
Interdepartmental Committee for Meteorological Services and Supporting Research (ICMSSR)

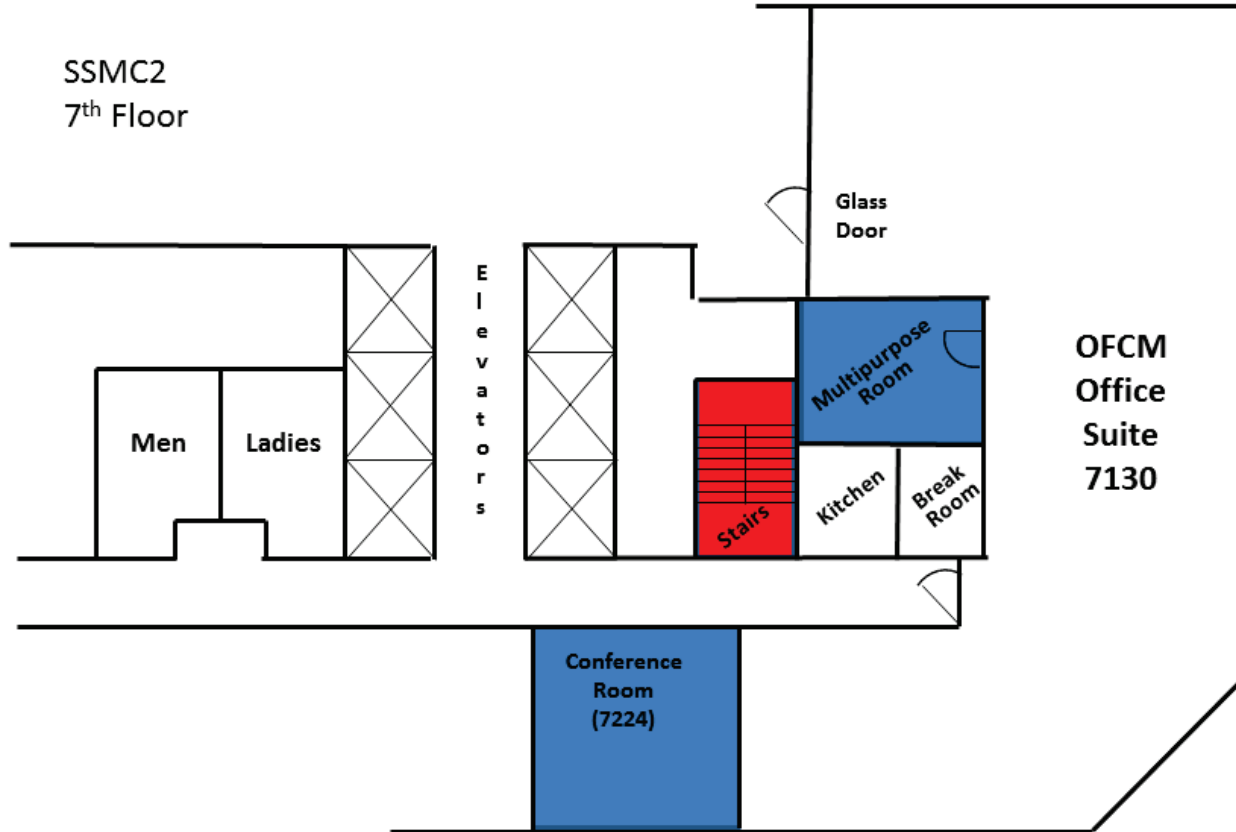
Meeting 2017-3

Sep 27, 2017

Administrative Info

- **Meeting will be recorded**
- **Facilities**
- **Telecon / GoToMeeting**
 - Dial-in 1-888-680-9581, passcode 535430#
- **GoToMeeting:** <https://global.gotomeeting.com/join/293418653>
- **Slides posted at:** <http://www.ofcm.gov/icmssr/meetings.htm>
 - **Please advise us of any sensitivities**

OFCM Floor Plan



Opening Remarks

Interdepartmental Committee for Meteorological Services and Supporting Research (ICMSSR)

*Mr. Craig McLean (NOAA)
Chair, ICMSSR*

- **Welcome**
- **Roll Call**
- **Approve Agenda & Record of Action.**

Today's Agenda

- **OPENING REMARKS:** Craig McLean (NOAA)
- **FEDERAL COORDINATOR'S UPDATE:** William Schulz (OFCM)
- **IMPLEMENTING THE WEATHER RESEARCH AND FORECASTING INNOVATION ACT: SECTION 402.:** William Schulz (OFCM)
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FEDERAL COORDINATOR'S UPDATE

Bill Schulz
Federal Coordinator

Federal Coordinator's Update

1. Federal Weather Enterprise Budget and Coordination Report (“BCR”)
2. Working Group for Disaster Impact Assessments and Plans (WG/DIAP) responses during HARVEY and IRMA
3. Tropical Cyclone Operations and Research Forum/Interdepartmental Hurricane Conference 2018
4. Observational Data Workshop
5. ICMSSR Chair replacement at next meeting
6. ICMSSR Committee Briefing Schedules

Federal Coordinator's Update

FY18 Federal Weather Enterprise Budget and Coordination Report (“BCR”) posted to OFCM publically available web site on 22 September 2017.

