needs

Successes:

- Improved responsiveness to NOS offices and partner needs
- Matched NCCOS' scientific capacity and capabilities with NOS and partner science requirements

Challenges:

- Year-to-year science planning did not always lead to strategic outcomes that efficiently furthered NCCOS, NOS and partner priorities
- Alignment with complementary NCCOS Competitive Research Program was difficult as those external awards are often for 3-5 years

What is changing and why

- Programmatic Funding Approach that shifts science planning to a 3-5 year time frame for priority areas
 - Commit to funding science priorities over a 5-year period
 - Individual projects would cover 1-3 years
 - Staggered projects will allow project completion and new starts each year
- Impacts are fewer longer-term studies and a limited number of new projects that can be funded in any specific year
- Depending on the length of projects, funding may be variable over the 3-5 year time frame for any particular priority area

What is not changing

- NCCOS remains committed to:
 - Meeting NOS and partner science needs within current capacity, capabilities, and funding
 - Collaboration with researchers and stakeholders in project design and implementation
 - Communication with NOS offices and partners on science needs and project and funding decisions
 - Advancing strategic and efficient outcomes that further NCCOS, NOS, and partner priorities
- Funding is expected to remain, on average, about \$4M for internal science funding (dependent on appropriations)

Engagement Strategy

- Meet with partners to seek “big picture” scientific ideas and issues
 - NOS Coastal Round Table
 - Office for Coastal Management Program Manager’s meeting
 - Coastal States Organization
 - National Estuarine Research Reserve Association
 - Integrated Ocean Observing Systems Associations
 - Individual one-on-one meetings
- Solicit science needs thru the NOS Science Board
- With limited funds, be strategic to maximize benefits to partners while also conducting research with broad management applicability

Timeline

- January – March: Science needs solicited from NOS Science Board and partners (CSO input through OCM)*
- April – May: NCCOS planning
- Summer: Staff collaborations
- Late Summer: NCCOS project review meetings and check-ins with partners; modifications as needed to research plans; leveraging opportunities explored
- Late Winter/Early Spring: Final appropriations received; NCCOS final decisions on science projects; communication to NOS Science Board and partners
- Spring: New projects start

*in 2020, this will happen in April - May

For additional information, contact

**Margo Schulze-Haugen
Deputy Director
NCCOS**

margo.schulze-haugen@noaa.gov

240-533-0192



2020 CSO Process

April: CSO distributes a survey/spreadsheet/Google form similar to determine state by state science needs (in line with NCCOS structure), including request for identification of potential correlating projects

Late April: Draft report shared with the CSO Executive Committee. Feedback and questions collected and addressed.

Mid-May: Final report shared with OCM and NCCOS leadership.

Out Year CSO Process

November: CSO distributes a survey/spreadsheet/Google form similar to determine state by state science needs (in line with NCCOS structure), including request for identification of potential correlating projects

December: CSO aggregates collected science needs by state (and regional breakdown) and shares the results with key partners as needed for vetting

January: Results are aggregated in a draft report,

February: Draft report shared with the CSO Executive Committee. Feedback and questions collected and addressed.

March: Final report shared with OCM and NCCOS leadership. Results presented at CSO's D.C. Meeting.

Successful NCCOS Grant Writing

What makes for a strong proposal to the NCCOS
Competitive Research Program?



NCCOS Competitive Research Program

\$19 million in
appropriations

\$1 million avg / project

\$65 million active life
cycle investment

62 active projects

160 partner
institutions

316 principal
investigators

Projects 3 – 5 years in length

Active Funding Programs

Harmful Algal Blooms

- Ecology and Oceanography of HABs (ECOHAB)
- Monitoring and Event Response of HABs (MERHAB)
- Prevention, Control, and Mitigation of HABs (PCMHAB)
- HAB Socioeconomic
- Event Response

Coastal Hypoxia Research Program (CHRP)

Effects of Sea Level Rise (ESLR)

Ocean Acidification

Regional Ecosystem Science

Research Prioritization

- Implements overall NCCOS strategic plan
- Congressional direction
- Community research plans and action strategies
- Targeted workshops
- Builds on engagement strategy to meet stakeholder needs

ANNOUNCEMENT OF FEDERAL FUNDING OPPORTUNITY

EXECUTIVE SUMMARY

Federal Agency Name(s): National Ocean Service (NOS), National Oceanic and Atmospheric Administration (NOAA), Department of Commerce

Funding Opportunity Title: National Competitive Harmful Algal Bloom Programs

Announcement Type: Initial

Funding Opportunity Number: NOAA-NOS-NCCOS-2019-2005810

Catalog of Federal Domestic Assistance (CFDA) Number: 11.478, Center for Sponsored Coastal Ocean Research - Coastal Ocean Program

