



# National Oceanic and Atmospheric Administration

## Science Council

### CALL-IN INFORMATION

This meeting will be held remotely. Please view your calendar entry to join this meeting via Google Hangouts and/or to join by phone.

### 1. BUSINESS (10:30 AM – 10:35 AM)

**Minutes** [Tab 2]

**Action Items** [Tab 3] & **Chair Announcements**

### 2. BRIEFINGS

- **S&T Synergy Committee Update** – *Kelly Goodwin*  
10:35 AM – 11:00 AM (25 min)  
*Informational* [Tab 4]
- **Fire Weather Testbed Tasker**– *Nicole Kurkowski*  
11:00 AM – 11:15AM (15 min)  
*Informational* [Tab 5]
- **Data Governance** – *Tony LaVoi*  
11:15 AM – 11:40 AM (25 min)  
*Informational* [Tab 6]
- **Discussion on CIC membership** - *Cisco Werner, Chair; Gary Matlock, OAR*  
11:40 AM - 12:00 (20 min)  
*Directional*

### SUMMARY AND ACTION ITEM REVIEW

- **Announcements** – *Executive Secretariat*

### ADJOURN

SCHEDULED BRIEFINGS	Title	Presenter	Sponsor	Category
June 14	Draft NLAC strategic plan	Deirdre Clarkin	Chair	Informational
June 14	Briefing/update from RDEC on PARR compliance	Jenn Fagan-Fry	Chair	Informational

<b>June 14</b>	UMC – NMB Transition	Eric Bayler/Jenn Mahoney	Chair	Discussion
<b>June 14</b>	Marine Carbon Dioxide Removal	Michelle McClure	Chair	Informational

## NOAA SCIENCE COUNCIL MEETING

April 12, 2022

10:30 AM to 12:30 PM EST

Google Meet

## MEETING MINUTES

### ATTENDEES

<p><i>Executive</i></p> <p>Cisco Werner, Chair Isha Renta, Exec Sec Anita Harrington, Exec Sec</p> <p><i>Principal</i></p> <p>Mitch Goldberg, NESDIS Gary Matlock, OAR Evan Howell, NMFS Randall TeBeest, OMAO Steve Thur, NOS Steve Smith, NWS</p> <p><i>Advisory</i></p> <p>Deirdre Clarkin, NOAA Libraries Advisory Committee Cynthia Decker, Scientific Integrity Committee and NOAA Science Advisory Board Shannon Louie, Cooperative Research Committee Hendrik Tolman, Council of NOAA Fellows Frank Indiviglio, Chief Information Officer Natasha White, Office of Education Liaison</p>	<p><i>Other Attendees</i></p> <p>Fiona Horsfall, OAR Melissa Yencho, NMFS Joseph Fillingham, OAR Julie Price, NESDIS Eric Bayler, NESDIS Jennifer Fagan-Fry, OAR Terrence Lynch, OAR Victoria Moreno, OAR Ishrat Jabin, OAR Beth Norton, OFA Brooke McHansen, NESDIS Pam Heinselman, OAR Wayne Mackenzie, OAR Annette Hollingshead, OAR Genevieve Lind, OAR Nicole Kurkowski, NWS Bob Kuligowski, NESDIS Francis Choi, OAR James Jenkins, OAR Jeffrey Weirich, NWS Mackenzie Solomon, HDQ Mamoudou Ba, NWS Margo Schulze-Haugen, NOS</p>
--	--

## APPROVAL OF MINUTES AND REVIEW OF ACTION ITEMS

Notify Exec Sec at [science.council.execsec@noaa.gov](mailto:science.council.execsec@noaa.gov) within two weeks of the following meeting if any changes to the minutes are needed. Minutes from the March 15th NOAA Science Council meeting were **approved**. The Exec Sec reviewed all current action items.

#### **CHAIR ANNOUNCEMENTS:**

- None

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

#### ***GeoCollaborate – Dave Jones and Ellen Prager, Storm Center***

Fiona Horstall opens the meeting with an introduction to SBIR. Dave Jones from Storm Center introduces Ellen Prager. The presentation focuses on getting access to data and delivering into a decision making environment. How can fed agencies access and share data? The GeoCollaborate site locates data and is shared across all users, unifies the disparate locations to a common place, provides a one to one synchronous environment, and identifies trusted data sources for analysts and users.

Examples for NOAA using GeoCollaborate:

- Working with AOML/HRD using it on the P3 and G-IV, and to use ocean obs, identify dropsondes with ocean observing platforms
- With GOMO - ocean observing task team - keep track for ocean assets on advisories for tropical storms, and getting the data to NWP
- National Water Center uses GeoCollaborate to communicate with state officials
- NOAA JPSS - early adopter for fire and flood, Trop Storm, river & ice, used with partners

#### ***Discussion***

NMFS suggests that the GeoCollab team talk with Toni Lavoie and Joe Pica from NCEI and the team informs them that they have provided the presentation to Toni and the NOSC, will check with NCEI. NESDIS has been supporting this and suggests that each LO look for the shortfalls and see how geocollaborate would improve that interaction working with other federal agencies. GeoCollab team says we have learned a lot. Simply making data available is not sufficient, but when you explain to them what the data means, it opens a world of possibilities for them. GeoCollab has already spoken with Dr. Spinrad and are investigating IDIQ possibilities. OMAO asks, what are your thoughts on the types of data available at any time... what about other platforms like NOAA vessels? Think of Geocollab as an access server - sends the commands to all followers where is the data. The data is accessed from any follower from any source. For example, Vessel tracking - Geocollab could add that, there may be a fee, but it can be available. Datasets are not downloaded or saved. If the ship is providing data and as long as it is in the right format, GeoCollaborate can use it.