- Replaces the annual “Fed Plan.”
- Reviewed by OMB, who provided edits and requested additional information.
- President’s Budget Request (PBR) for FY18 was submitted on 24 May 2017.
 - This BCR was the initial run to get the format understood by all
 - 90 days from PBR to OMB
 - Goal for FY19: To OMB by PBR plus two weeks.
- For FY19 edition, OFCM will consult with OMB to generate guidance on reporting and comparing FY18 CR numbers.
- **Proposal: Formalize Report Compilation team as a Working Group.**



Working Group for Disaster Impact Assessments and Plans: Weather and Water Data (WG/DIAP)

Hurricanes Harvey and Irma Responses

Notifications: WG/DIAP alerted by group email: diap.alerts@noaa.gov with brief descriptions of HARVEY and IRMA; preliminary data collection plans and timelines; and a date/time for the first coordination conference call.

Conference Calls and Email Communications: Conference calls convened daily, supplemented by continuous email exchanges, to share response plans and facilitate group discussion on deployment activities.

- Targeted deployment zones and timelines
- Positioning/tracking/pre-staging of mobile sensors and identification of stationary systems
- Deployment issues (e.g. mobile sensor positioning, clearance/authorization, transportation, sensor recovery)
- Response actions changes due to track, intensity, and differing characteristics of each storm.

Working Group for Disaster Impact Assessments and Plans: Weather and Water Data (WG/DIAP)

Timeline:

7 to 5 days prior to forecast landfall

- WG/DIAP members began tropical activity evaluations and pre-planning.

5 to 3 days prior to forecast land fall

- Daily conference calls supplemented by group email exchanges to share common situational picture and discuss deployment plans

3 to 1 day (72-24 hrs.) prior to forecast landfall

- Daily conference calls continued supplemented by group email exchanges
- Mobile sensors deployed
- Members confirmed deployment plans and deployment locations

1 to 10 days following landfall

- Sensor recovery, data post-processing
- Collected data uploaded to members' online databases
- Data also sent to NESDIS/NCEI for archiving.
- Post-storm assessment activities (e.g. NIST, NOS/RSD)

Working Group for Disaster Impact Assessments and Plans: Weather and Water Data (WG/DIAP)

Benefits:

- User agencies/entities gain awareness of unique interagency data collection activities
- Opportunities arise for data sharing/complementary post-storm assessments and studies
- Unique and targeted sources of supplementary data at no additional federal cost (participants use their own funding sources).
- Practice for eventual COASTAL act collection protocols

HARVEY and IRMA Responses

System or Capabilities

HARVEY and IRMA Responses	System or Capabilities
USGS	Storm-tide network, Rapid Gauges Riverine Flood, Stream gauges
DOC/NOAA	
NOS/OCM	Pre-storm inundation maps and exposure analysis Pre-storm LIDAR and Digital Elevation Models
NOS/CO-OPS	Storm QuickLooks Product - post storm graphic
NOS/RSD	Hi-res Imagery - post storm Base line pre event oblique imagery Collected imagery
NWS	COASTAL Act Data Protocol NWS Operations Center
NESDIS/NCEI	Data Archive
DOC/NIST	
Leader, Structures Group	Post-storm Investigative Teams
Dir. Disaster & Failure Studies Pgm	
Director (Acting) National Windstorm Impact Reduction Program (NWIRP)	Coordination of Federal Post-Windstorm Investigations
NSF	
Program Director Physical and Dynamic Meteorology GEO Directorate	
Program Director Physical and Division of Civil, Mechanical & Manufacturing Innovation Meteorology ENG Directorate	Grants via Rapid Response Research funding mechanism (RAPID)
Digital Hurricane Consortium/American Association for Wind Engineering	
Civil and Coastal Engineering /University of Florida	FCMP instrumented towers - wind and rain monitors
University of Notre Dame	Wave and Storm Surge
Texas Tech University	Stick Nets
Oklahoma University	C-band dual-pol Radars
Purdue University	Portable Integrated Precipitation Systems
University of Alabama Huntsville	X-band dual pol Mobile Radar, Atm profiling sys
Center for Severe Weather Research - Boulder (CSWR)-Colorado	Mobile Radar, mesonets, pods
USACE	
ERDC/Coastal & Hydraulics Lab	In place gauges (wind, waves and water levels)

Federal Coordinator's Update

- Tropical Cyclone Operations and Research Forum/Interdepartmental Hurricane Conference 2018
 - Florida International University, 13-15 March 2018 (first time at this venue)
 - Agenda begin drafted, Ops focus this year (Research focus last year)
 - Supplemental funding requests forthcoming. (NSF, ONR, NWS/OAR)
 - National Hurricane Operations Plan working group meets during TCORF

- 2nd Observational Data Workshop
 - Still determining dates, targeting Spring/early Summer 2018



Federal Coordinator's Update

ICMSSR Chair replacement at next meeting:

Annual rotation of Chair (per Terms of Reference) due at next meeting.

