



**NASA Carbon Monitoring System
(CMS) 2022 Applications Workshop Preparation Call**
Thursday, August 25, 2022
3:00 – 4:00PM Eastern Time

Via Microsoft Teams – See Link in Calendar Invite

AGENDA

Welcome & Introduction: Workshop Goals & Expected Outcomes
George Hurtt, CMS Science Team Lead – 12-12:10pm

Workshop Agenda & Format; Stakeholder Panels; CMS Cross-Cutting Theme
Panels; Moderators Role; Speaker Guidelines
Edil Sepulveda, CMS Applications Coordinator – 12:10-12:25pm

Workshop Logistics, & Registration
Peter Griffith or Natalie Sharpe, NASA's Carbon Cycle & Ecosystems Office –
12:25-12:30pm

Questions & Discussion
All – 12:30-12:50pm

Closing Remarks & Next Steps
George Hurtt & Edil Sepulveda – 12:50-1:00pm

To register or for more information on the CMS Science Team Meeting & Applications
Workshop please visit: https://carbon.nasa.gov/meeting_2022/index.html

Workshop Agenda Format – Day 1 (Sept 26)

Time (EDT)	Title	Presenter
08:00	Meeting Registration & Check-in Meet & Greet / CMS Hyperwall Background Presentation	
09:00	Welcome, Logistics & Code of Conduct	Peter Griffith
09:10	Welcome from NASA HQ	Ken Jucks, Hank Margolis, Laura Lorenzoni, and Mike Falkowski
09:20	Welcome by CMS Leadership	George Hurtt
09:35	CMS Applications Overview	Edil Sepúlveda Carlo
09:45	Panel Discussion: The Role of Remote Sensing & CMS Science in COP27 <i>Moderator: Ben Poulter, NASA Goddard</i> <ul style="list-style-type: none"> Stephane Germain, <i>GHGSat, Inc.</i> 	
10:45	Coffee Break & Networking	
11:00	Biomass Stakeholder Panel <i>Moderator: Robert Kennedy, Oregon State University</i> <ul style="list-style-type: none"> Jeremy Klass, <i>Natural and Working Lands Coordinator, New Mexico Energy, Minerals and Natural Resources Department – Hurtt (CMS 2020)</i> Ian Prior, <i>Seven Islands Land Company – Hayes (CMS 2020)</i> Sigit Sutikno, <i>Head of Center for Disaster Research (PSB), Riau University, Indonesia – Cochrane (CMS 2018)</i> Peter Gould, <i>Washington Department of Natural Resources – Hudak (CMS 2018)</i> 	
12:00	Atmospheric Flux Stakeholder Panel <i>Moderator: Riley Duren, University of Arizona</i> <ul style="list-style-type: none"> Stefanie Rucker, <i>Colorado Dept of Public Health and Environment – Duren (CMS 2018)</i> Adam Chambers, <i>USDA–NRCS Arkansas Office – Runkle (CMS 2020)</i> John Steller, <i>U.S. EPA – Davis (CMS 2020)</i> Julian Reyes, <i>USDA Climate Hubs – Bandaru (CMS 2020)</i> 	
01:00	Lunch Break	
02:00	Oceans and Wet Carbon Stakeholder Panel <i>Moderator: Lisamarie Windham–Myers, U.S. Geological Survey</i> <ul style="list-style-type: none"> David D'Amore, <i>USDA Forest Service – PNW Station – Moskal (CMS 2018)</i> Jamie Collins, <i>EDF</i> 	
03:00	Panel Discussion: Agency/Interagency Priorities on Carbon Monitoring <i>Moderator: Molly Brown, University of Maryland</i> <ul style="list-style-type: none"> Philip Duffy, <i>White House OSTP (remotely)</i> Argyro Kavvada, <i>NASA</i> Stephen Volz, <i>NOAA</i> Gyami Shrestha, <i>U.S. Carbon Cycle Science Program</i> 	
04:00	Coffee Break & Networking	
04:15	Breakout Sessions between CMS Pls & Stakeholders 1–Biomass / Discuss COP27 & Interagency Opportunities 2–Atmospheric Flux / Discuss COP27 & Interagency Opportunities 3–Oceans and Wet Carbon / Discuss COP27 & Interagency Opportunities	
05:00	Group Photo	
05:15	Plenary to Discuss Breakout Groups <i>Each Breakout Group Rapporteur will provide a 5-minute summary presentation of their discussion. We will then have 15 more minutes for plenary discussion.</i>	
05:45	Next Steps & Adjourn	George Hurtt
06:30/ 07:00	Social Happy Hour & Dinner — Location TBD	

