



NOAA SCIENCE COUNCIL MEETING
August 16, 2022
10:30 AM to 12:30 PM EST
Google Meet

MEETING MINUTES

ATTENDEES

<p><i>Executive</i> Sarah Kapnick, Chair Isha Renta, Exec Sec Anita Harrington, Exec Sec</p> <p><i>Principal</i> Mitch Goldberg, NESDIS Fiona Horsfall (alternate), OAR Evan Howell, NMFS Steve Thur, NOS Steve Smith, NWS OMAO PCO (alternate), OMAO</p> <p><i>Advisory</i> Cynthia Decker, Scientific Integrity Committee and NOAA Science Advisory Board Shannon Louie, Cooperative Research Committee Natasha White, Office of Education Liaison</p>	<p><i>Other Attendees</i> Abigail Arnold, OAR Melissa Yencho, NMFS Elizabeth Gugliotti, OAR Joseph Fillingham, OAR Kelly Wright, Suzi Webster, Debbie Sinmao, Lincoln Rehm, Jessica Morgan, Terence Lynch, OAR Genevieve Lind, Joan Segal, Daniel Melendez, Nicole Kurkowski, Julie Price, NESDIS Jennifer Fagan-Fry, OAR Ishrat Jabin, OAR Sarah Davis, Tyler Christensen, Wayne Mackenzie, OAR Laura Newcomb, OAR Victoria Moreno, OAR Eric Bayler, NESDIS Annette Hollingshead, OAR</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 July 19th NOAA Science Council meeting were **approved**. The Exec Sec reviewed all current action items (TAB 3).

CHAIR ANNOUNCEMENTS:

<http://sciencecouncil.noaa.gov>

None

BRIEFINGS: Briefing materials are available in the Science Council Meetings 2022 folder on Google Drive.

Briefing/Update from RDEC & Library on PARR Compliance – Jennifer Fagan-Fry; introduction from Eric Bayler
In June 2022 recommendations to improve PARR compliance were reviewed and updated by the RDEC. Some of the recommendations include email communications from leadership, continuous communication from lab and programs, the Library providing targeted local outreach and include information on cost saving using IR NOAA-wide publications training to cover PARR, updating NOAA Policy Language to explicitly state responsibilities of authors. Once the OSTP memo is published, an update to the PARR plan will be needed within 180 days. **The Science Council principals can have a draft of the OSTP memo if requested.** The recommendations also include establishing RPTS reminders and a quarterly list of publications - all journal articles and other NOAA pubs added into IR by LO (this is available in the google drive folder 'parr compliance'). The Library is also working on an annual list of NOAA funded and NOAA authored publications. This will be available FY23 Q1 (there is a lag in the indexing process). The RDEC and Library recommend establishing an overall end goal for PARR compliance and it would be a range goal over a period of time such as a 15% increase in the next year and then 10% the next year. When establishing goals, there are a few considerations, the further away from a publication date you move, the less likely you are to get that publication. The current PARR compliance rate is 35% - an example of a final goal would be 75% at the end of FY26 but there would be benchmarks each year.

Discussion:

NWS asks if addressing the backlog was worth it. NWS output is an order of magnitude lower than OAR and their ability to move the needle will be small. NWS is willing to work on the backlog but the reality is that their output is much smaller and their R&D is spread out across every forecast office. Getting a process in place that is comprehensive is challenging. Jenn Fagan-Fry responds that the Library would like to work with NWS in any way they can. The key thing that the Library wants to do is figure out the best way to move forward. NWS cautions that this is the worst timing to consider an 'aggressive schedule', NWS is treading water just trying to keep afloat with the new policies and bills and can't take on anything else unless it is related to execution of those funds. NOS thanks the Library for the upcoming annual list of NOAA publications and asks if this first delivery will be for FY23 or from 2015? Jennifer Fagan-Fry responds that it will be cumulative from 2015, each year after that it will be adding on the new additions. Staffing is a concern for the Library as well and this was brought this up to OSTP. The Chair asks if there language being added to CPO and WPO to ensure compliance to our external bodies as well? There is language added to all the terms and conditions, with the new PARR updates, there is an opportunity for that language to be strengthened. The Chair asks when these quarterly lists of publications come out, is this for all of NOAA or will individual LOs be called out? Jennifer Fagan-Fry responds that tracking compliance per LO is tricky and imperfect. NMFS suggests making PARR compliance as simple as possible and points out that the process is not very quick.. NMFs asks, if the leadership messages all have equal weight, how do we prioritize? NOS points out that with Cooperative agreements, publications continue for years even when the grant year ends. This is a struggle to continue to track their publications since there is no mechanism to go back and track.