Proposal: Set an agency rotation for Chair instead of having elections each year.

- Recommend next Chair be non-Commerce, non-Defense
- Exclude EOP agencies, and smaller agencies at their own request
- OFCM can develop rotational list
- Adjust ICMSSR Terms of Reference

ICMSSR Committee Briefing Schedules:

Proposal: Have one of the four major subcommittee under ICMSSR provide an update briefing at each ICMSSR meeting, according to the following schedule:

Fall: COES (Cmte. Operational Environmental Satellites)

Winter: COPC (Cmte. Operational Production Centers)

Spring: IWRCC (Interdepartmental Weather Research Coordination Cmte.)

Summer: CSCC (Climate Services Coordination Cmte.)

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Implementing Weather Act of 2017 § 402

Challenge: The 2017 Weather Act directs OSTP to establish “an Interagency Committee for Advancing Weather Services (ICAWS),” with duties including identifying, prioritizing, and coordinating top forecast needs, and sharing needs and improvements across agencies.

Recommendations:

- Use a similar construct as that used in 1962 when OMB was tasked by law to produce an annual meteorological services budget report – have EOP (OMB) assign the task to an existing relevant agency (DoC).
- Since the FCMSSR and the supporting federal weather enterprise coordination structure cover most ICAWS duties, assign the duties formally to FCMSSR, without creating another organizational entity.
- Have OSTP leadership issue this plan; adjust the FCMSSR charter to accommodate.

Proposed Action:

- ICMSSR approve the draft outline (provided in read-aheads) for submission to FCMSSR. Upon FCMSSR recommendation, EOP/OSTP will finalize a document requesting the Department of Commerce designate FCMSSR as responsible for the duties assigned to ICAWS.

Implementing Weather Act of 2017 § 402

Draft guidance from OSTP:

GUIDANCE

In lieu of establishing a new committee, the **Acting Director**, OSTP, seeks to designate the FCMSSR as the committee that will complete the responsibilities specified in PL 115-25 Section. The Acting Director seeks concurrence from the Department of Commerce on this designation and requests that the FCMSSR Charter be modified accordingly.

Weather Act of 2017 § 402

402. Interagency weather research and forecast innovation coordination

(a) Establishment

The Director of the Office of Science and Technology Policy shall establish an Interagency Committee for Advancing Weather Services to improve coordination of relevant weather research and forecast innovation activities across the Federal Government. The Interagency Committee shall—

- (1) include participation by the National Aeronautics and Space Administration, the Federal Aviation Administration, National Oceanic and Atmospheric Administration and its constituent elements, the National Science Foundation, and such other agencies involved in weather forecasting research as the President determines are appropriate;
- (2) identify and prioritize top forecast needs and coordinate those needs against budget requests and program initiatives across participating offices and agencies; and
- (3) share information regarding operational needs and forecasting improvements across relevant agencies.

(b) Co-Chair

The Federal Coordinator for Meteorology shall serve as a co-chair of this panel.

(c) Further coordination

The Director of the Office of Science and Technology Policy shall take such other steps as are necessary to coordinate the activities of the Federal Government with those of the United States weather industry, State governments, emergency managers, and academic researchers.

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SPACE WEATHER ENTERPRISE FORUM

2017 Space Weather Enterprise Forum

June 27, 2017 | National Transportation Safety Board Conference Center | Washington, DC

MENU

■ [Introduction](#)

■ [Registration](#)

This link takes you to a non-OFCM website

■ [NTSB Conference Center Information](#)

This link takes you to a non-OFCM website

■ [Hotel Information](#)

■ [Agenda](#)

■ [Conference Booklet](#)

■ [About Space Weather](#)

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PRESENTATIONS

[2017 Presentations](#)

[2015 Presentations](#)

