A Federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with an information collection subject to the requirements of the Paperwork Reduction Act of 1995 unless the information collection has a currently valid OMB Control Number. The approved OMB Control Number for this information collection is 0690-0030. Without this approval, we could not conduct this survey. Public reporting for this information collection is estimated to be approximately 12 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. All responses to this information collection are voluntary. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden to the NOAA Climate Program Office, Daniel.Barrie@noaa.gov.

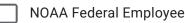
## MAPP PI survey

The purpose of the survey is to (1) gain insights into researcher perspectives on the efficiency of the MAPP grant application processes and its merits, limitations, and challenges; (2) explore researcher responses to some ideas of improving MAPP award processes and distribution.

\* Required

What stage are you in your career? (Years since received PhD degree) \*

Choose



NOAA Affiliate Employee

٦	Other	Federal	Institution
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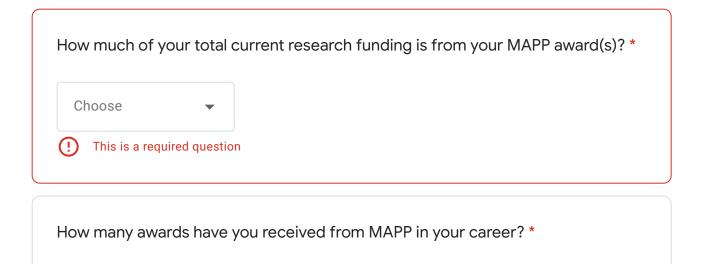


Other:

Within which OPM-designated metropolitan locality is your in 🧷 Request edit access

Sorted alphabetically by region first, then state

Cł	าด	05	se
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Choose

How many and what type of full- and part-time researchers are involved in your typical MAPP-funded project? \*

	0	1/4	1/2	3/4	1	2	3	
undergraduate students	0	0	0	0	0	0	0	
graduate students	0	0	0	0	0	0	0	
post-doc researchers	0	0	0	0	0	0	0	
professors or research associates	0	0	0	0	0	0	0	
other staff	0	0	0	0	0	/ Requ	est edit acces	s

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## MAPP PI survey

\* Required

Application Experience

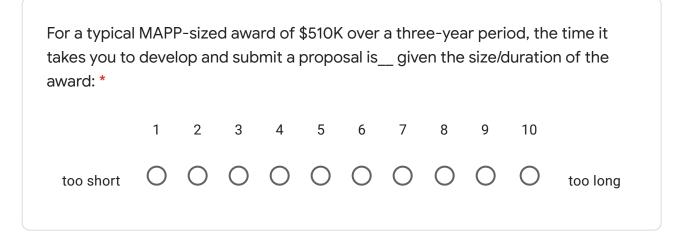
#### What motivated you to apply to a CPO/MAPP solicitation? \*

Please rank from least important = 1 to most important = 5

	1 (least important)	2	3	4	5 (most important)
Generally secure more research funding	0	0	0	0	0
Interest in MAPP research topic	0	0	0	0	0
Desire to work on NOAA- relevant issues	0	0	0	0	0
Pursue research relevant to expertise	0	0	0	0	0
Support post- doc or student	0	0	0	0	0

How many working hours did it take to prepare and submit your most recent proposal to MAPP including all aspects of the proposal writing and submission process? \*

Your answer



CPO/MAPP's peer review process, impacting your proposal's evaluation? *									
	1 (Weakly Influence)	2	3	4	5	6	7	8	9
researcher career stage	0	0	0	0	0	0	0	0	С
researcher gender	0	0	0	0	0	0	0	0	С
researcher race	0	0	0	0	0	0	0	0	С
institution type	0	0	0	0	0	0	0	0	С
institution location	0	0	0	0	0	0	0	0	С
amount of funding requested	0	0	0	0	0	0	0	0	С
quality of proposed science	0	0	0	0	0	0	0	0	С
qualifications of applicants	0	0	0	0	0	0	0	0	С
relevance to agency	0	0	0	0	0	0	0	0	С
relevance to program	0	0	0	0	0	0	0	0	С
relevance to solicitation	0	0	0	0	0	0	0	0	С
4									•

To what extent do you feel the following categorical factors influence

Please indicate your level of agreement with the following statements about the review process \*

