



National Oceanic and Atmospheric Administration
Science Council

NOAA SCIENCE COUNCIL MEETING

April 18th, 2023

11:00 AM to 12:30 PM EST

Google Meet

MEETING MINUTES

ATTENDEES

<p><i>Executive</i> Sarah Kapnick, Chair Steve Thur, Vice Chair Saiontoni Sarkar, Exec Sec Celina Harris, Exec Sec</p> <p><i>Principal</i> Eric Bayler, NESDIS (alternate) Gary Matlock, OAR Kristen Koch, NMFS Lonnie Gonsalves, NOS (alternate) Kevin Garrett, NWS (alternate) Randall TeBeest, OMAO</p> <p><i>Advisory</i> Alison Krepp, Social Science Committee Co-Chair Cynthia Decker, Scientific Integrity Committee and NOAA Science Advisory Board Executive Director Frank Indiviglio, CIO Representative Gary Matlock, LOTMC and RDEC Chair Lonnie Gonsalves, Line Office Transition Managers Committee Chair Deirdre Clarkin, NLAC Chair Tony LaVoi, Chief Data Officer</p>	<p><i>Other Attendees</i> Joseph Fillingham, OAR Ahira Sanchez-Lugo, NESDIS Alexandra Neal, OAR Beth Norton, OFA Debbie Sinmao, OFA Ishrat Jabin, OAR Jennifer Fagan-Fry, OAR Jessica Morgan, NESDIS Joan Segal, OAR Julie Price, NESDIS Laura Newcomb, OAR Melissa Yencho, NMFS Micahel Liddel, NMFS Monica Grasso, OFA Roxie Allison-Holman, GC Tyler Christensen, NESDIS Terence Lynch, OAR OMAO PCO</p>
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APPROVAL OF MINUTES AND REVIEW OF ACTION ITEMS

Notify Exec Sec at science.council.execsec@noaa.gov within two weeks of the following meeting if any changes to the minutes are needed. Minutes from the March 14 NOAA Science Council meeting were **approved**.

CHAIR ANNOUNCEMENTS:

- The Chair deferred discussion leading to the Vice Chair.

MINUTES

- Consider the March Science Council meeting minutes **accepted**.

ACTION ITEM REVIEW

- The Exec Sec reviewed all current action items.

BRIEFINGS: Briefing materials are available in the Science Council Meetings 2023 folder on Google Drive.

Annual Institutional Repository Briefing: Jennifer Fagan-Fry

Informational

The NOAA libraries present annually to the Science Council. Their largest project of the past year was the transition of the National Sea Grant Library from the U Rhode Island. Additionally, the creation of a new method of submission of material directly to NCL will bolster PARR compliance for the SG program and this consolidation will save ~\$200,000 annually. Submissions metrics, NOAA IR material ingestion, IR page views, and compliance rate were discussed. Next steps for the library were highlighted. Additionally it was noted that currently only 40% of NOAA's publications are OA and these are the only things that the library can harvest. The other 60% would require manually author supplied manuscripts to reach compliance within the library system.

Discussion

Emphasis was placed on the need to increase addition of items to the institutional repository to achieve greater compliance. 508 compliance was noted to be a nonissue for getting items into the IR. Projections of 70-75% compliance provided in the slide deck does not take into consideration new OSTP requirements. The OSTP guidance, from the libraries' perspective, indicates a plan in place for moving towards all federally funded research being open access by FY25, not a requirement for meeting 100% open access. They believe that OSTP's focus is more on implementation than reaching compliance rates. It was also noted that Gold Open Access, the pricer publication option, allows for independent harvesting of data, whereas Green Open Access requires authors to submit a manuscript manually to the library. While Green OA accounts towards the OSTP guidance, it would not necessarily increase our compliance percentage.

It was noted that NMFS, through their Research Publications Tracking System, had developed a compliance dashboard that can show submissions to the IR through RPTS by office. A question was raised on the possibility of a semi-annually report of submitted articles that are 6, 9, or 12 months beyond their submission dates being composed to help provide insight on this compliance piece. It was proposed that this could be a semi-annual or quarterly report by Science Council exec sec as a result of an Action Request to LOs on their compliance over certain time periods.

The cooperative institutes were noted for having a higher compliance rate than our line offices. This results from the need for their reporting as part of their agreements. Every summer, they submit a list of submissions as part of an RPPR, the libraries then identify the OA objects and notify the CIs of items that need a manuscript and they get a decent response rate from this request. It was noted that copyrights and transfer agreements can complicate this process however. A question was raised as to if this is something that could be implemented into requirements for granting programs (such as Sea Grant when research awards are funded directly through NOAA). This could be a challenge as award periods and publication timelines often don't match. A suggestion was to see the Open Science Open Data report from the SAB for recommendations.