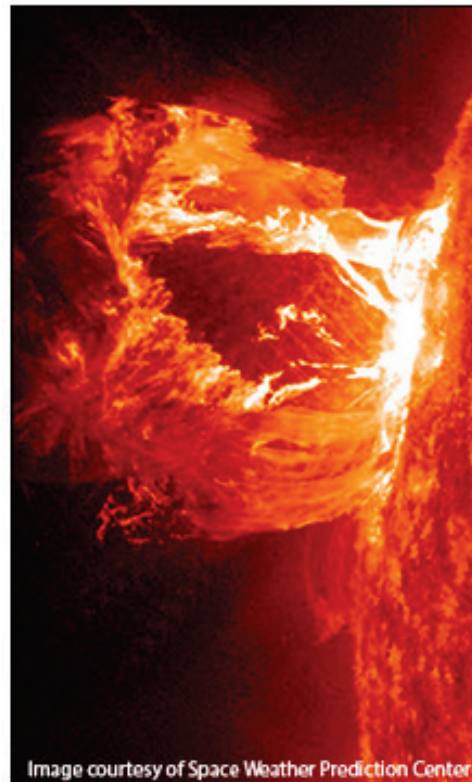


Image courtesy of Space Weather Prediction Center

Theme - Implementing the National Space Weather Partnership.

- Sponsored by USAF, The National Space Weather Partnership, and the Secure World Foundation
- Largest SWEF audience ever attended (250+)
- Outstanding agenda speakers
- First SWEF Post Session was a great success
- Broadest participation on SWEF Planning Team
- Government, Commercial, Academic Partnership supports Executive Order 13744 directive
- Presentations, transcripts, and report available through online OFCM.GOV

SWEF 2018 Proposal

Challenge: Although SWEF has been a useful education and outreach tool for Washington DC area space weather stakeholders, we have been challenge to accomplish two key objectives of the event

- Congressional interaction and participation
- International and foreign interest and participation

Recommendations:

- Coordinate SWEF with JHU-APL Space Environment Applications, Systems, and Operations for National Security (SEASONS) conference and DOS-OES Space Weather as a Global Challenge (SWG) meetings
- Conduct a full-day SWEF every other year alternating with the JHU-SEASONS conference in November
- Conduct a 2-4 hour SWEF session every other year on Capitol Hill to maximize Congressional participation.
- Time the SWEF events to leverage participation in SEASONS and SWGC

Proposed Action:

- Conduct the next SWEF event as a small Capitol Hill event in November 2018 in conjunction with SEASONS
- Hold the next full-day SWEF in November 2019 working closely with DOS-OES in for synergy with their SWGC conference.

Space Weather R2O – O2R

- As part of the Space Weather Operations, Research, and Mitigation (SWORM) Subcommittee activities in support of the National Space Weather Action Plan:
 - An Umbrella MOU between NOAA and NASA was signed on June 5, 2017 to support improvements of the interagency Research-to-Operations, Operations-to-Research capabilities
 - Annex A of the MOU documents agreement on several projects supporting the development of R2O – O2R capabilities
 - A draft interagency Space Weather R2O, O2R plan has been through agency approval and public review and is now await EOP publication.
 - Other agencies including NSF and DoD are supporting this development
- Once implemented, these projects should significantly improve the effectiveness and speed of the R2O – O2R cycle for the space weather centers
- These development have high priority within the EOP OMB and OSTP

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Strategic Plan for Federal Weather Enterprise Coordination

Through interagency collaboration and cooperation, including both formal and informal partnerships:

1. Improve the resolution, frequency, information content, and sustainability of global observing capabilities.
2. Make federal forecasting processes more resilient for all relevant time and spatial scales.
3. Improve interagency collaboration to support effective and consistent decision-support products, information, and services.
4. Conduct productive, synergistic interagency research efforts.
5. Develop, recruit, and sustain a diverse federal weather workforce.
6. Coordinate messaging about FWE priorities and needs.

Strategic Plan Proposed Way Ahead

Proposed Actions:

- Approve Strategic Plan for forwarding to the FCMSSR for final approval.
- Upon FCMMSR approval, direct FWE Committees and Working Groups to ready report of ongoing actions and existing plans within their subject matter areas that support the objectives of the Strategic Plan. Individual agencies will be given opportunity to add and/or comment.
- Include these summaries in FY19 Annual Report. (Recur annually.)
- ICMSSR (OFCM) conduct gap analysis and issue directions to Committees/Working Groups as appropriate.
- Beginning CY20, revise/review Strategic Plan (via Joint Action Group), issue in CY21 for FY 22-26.