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
The review panel feedback I received was constructive and informative	0	0	0	0	0
I incorporated the panel review comments into my research over the course of the project	0	0	0	0	0
I used the panel review summary to improve my future proposal submissions to CPO/MAPP	0	0	0	0	0
I have a clear understanding of the grant review process	0	0	0	0	0
Grant peer review is the best method to allocate research funding	0	0	0	0	0
Grant peer review treats junior researchers objectively	0	0	0	0	0
Grant peer review encourages innovative or risky research	0	0	0	0	0

Other methods, besides grant peer review, are needed to allocate research funding	0	0	0	0	0
A double blind peer review processes (where identity of the PIs is kept anonymous to the reviewers) would reduce inherent bias toward your proposal in the CPO/MAPP review process	0	0	0	0	0
MAPP should use a double- blind review process	0	0	0	0	0
MAPP should include mail/external reviewers in addition to the panel review	0	0	0	0	0
Local economic factors (e.g. market salaries, cost of living, institutional costs) have a significant impact on the cost- competitiveness my proposal	0	0	0	0	0
Proposal budget limits should be proportional to the local cost of	0	0	0	0	0

living, as opposed to a single fixed ceiling everywhere						
The Research Performance Progress Report allows me to effectively communicate project progress	0	0	0	0	0	

What percentage of your submitted MAPP proposals would you estimate are ultimately funded? \*

) 0-20%

20-40%

40-60%

60-80%

80-100%

Thinking about your most recent proposal submitted to MAPP, what would be the optimal budget limit for your proposed work to reach the scientific objectives related to the competition? \*

Keep in mind that larger individual grants would cause lower proposal success rates since program funds are limited.

Choose 🔻

Do you have any comments on the current process to submit proposals, things we might consider to make the process simpler and less arduous, suggestions on factors to consider when considering proposal budget caps, or any other comments regarding your application experience?

Your answer

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### **Google** Forms

### MAPP PI survey

\* Required

Alternative funding models

This section explores alternative options to disburse funding efficiently and effectively.

In some theoretical cases, successful proposals could receive seed as opposed to full funding depending on results from the panel review. Seed funding may provide start-up funds to early career researchers learning how to submit successful proposals, target meritorious tasks in otherwise non-meritorious projects enhancing project success, and provide at least some compensation for the submission of a proposal instead of a limited all-or-nothing proposition as exists currently. Implementing a seed funding option would necessitate a reduction in the success rate of fully-funded proposals since program funds are limited.

Currently, MAPP receives 30-40 proposals per competition and funds proposals at or near their requested amount (depending on panel comments and typically maximum \$170K per year) at a 1/4-1/3 success rate.

What would be an optimal minimum amount of seed funding to usefully support a discrete task from a proposal (use your best estimation of a typical proposal task)? \*

Choose	~

# Which of the following funding models would be most beneficial to the broad research community? \*

This hypothetical assumes a typical competition with 40 submitted proposals at \$170k/year each, and 13 successful proposals. Seed funding options use \$70k/year value. Note that the hybrid full/seed funding models would never fund proposals or tasks deemed deficient in the panel review.

Proposal Rank	13 full, 0 seed	12 full, 2 seed	11 full, 5 seed	10 full, 7 seed	9 full, 10 seed	
1						Key:
2						fully funded
3						partially (seed) funded
4						not funded
5						
6						
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Please indicate your position for the following statements on the new seeds funding model. \* Strongly Strongly Neutral Disagree Agree Agree Disagree The seed fund approach would reduce my overall time spent submitting proposals by distributing funds more broadly Seed funds would help my research and career development The availability of seed awards with an overall higher success funding rate would motivate me to submit more proposals to MAPP I would be comfortable with the review panel identifying components of

V

my proposal to receive with seed funding						
Elements of my proposals can typically be discretely	0	0	0	0	0	
divided into components for partial funding						

*	d seed instead of east likely = 1 to most		g, what would	d you use t	he funding for?
	1 (least likely application	2	3	4	5 (most likely application)
PI salary	0	0	0	0	0
postdoc	0	0	0	0	0
graduate student	0	0	0	0	0
travel	0	0	0	0	0
publications	0	0	0	0	0

Do you have any thoughts or concerns about this hypothetical seed funding system which are not covered by the questions above? \*

Your answer

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