Dates: The required letters of intent (LOI) be sent by e-mail to nccos.grant.awards@noaa.gov and must be received by 11:59 p.m. Eastern Time on the specified date:

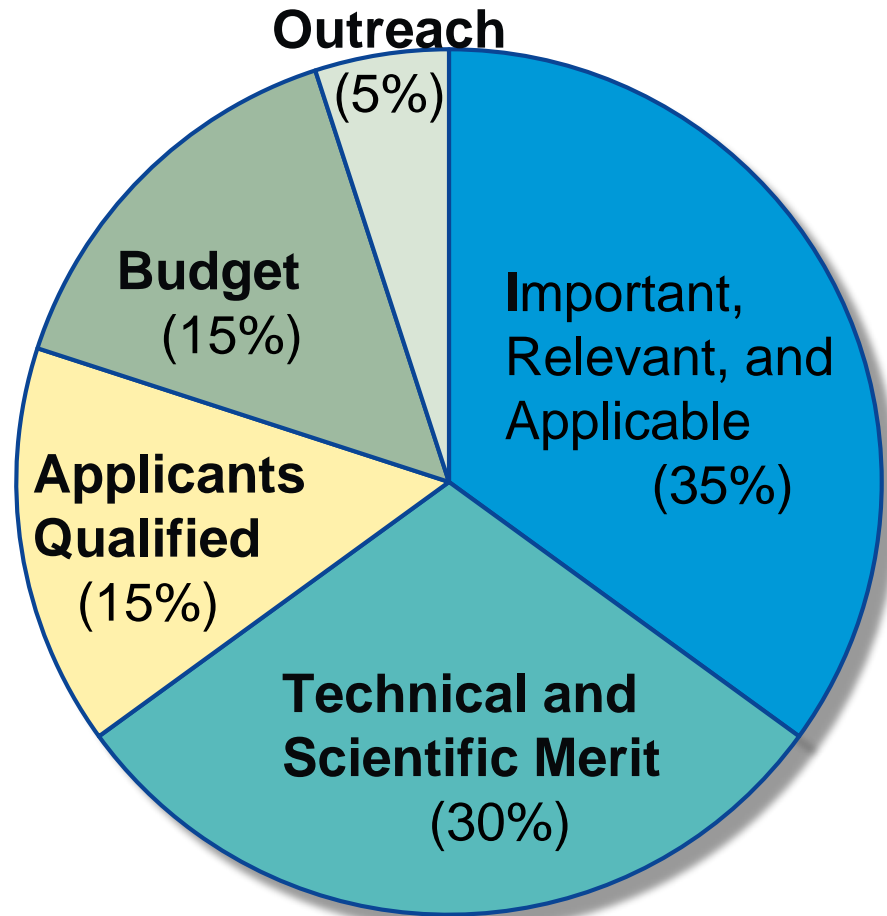
ECO HAB: November 5, 2018

MER HAB: November 5, 2018

Proposal Review Process

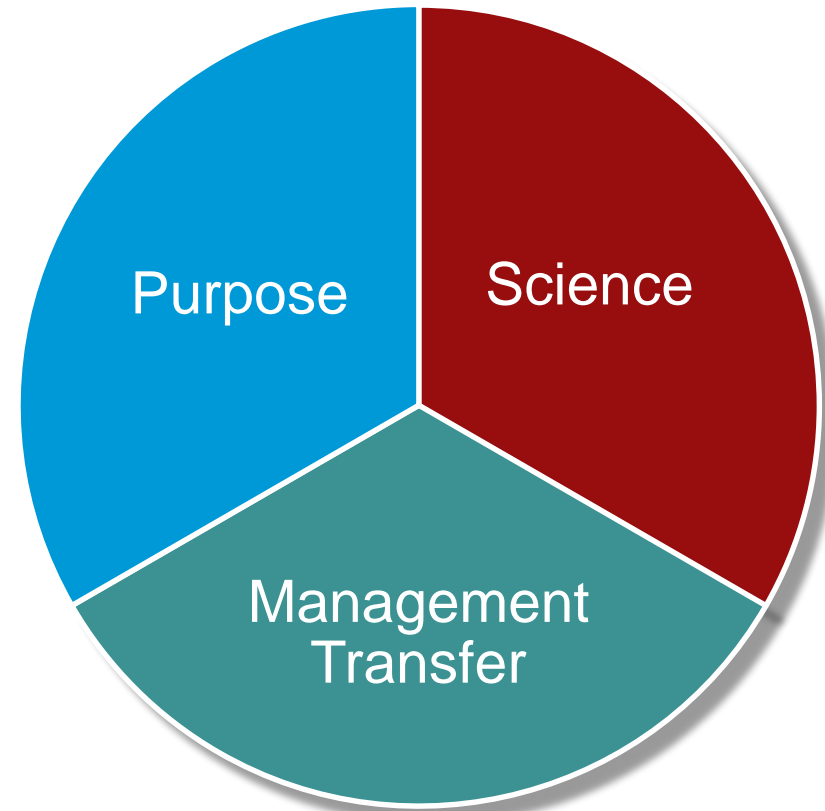


Panel Review



Note: Funding recommendation is based on internal evaluation and not reviewer consensus.