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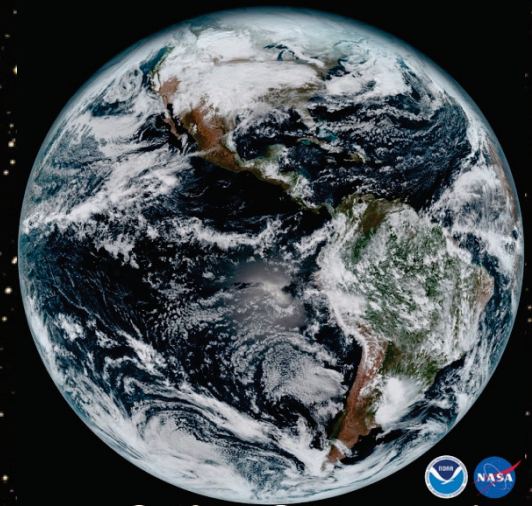
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Committee for Operational Environmental Satellites (COES) Update

*Interdepartmental Committee for Meteorological Services
and Support Research (ICMSSR)*

Meeting 2017-3

September 27, 2017

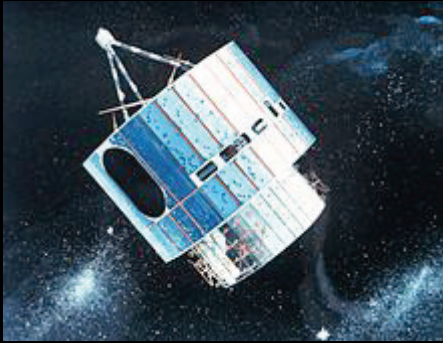


Overview



- Background
- Terms of Reference
- Activities / Issues / Interests
- Conclusion

Background



- **1982:** COES established as part of the FWE coordinating Infrastructure
- **1996:** COES deactivated after the NPOESS Senior Users Advisory Group (SUAG) was established
- **2010:** NOAA response to GAO 10-799, Recommendation 3 stated GOES-R would report status through OFCM to the interagency partners annually.
- **2013:** US Navy requested and ICMSSR approved COES be reactivated to provide interagency coordination of environmental satellite issues.
- **2014:** COES was re-established in 2014
- **2016:** GAO- 16-252R recognizes COES value:
 - “One potential vehicle for formalizing collaboration”
 - “DOD official have stated (COES) is one way DOD can connect with NOAA’s international affairs ”
 - “...we believe DOD should formalize its coordination and collaboration...through committees... such as COES..”



ToR: Purpose

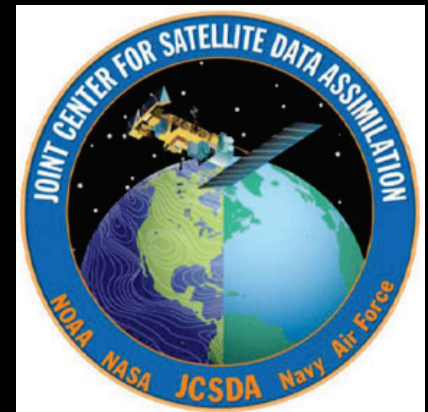
The COES shall advance the goals of the ICMSSR to achieve interagency coordination in planning for use of sustained environmental satellite systems to support federal meteorological and oceanographic operational services providers and their customers.



NOAA, NASA, and USAF
partner on DSCOVR



DMSP Operations at
NOAA NSOF



NOAA, NASA, DoD
Partnership in JCSDA

ToR: Objectives

- Ensure interagency review and coordination of approved requirements for operational environmental satellite programs.
- Promote an open dialog concerning environmental satellite systems development, satellite data systems architecture, continuity plans, data exploitation readiness plans.
- Consider potential use of research satellite capabilities to augment operational systems in meeting user needs, and plans to transition research data into operational products and new applications.
- Facilitate working-level relationships between Federal members and other stakeholders to effectively resolve interagency issues with regard to the availability of environmental satellite data and products from future systems.

ToR: Objectives

- Establish dialog with other standing groups currently engaged in various aspects of environmental satellite and data readiness and exploitation, including: USGEO, CEOS, CGMS, GOES User conference, and other relevant user groups.
- Coordinate with the Committee for Operational Processing Centers (COPC) on issues of mutual interest, i.e. data availability and data assimilation, and share information.
- Address other matters as directed by the ICMSSR.
- Provide regular updates to the ICMSSR and other elements of the Federal Coordination Infrastructure as necessary.

Participation

CoChairs



- NOAA
 - NWS (**Joe Pica**)
 - NESDIS (CoChair starting 2018: Ajay Mehta)
- DOD
 - Oceanographer & Navigator of the Navy (**Dave McCarren**)
 - HQ USAF Dir. of Weather (CoChair in 2019: Col Jeff Jarry)



Members/Participants:

- DOC: NOAA: NWS, NESDIS, OMAO
- DOD: USAF, USN, USA, AFSPC, USSTRATCOM, SMC, PDSA
- DOE: LANL
- DHS: FEMA, USCG
- DOI: BLM, USGS
- DOT: FAA, FHWA
- NASA: ESD, JASD
- NGA, NRO
- NSF: AGS
- USDA
- EOP: OSTP (Observers)