Public Access to Research Results (PARR Briefing): Michael Liddel

Informational

The PARR working group was established by SC in December 2022 in response to the OSTP guidance from August 2022. The working group is providing a periodic update as part of this work. Given the far reaching nature of the OSTP memo, a handful of new policies will be needed to reach the memos expectations. The current status of the working group is that a full membership has been identified and the kick-off meeting will be in the next few weeks. The working group will loop in subject matter experts as the need develops. Their next deliverable will be at the end of next year.

Discussion

There was confusion associated with the timeline provided. From the OSTP memo, with regards to their guidance, it left room for improvisation and the working group is hoping to obtain feedback from OSTP on work plans. In recognition that timeliness is important, the working group also noted that they will be moving as quickly and efficiently as possible, but recognize that other issues may arise beyond the scope so they hesitate to promise an earlier timeline than that which was laid out. NOAA is situated in a good location for implementation, however, because they were included in PARR1 so responding to PARR2 should be benefited from this previous experience. There was additional discussion on how funding compliance will be achieved and the need to scope costs associated with different avenues. The Working Group mentioned guidance from the Science Council on how to move forward with resourcing would be appreciated. It was suggested that a direct bill may be worth pursuing, while highlighting that cultural changes to emphasize a culture of open science would also benefit this effort without direct needs for funding and a deeper consideration of social sciences may be needed in building that culture.

Data Governance Update: Tony LaVoi

Informational

This update was not time sensitive, nor decisional. To ensure a full discussion of the PARR WG and save time for the decisional item on the agenda, this was postponed to a later meeting.

Institutional Research Forums FFO: Laura Newcomb

Decisional

The Institutional Research Forums grant is the mechanism through which NOAA has supported NAS's Ocean Science board and Board on Atmospheric Sciences and Climate. This grant has been supported since 2014 and is set to expire at the end of FY24 (August 2024). This process requires funding from each LO via direct bill which means that the Science Council needs to decide renewal strategy now. NOAA supports 40% of the BASC project costs and 30% of the OSB's project costs. This funding will support regular board meetings, institutional oversight, newsletters, operational expenses, and staff travel for other communications. Decision needed by Thursday COB.

Discussion

It was noted that the amount that currently is spent towards these two boards is greater than the contribution to NOAA's own Science Advisory Board and the activities under these three organizations are similar. The NAS funding additionally supports institutional oversight which the SAB does not have. There is not a clear picture of any year to year roll-over that may exist within NOAA's NAS funding. This is not something which is reported, and given the quick turnaround, it is not possible to get that information prior to this briefing. It was also noted that it would not be easy to augment the amount awarded through this grant midway though and to maximize administrative efficiency, it makes the most sense to maintain a 5 year awarding period.

A vote was taken, with 2 alternatives opting to respond via email after discussion with the primary representatives from their LO.

ANNOUNCEMENTS

- The next NOAA Science Council meeting is on **May 16th 2023, at 10:30am - 12:30pm ET**

ACTION ITEMS

Science Council: This spreadsheet lists all current open action items currently assigned to the Council. Additional information for each entry can be found in the original email assigning this task. If you have any questions, please email science.council.execsec@noaa.gov.

Date Assigned or Action Number	Subject Line	Assigned To	Due Date	Status
20220531	State of the Science Factsheet on Emerging Technologies	S&T Synergy Committee	March 29	Initial review closed.
20220510-01	Cooperative Research Committee ToR	Group of NSC principals and advisory members	TBD	The group is following up on the motion proposed by Gary Matlock at the May Science Council meeting
20220830	Science Council ToR	NSC/NEP	TBD	Approved by NEP, awaiting NEC review
20221104-2	SoS Fact Sheet - Drought	NIIDIS	TBD	Working on updating first draft
20221107	SoS Fact Sheet - Tornadoes	NSSL/NWS	TBD	Working on updating the first draft
20230303	FY25 SRGM	NSC	March 17	Showstopper review complete.
20230403	Feedback on the NCAI Annual Presentation Recommendations	NSC	April 17	Review in process.
20230404	NSTC Select Committee on Artificial Intelligence - Red Flag Review of AI R&D Strategic Plan	NSC	April 10	Red flag review complete.
20230414	MOU/MOA NAO Revision Task Force	NSC	TBD	Task Force nominations due 04/28/2023
20230417	NAS Progress Report	NSC	May 5	Review in process.