#### ***Review of NAO Scientific Integrity– Cynthia Decker, Science Advisory Board***

Cynthia presents the slides which cover the updated NAO which has not been revised in 9 years. There is a new Presidential memo on SI so this is very timely.

#### ***Discussion***

The Chair asked the Council to please make the time to review this. Council member questions what the word 'dissent' means in this case? Pre-print matters? Cynthia explains dissent has not come as a question, but she is happy to do the research on the processes from other agencies.

**ACTION:** NSC to review the NAO by April 26th

***LOTMC Quarterly Transition Update for FY21Q4 and FY22Q1– Nicole Kurkowski, LOTMC exec sec***

## Briefing on the Q4-FY21 and Q1-FY22 Transitions

### *Discussion:*

The Chair asks, are you seeing a steady state in the transitions? OAR responds that the trend is upward but not a steep slope. OAR would argue that the number of projects that are getting transitions is underestimated as they are not all in NRDD. NWS points out that the Council has spoken about this before, NWS is at 100% kudos to Nicole for making that possible. The Chair points out that numbers for NMFS may be underestimating. NMFS agrees that may be possible - it may be that they need to learn how to leverage NRDD better. NESDIS agrees, they may need to socialize NRDD better. NWS says the RLTF is making a lot of effort on this information and how to do knowledge transfer.

### **LOTMC - Transition Plan Cleanup - Update** – Nicole Kurkowski, LOTMC exec sec

The Science Council tasked the LOTMC with providing a summary of current existing transition plans and identifying what needs to be updated, as well as clean up stray plans, based on feedback from Dr. Spinrad. They found out of **183 transition plans**

- **146** were fully signed
- **25** plans were not transition plans
- **11** plans were missing signatures
- **1** was associated with a broken NRDD link.
- The LOTMC recommends providing Dr. Spinrad with an **updated “notebook” of transition plans** along with the **updated summary of transition plans spreadsheet**, and the **summary of clean-up activities**.

### *Discussion*

The Chair asks what timeline do you recommend to respond to Spinrad? Nicole responds with ASAP.

OAR says it is pleasing to see the engagement on this topic and we have a great story to tell. OAR has two suggestions to further the notion: 1. Quarterly report - add how many projects have transition plans? If not, should we not consider them? It would be powerful to add what difference it makes to model improvement to increase efficiency? Would generating a new model improve the hurricane prediction? Improve sustainability of turtles? Useful to know the R&D transition is helping the future. Why is the transition being done and what difference is it making? OAR would like to identify ORTA on the work they are doing about implementing these tools to make it easier and understandable.

**ACTION: NSC and LOTMC respond to Dr. Spinrad with updated transition plans and activities through a memo.**

### **NOAA NSF Summit** - Cisco Werner

The Chair provided an update on the NOAA-NSF Summit. Originally, it was planned for early Summer but the decision was made to push it until September to allow for more time to plan and prepare. Additional topics may be added.

## **ANNOUNCEMENTS**

- The next NOAA Science Council meeting is on **May 10th at 10:30am - 12:30pm ET** via Google Meet.

## 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 [oar.rc.execsec@noaa.gov](mailto:oar.rc.execsec@noaa.gov).

Date Assigned or Action Number	Subject Line	Assigned To	Due Date	Status
20181009 - 7	State of the Science Fact Sheet - Oceanic Extreme Events: Marine Heatwaves	NMFS	12/18/2018	Approved by the Chair and posted to Science Council Website
	State of the Science Fact Sheet - Air Quality	OAR	Dec 23rd	Approved by the Chair and posted to Science Council Website
20200211 - 7	Update to SoS fact sheet on stock assessment	NSC	End of 2020	Sent through CCU for approval
20210713 - 01	New State of the Science fact sheet on methane for climate change	OAR	End of 2021	Review concluded April 8th
	State of the Science Fact Sheet - SLR and Coastal Inundation	NOS	03/09/2022	Showstopper comments will be compiled and addressed.
20210921 - 01	Transition Reports	LOTMC	March 2022	Science Council will receive updates in April
20211109 - 01a	Hiring Managers Seminar	NSC & OEd	March 2022	NOAA Science Council co-sponsor a seminar with the Office of Education. The first seminar was successful. Planning for the next seminar has begun.
20211109 - 02	UxS Transition Plan on Stalled Transitions	OAR & OMAO	February 2022	OAR and OMAO to develop a draft UxS transition plan to push the issue of stalled transitions forward