Activities, Issues, and Interests

Activities

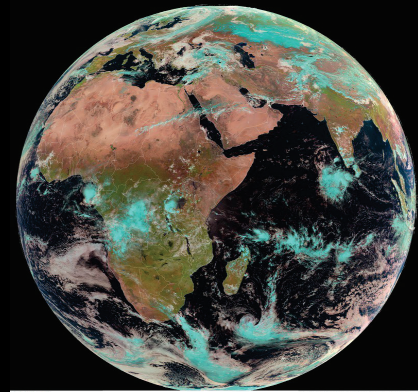
- Monitoring plans for environmental satellite programs
 - S-NPP, JPSS, GOES-R, COSMIC2
- Satellite Radio Frequency encroachment
 - Provided an Advocacy letter to ICMSSR
- COES ToR renewal
 - Signed on 3/17/2017
- Environmental Satellite Coordination Briefing to ICMSSR
 - Provided briefings to ICMSSR on 6/1/2016 and 9/29/2016
- Satellite Telemetry Interagency Working Group (STIWG) ToR Renewal
 - Primary user group for GOES Data Collection System
 - STIWG is aligned under COES and the Advisory Committee on Water Information (ACWI) Subcommittee for Hydrology (SOH)



Activities, Issues, and Interests

Issues

- DoD SBEM programs and data gaps
 - Joint Requirements Oversight Council Memo 092-14
 - Prioritized gaps for DoD:
 - Ocean Surface Vector Winds
 - Tropical Cyclone Intensity
 - Low Earth Orbit Energetic Charged Particle
 - Numerous other DoD requirements to be provided from “Civil and International Partners.”
- Indian Ocean satellite coverage and data exploitation
 - Use of INSAT 3D-R if practical
 - 2017 USAF / NOAA MOA for Interagency Cooperation on Collection of SBEM Data
 - Leverage DoD-unique assets to meet IO data requirements if possible



Activities, Issues, and Interests

Interests

- Leveraging NASA research satellite capabilities
 - CYGNSS, TROPICS, PACE, RapidScat, CATS, GPM
- International Cooperation
 - Presented US Government issues for NOAA and NASA representatives to international conferences
 - Back-brief from CGMS and other international meetings
- Emerging GPS-RO capabilities
 - Monitoring COSMIC-2 and other GPSRO developments
- Commercial Weather Data Acquisition Programs
 - Monitoring Commercial Weather Data Pilot programs in NOAA, DOD, and NASA
 - Monitoring progress on Commercial Weather data provisions of the Weather Forecast Improvement Act of 2017



Conclusion

- COES supports coordination between Federal Agencies, EOP, and International groups
- The GAO recognizes the need for coordination and has identified COES as part of the solution for interagency environmental satellite issues
- COES provides a forum for issue discovery and the means to connect stakeholders with organizations providing environmental satellite services and system development

The FWE agencies can work together to solve environmental satellite issues beyond the reach or scope of individual agencies.

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Federal Weather Enterprise Infrastructure

	Current	Active
FCMSSR	1	1
ICSSR & Councils	3	3
Committees	4	4
WGs	15	12
JAGs	4	4
TOTAL	27	24

Federal Committee for Meteorological Services and Supporting Research (FCMSSR)

Federal Coordinator for Meteorology

NEXRAD Program Council

Interdepartmental Committee for Meteorological Services and Supporting Research (ICMSSR)

Earth System Prediction Capability (ESPC) Executive Steering Group

Committee on Operational Processing Centers

Committee on Operational Environmental Satellites

Committee on Climate Analysis, Monitoring, and Services

Interagency Weather Research Coordinating Committee

Working Groups (enduring)

Joint Action Groups (short-term)