Stakeholders – Need to Know

- 1- Register: https://carbon.nasa.gov/meeting_2022/registration.html
- 2- Please also complete the Stakeholder Registration Questionnaire
- 3- Prepare a 10-minute power point presentation for the Panel
- 4- The slides should be submitted by **Wednesday, September 21**
(You will be able to upload the files in the meeting website – link to be provided)

Stakeholder Speaker Guidelines

Stakeholder panelists should address the following topics during their presentations:

- Overview of your organization and description of your work/role
- Any work / projects / efforts related to carbon monitoring & MRV of GHG
- CMS data products being used, or planning to be used, and how you access data
- What decisions the data will affect after integration in your organization
- Policy and decision-making timelines related to your work
- Benefits of CMS data products for your work/organization
- What scientific advancement(s) could contribute to your work?
- Next steps in your carbon-related work & potential collaboration areas with CMS community

***Note: It is not required to address all the topics, only the ones more relevant to your work.**

Steps:

1. There will be a preparation meeting on Thursday, August 25 from 3:00-4:00pm EST to discuss workshop logistics, presentation details, panel format, speaker guidelines and address any questions from stakeholders.
2. Stakeholder invited speakers should prepare a 10-minute power point presentation to present on the day of the workshop. There will also be a 20-minute Q&A/discussion session following the panel presentations. (Preferred format: PPT)
3. Stakeholder invited speakers should upload their files by **September 21** using the links under [My Account](#). (Please upload as a PPT).

***Note: Moderator to have discretion to identify commonalities and move discussion in right direction during Q&A session.**

Stakeholder Panel Format & Moderator's Role

- 1-hour Stakeholder Panel: 4 Speakers & 1 Moderator
- 10-minute stakeholder presentations followed by a 20-minute Q&A/Discussion session with the rest of the workshop participants
- **Moderators – To Keep in Mind**
 - Develop 2-3 Discussion Questions for the Stakeholder Panel – With the Help & Guidance from the CMS Applications Team.
 - Take a look and review the slides submitted by stakeholder panelists ahead of the workshop.
 - Keep speakers on time and leave 20 minutes for the Q&A/Discussion session with the rest of the workshop participants.
 - Moderator to have discretion to identify commonalities and move discussion in right direction during Q&A session.

CMS Cross-Cutting Theme Panels

- COP27 Panel: Moderated by Ben Poulter, NASA GSFC
- Interagency Panel: Moderated by Molly Brown, Univ of Maryland
- 1-hour panels with 3-4 panelists
- Suggested format:
 - Panel Introduction by Moderator - 3 minutes
 - 10-minute presentations by panelists
 - 1 discussion question from moderator to all panelists
 - 15-minutes Q&A to address questions from workshop attendees
- Moderators will reach out to panelists to agree on format, key issues to present and discussion questions.

Timeline Summary

- **August 17:** Registration for the meeting opens
- **September 4:** Hotel room block deadline
- **September 21:** Submit slides for stakeholder panels
- **September 26:** Day 1 of the CMS Science Team Meeting: Applications Workshop, 8:00 am – 6:00 pm ET (Social Dinner Afterwards)
- **September 27 & 28:** CMS Science Team Meeting: CMS science talks, poster sessions, breakouts, and discussion, 8:00 am – 6:00 pm ET – Stakeholders invited to stay for Days 2 & 3