R2O transitions for FY22Q2: Steve Smith and Nicole Kurkowski

Nicole Kurkowski, LOTMC Exec Sec, reviewed all projects that transitioned in Q2 including 9 NESDIS transitions, 3 OAR projects, and 5 from NWS. 11/17 projects have transition plans.

Discussion

NWS does not have transition plans but NWS is working on incorporating those internally.

NWS states that this is evidence of continual maturation in this area and how we describe the transitions. NWS states that when we have internal transitions, granularity is something we need to be more clear about. There are cross LO transitions and the right thing to do is acknowledge that 2 or more are involved and get away from the fact that one LO is going to claim credit, the partnerships need to be acknowledged

America's Seed Fund powered by NOAA: An update on NOAA's Small Business Innovation Research Program:

Dr. Genevieve Lind; introduction from Kelly Wright.

Kelly Wright introduces TPO as a research support office within ORTA/OAR. TPO serves all of NOAA's Line Offices. TPO is NOAA's primary interface with the private sector and overseas TTP and SBIR. After engaging across NOAA, TPO found that some people are not aware of NOAA's SBIR program. The new name of the SBIR program is America's Seed Fund. Congress mandates based on the agency's budget: 3.2% of budget must be for SBIR program. There are 11 agencies with SBIR programs (4 billion in funding a year). There is a broad program goal to encourage women to participate in entrepreneurship. The SBIR program provides benefits for small business: early stage support and ability to retain intellectual property rights. There is a rigorous review process and the award provides additional collaboration and funding opportunities. NOAA is looking for highly innovative projects that have potential for commercialization that fit within NOAA's mission. The program's new focus is empowering diverse entrepreneurs. This is moving away from very specific topics and moving towards more broad topics to meet NOAA's mission. Priority is given to projects that focus on S&T focus areas. How can NOAA help the SBIR program achieve its mission? Helping select the most innovative technologies by serving as a reviewer for proposals. When NOAA experts share their expertise, NOAA is better able to fund impactful projects. The reviewer interest form is on the website.

<https://techpartnerships.noaa.gov/sbir/awardee-resources/reviewers/>

The SBIR program has training opportunities for each LO and they will be hosting events to learn more about SBIR funding opportunities. Please reach out to the team if there is a technology you would like to support.

Discussion

NOS suggests longer lead times for when the office needs reviewers. NOS also mentions the application of the SBIR assessment to special project or community based funding; NOS was informed 2.5 weeks ago that the SBIR assessment will be applied to earmarks but the assessment must be paid by the base funding from the program administering the earmark. This would decrease the willingness for the program to administer the earmark. The Chair is unaware of this issue. Kelly Wright says that the NOAA budget office would have more information on this. NOS will follow up with the Chair. The Chair reviewed the SBIR link, and asked if we can expand the reviewers to outside NOAA to be more welcoming to folks outside NOAA like climate investors. That could take the burden off some of the scientific review. OAR responds that would be great because we want to build the economy and promote commercialization, right now we have a NOAA phase 1 and phase 2 projects that UxS supported as a phase 3 project which is doing offshore air quality assessments and data analysis (55lb drone carrying NOAA payloads). This is an example of a successful project. The Chair asks that folks continue to think about ways the Council can assist in finding reviewers and helping the SBIR program be as successful as possible.

ANNOUNCEMENTS

- The next NOAA Science Council meeting is on **September 13th at 10:30am - 12:30pm ET** via Google Meet where the Council will be receiving updates from each committee.
- NOS suggests that longer conversations be had with each committee over the course of the next few months. NMFS agrees.
- The Council decides that there will be two committees presenting their updates each month for the next few months.

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
20220426	DEI Integration Best Practices	NSC	August 2021	The first round of review is complete and comments were addressed. Will be sent out for final review next week
20220531	State of the Science Factsheet on Emerging Technologies	S&T Synergy Committee	TBD	In the process of being drafted
	Social Science Committee Terms of Reference	Social Science Committee	TBD	In final review process
20220510-01	Cooperative Research Committee ToR	Group of NSC principals and advisory members	Update by August 2021	The group is following up on the motion proposed by Gary Matlock at the May Science Council meeting
20220719	New Rollout Plan for SoS Fact Sheets	Exec Sec	August 2022	Final drafting stages
20220808	NAO 216-115B Handbook	RDEC	August 29th	Showstopper review sent out (8/8)
20220810	Showstopper review of Methane SoS Fact Sheet	OAR	August 24th	Showstopper review sent out (8/10)