Federal Weather Enterprise Infrastructure

Current Federal Coordinating Infrastructure					As of:	
FCMSSR Top-level	ICMSSR / Councils	Committees	Working Groups	Joint Action Groups	Status	Latest Charter/ToR
FCMSSR Federal Committee for Meteorological Services and Supporting Research					Active	10/20/2016
				NEXRAD Program Council	Active	7/14/2015
				ESPC ESG Earth System Prediction Capability Executive Steering Group	Active	6/6/2016
				(CENRS) SWORM Space Weather Operations Research and Mitigation Task Force	Active	10/27/2016
				ICMSSR Interdepartmental Committee for Meteorological Services and Supporting Research	Active	6/30/2017
				C/CS Committee for Climate Services	Active	Draft 10/27/2016
				IWRCC Interdepartmental Weather Research Coordination Committee	Active	6/23/2017
				CWRWG: Community Weather Research Working Group	Active	Draft 5/19/2017
				C/OES Committee for Operational Environmental Satellites	Active	3/17/2017
				STIWG Satellite Telemetry Interagency Working Group	Active	8/14/2015
				C/OPC Committee for Operational Processing Centers	Active	Draft 10/14/2016
				WG/CSAB Working Group for Cooperative Support and Backup	Active	Draft 9/16/2016
				WG/CCM JAG for Centralized Communications Management	Active	Draft 10/28/16
				WG/OD Working Group for Observational Data	Active	5/30/2014
				WG/MD Joint Action Group for Metadata	Active	Draft 2/22/2010
				JAG/FPR Federal Plan Revision	Active	11/18/2016
				WG/TCR Working Group for Tropical Cyclone Research	Inactive	None
				WG/MC Working Group for Meteorological Codes	Active	Draft 8/17/2010
				JAG/MT Joint Action Group for METAR Transition	Active	Draft 7/6/2017
				WG/SWEF Working Group for the Space Weather Enterprise Forum	Active	None
				WG/VA Working Group for Volcanic Ash	Inactive	12/25/2008
				WG/DIAP Working Group for Disaster Impact Assessments and Plans	Active	5/9/2016
				JAG/CAPSA Joint Action Group for the COASTAL Act Post-Storm Analysis	Active	10/5/2012
				WG/HWSO Working Group for Hurricane and Winter Storms Operations	Active	Draft 7/7/2017
				WG/IHC-TCRF WG for Interdepartmental Hurricane Conference - Tropical Cyclone Research Forum	Active	None
				WG/ATD Joint Action Group for Atmospheric Transport and Diffusion	Active	None
				WG/MPAR Working Group for Multifunction Phased Array Radar	Inactive	1/30/2007
				JAG/ICAWS Joint Action group for ICAWS Implementation	Active	Draft 7/3/2017

FWE Infrastructure Participation

	DOC	DOD	DOE	DHS	DOI	DOS	DOT	EPA	NASA	NSF	NRC	NSTB	USDA	EOP
FCMSSR	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ICMSSR	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NEXRAD PC	X	X					X							
ESPC ESG	X	X	X						X	X				
CCS	X	X	X		X	X			X	X				
IWRCC	X	X							X	X				
CWRWG	X								X	X				
COES	X	X	X	X	X		X		X	X			X	X
STIWG	X				X			X						
COPC	X	X												
WG/CSAB	X	X												
WG/CCM	X	X												
WG/OD	X	X			X		X							
WG/MD	X	X												
JAG/FPR	X	X	X				X		X	X				X
WG/TCR	X	X			X				X	X				
WG/MC	X	X					X							
JAG/MT	X	X					X							
WG/SWEF	X	X			X	X	X		X	X				X
WG/VA	X	X			X		X		X					
WG/DIAP	X	X		X	X								X	
JAG/CAPSA	X	X		X	X								X	
WG/HWSO	X	X		X			X		X				X	
WG/IHC-TCRF	X	X		X			X		X	X				
WG/ATD	X	X	X	X	X			X	X		X			
WG/MPAR	X	X		X	X		X		X					
JAG/ICAWS	X	X												

FWE Infrastructure Participation

	DOC-NOAA					DOD				
	NWS	NESDIS	OAR	OMAO	NOS	USAF	USN	USA	USMC	JS-OSD
FCMSSR	X	X	X			X	X			
ICMSSR	X	X	X	X		X	X		X	
NEXRAD PC	X					X				
ESPC ESG	X		X			X	X			
CCS	X		X			X				
IWRCC	X		X							
CWRWG			X							
COES	X	X		X		X	X			X
STIWG		X			X					
COPC	X	X				X	X			
WG/CSAB	X	X				X	X			
WG/CCM	X	X				X	X			X
WG/OD	X	X				X	X			
WG/MD	X	X				X	X	X		
JAG/FPR	X	X	X	X		X	X	X		X
WG/TCR	X	X	X	X		X	X	X		
WG/MC	X					X	X	X		
JAG/MT IWXMM	X	x				X	X			
WG/SWEF	X	X				X	X			
WG/VA		X				X				
WG/DIAP	X	X				X		X		
JAG/CAPSA	X	X				X		X		
WG/HWSO	X	X	X	X		X	X			X
WG/IHC-TCRF	X	X	X	X		X	X			
WG/ATD	X		X		X	X	X	X		DTRA
WG/MPAR	X		X			X		X		
JAG/ICAWS	X					X	X			

Today's Agenda

- **OPENING REMARKS:** Craig McLean (NOAA)
- **FEDERAL COORDINATOR'S UPDATE:** William Schulz (OFCM)
- **IMPLEMENTING THE WEATHER RESEARCH AND FORECASTING INNOVATION ACT: SECTION 402.:** William Schulz (OFCM)
- **SWEF WRAP UP AND PROPOSAL:** Michael Bonadonna (OFCM)
- **FEDERAL MSSR STRATEGIC AND ANNUAL PLAN:** William Schulz (OFCM)
- **COES UPDATE:** David McCarren (USN)
- **FEDERAL COORDINATION INFRASTRUCTURE REVIEW:** Michael Bonadonna (OFCM)
- **FCMSSR AGENDA:** William Schulz (OFCM)
- **OPEN DISCUSSION**
- **ACTION ITEM REVIEW:** Michael Bonadonna (OFCM)
- **CLOSING COMMENTS / ADJOURN**