Separating from the pack



Purpose – Does the proposal outline outstanding science that addresses FFO priorities?

Science – Are the methods sound and do they utilize the best approach?

Management Transfer – Does the project involve the user community at the beginning to ensure the right questions are asked and the best tools are produced?

Separating from the pack

Relevance/ Purpose	Applicable	Management Transfer	Technical Merit	Qualified Applicants	Budget	Outreach	Proposal #
3 of 3	Good	Some Questions	Does Not Meet Requirements (weak)	Some Questions	Good	Good	1
1 of 3	Does Not Meet Requirements (weak)	Does Not Meet Requirements (weak)	Does Not Meet Requirements (weak)	Does Not Meet Requirements (weak)	Good	Does Not Meet Requirements (weak)	2
2 of 3	Good	Does Not Meet Requirements (weak)	Some Questions	Good	Good	Does Not Meet Requirements (weak)	3
3 of 3	Good	Does Not Meet Requirements (weak)	Good	Good	Good	Good	4
2 of 3	Does Not Meet Requirements (weak)	Good	Does Not Meet Requirements (weak)	Good	Good	Good	5
0 of 3	Some Questions	Good	Does Not Meet Requirements (weak)	Does Not Meet Requirements (weak)	Good	Good	6
2 of 3	Does Not Meet Requirements (weak)	Does Not Meet Requirements (weak)	Good	Good	Good	Good	7
2 of 3	Some Questions	Some Questions	Some Questions	Does Not Meet Requirements (weak)	Does Not Meet Requirements (weak)	Does Not Meet Requirements (weak)	8
3 of 3	Good	Good	Good	Good	Some Questions	Good	9
2 of 3	Good	Does Not Meet Requirements (weak)	Good	Good	Good	Good	10
0 of 3	Good	Does Not Meet Requirements (weak)	Good	Good	Good	Some Questions	11
0 of 3	Does Not Meet Requirements (weak)	Good	Good	Good	Good	Good	12
0 of 3	Does Not Meet Requirements (weak)	Some Questions	Good	Some Questions	Good	Good	13
2 of 3	Good	Does Not Meet Requirements (weak)	Good	Good	Some Questions	Good	14
1 of 3	Good	Does Not Meet Requirements (weak)	Does Not Meet Requirements (weak)	Good	Good	Good	15
0 of 3	Does Not Meet Requirements (weak)	Does Not Meet Requirements (weak)	Good	Good	Good	Good	16
2 of 3	Good	Does Not Meet Requirements (weak)	Good	Good	Good	Does Not Meet Requirements (weak)	17
2 of 3	Some Questions	Does Not Meet Requirements (weak)	Good	Good	Good	Does Not Meet Requirements (weak)	18
2 of 3	Good	Good	Good	Good	Good	Good	19
3 of 3	Good	Some Questions	Good	Good	Good	Good	20
2 of 3	Good	Does Not Meet Requirements (weak)	Some Questions	Good	Does Not Meet Requirements (weak)	Does Not Meet Requirements (weak)	21
2 of 3	Does Not Meet Requirements (weak)	Good	Some Questions	Some Questions	Good	Good	22
1 of 3	Some Questions	Good	Good	Good	Good	Good	23

Good
Some Questions
Does Not Meet Requirements (weak)

What you can do

- Consider leading or participating on a proposal
- Welcome an invitation from a PI or NOAA to serve on a project advisory team
 - Often required or recommended of projects
 - Can include funding
- Let me know if you would like to participate in a proposal panel review
- Build relationships with scientists in your area

Remember, you are an expert!

Contact the program manager

- Anything in the FFO we can help clarify and discuss, but we can't coach – the distinction is important.

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- Grants administrator can also help you avoid budgetary and other pitfalls if you have concerns.
- Avoid last minute application submission...

Question?

For additional information, contact

**David Kidwell
NCCOS, Competitive Research Program
Director**

david.kidwell@noaa.gov

240-533-0286

Thank You

Mike Molnar
mmolnar@coastalstates.org
www.coastalstates.org

Margo Schulze-Haugen
Margo.schulze-haugen@noaa.gov
<https://coastalscience.noaa.gov/>

David Kidwell
David.Kidwell@noaa.gov
<https://coastalscience.noaa.gov/>