FCMSSR Agenda Topics

Next FCMSSR: Tuesday 24 October 2017, 2-4 PM, SSMC2 Rm 15246

Chair agenda pre-brief: Friday 6 October

Potential Topics:

- **Federal Coordinator Update**
- **Approve the Strategic Plan for Federal Weather Coordination**
- **Approve the Weather Act Section 402 Implementation Plan**
- **SENSR status**
- **ESPC update**

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FCMSSR Action Items

AI #	OPR	Text	Comment	Status	Due Date
2017-1.2	ICMSSR	Present proposals to FCMSSR to implement Weather Research and Forecasting Innovation Act of 2017 Section 402 requirements for the Interagency Committee for Advancing Weather Services.	Will be presented to FCMSSR in October	On Track	10/24/17
2017-1.4	ICMSSR, OFCM	Produce the Strategic Plan for Federal Weather Coordination.	Will be provided to FCMSSR in October for approval	On Track	10/24/17

ICMSSR Action Item Review

AI #	Responsible Office	Text	Comment	Status	Due Date
2015-1.6	OFCM	Update the Terms of Reference documents for all Committees, Working Groups and Joint Acton Groups subordinate to the ICMSSR to include formalized engagement with OSTP.	Work in progress	Open	05/17/17
2016-2.2	OFCM, NWS, FAA, DHS	Continue interagency engagement on MPAR and the related radio-frequency spectrum auction. Regularly present updates to the ICMSSR and FCMSSR. (replaces ICMSSR AI 2015-1.2)	Will remain open until executed regularly	Open	Quarterly
2016-4.2	OFCM	Provide a copy of the Terms of Reference for the new Committee on Climate Services (CCS) for ICMSSR review.	Status TBD	Open	02/10/17
2016-4.5	OFCM, NWS/OOE	Develop a proposal for ICMSSR consideration on how OFCM and the FWE engage in Information Decision Support System (IDSS) interagency coordination.	Work in progress.	Open	06/15/17

ICMSSR Action Item Review

AI #	Responsible Office	Text	Comment	Status	Due Date
2017-1.2	OFCM, ICMSSR agencies	ICMSSR members validate their membership on the WG/MPAR. Re-convene the WG/MPAR to a) review the WG ToR, b) brief ICMSSR on ToR applicability and on WG activities, and c) seek ICMSSR guidance going forward.	WG roster updated. Save-the-date email sent for meeting	Open	06/07/17
2017-1.4	OFCM	Establish a Joint Action Group to review OPM 1340 standards and make a presentation to the ICMSSR with recommendations.	No action taken	Open	06/07/17
2017-2.1	OFCM	Secure a government sponsor and funding source for the 2018 SWEF.		Open	09/30/17
2017-2.2	OFCM	Schedule a date for the 2nd Observational Data Workshop.		Open	07/30/17
2017-2.3	ICMSSR organizations	Provide budget input for the FY18 Federal Plan/Annual Report, to include an internet link to agency's FY18 congressional justification submission and page numbers where feasible (additional information on an investment/priority).	Completed	Closed	07/07/17
2017-2.4	OFCM	Provide updates on the status of Terms of References of all FWE groups.		Open	09/30/17

Action Item Review / Next Meeting

The Secretariat will document any action items taken during the meeting and schedule the December meeting in coordination with the chair.



GROUP ON EARTH OBSERVATIONS

**INSIGHT FOR A
CHANGING WORLD**

GEO WEEK 2017

23-27 OCTOBER 2017



**DID YOU KNOW EARTH
OBSERVATIONS IMPACT
YOUR DAILY LIFE AND
UNDERPIN OUR ECONOMY?**



■ **JOIN 13 U.S. FEDERAL AGENCIES;
PLUS PRIVATE SECTOR AND
ACADEMIA**

SCHEDULE

SIDE EVENTS: 23-24 OCTOBER

EXHIBITION: 24-26 OCTOBER

GEO-XIV PLENARY: 25-26 OCTOBER

EXECUTIVE COMMITTEE: 24, 27 OCTOBER

LOCATION

**RONALD REAGAN BUILDING &
INTERNATIONAL TRADE CENTER**
1300 PENNSYLVANIA AVE, NW
WASHINGTON, DC 20004
UNITED STATES OF AMERICA

MORE INFORMATION:

[HTTP://EARTHOBSERVATIONS.ORG/GEOWEEK2017](http://earthobservations.org/geoweeek2017)

Wrap Up

