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# *Interdepartmental Weather Research Coordination Committee Meeting 2017-4*

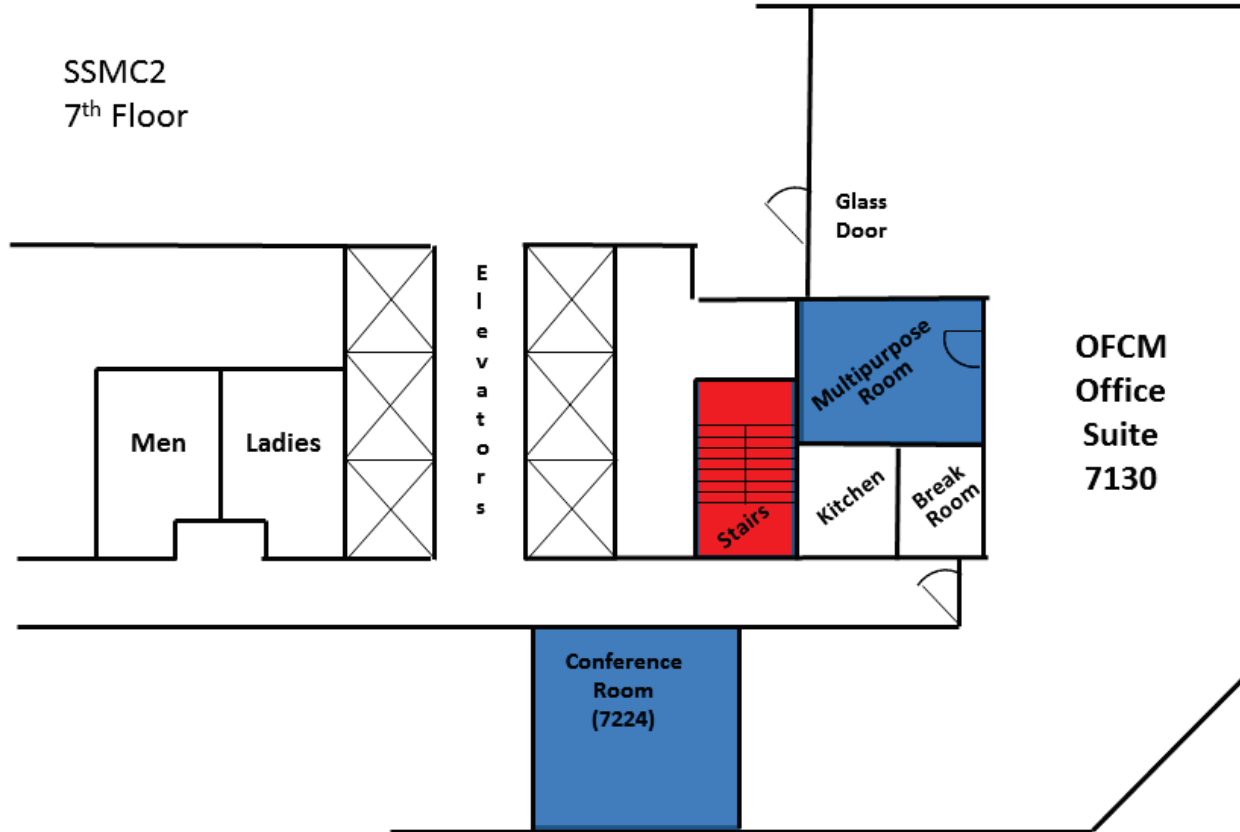
Nov 16, 2017

# Administrative Info

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- **Meeting will be recorded in order to produce a Record of Actions**
- **Facilities**
- **Telecon / GoToMeeting**
  - Dial-in 1-888-680-9581, passcode 535430#
- **GoToMeeting:** <https://global.gotomeeting.com/join/648727085>
- **Slides to be posted at:**  
<http://www.ofcm.gov/icmssr/meetings.htm>
  - **Please advise us of any sensitivities**

# OFCM Floor Plan



# Today's Agenda

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- Opening remarks John Cortinas /Tsengdar Lee
- **Administration** Bill Schulz
  - Review Record of Actions
  - Action Items
  - Science Working Group Terms of Reference
- Working Group Roster Update Working Group Co-chairs
- Response to S2S Database Questions Duane Waliser
- Proposed Coordination Process Bill Schulz
- Obligations Under Strategic Plan
- ICMSSR Briefing Topics
- Open Discussions All
- Adjourn

# Opening Remarks

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## *Interdepartmental Committee for Meteorological Services and Supporting Research (ICMSSR)*

*Dr. John Cortinas (NOAA)*  
*Dr. Tsengdar Lee (NASA)*  
*Co-Chairs, IWRCC*

- **Welcome**
- **Roll Call**
- **Approve Agenda.**

# Administration

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## **Record of Actions from 25 August 2017 Meeting**

- Previously distributed, comments incorporated
- Recommend consider them approved

## **Action Items**

2017-3.1: NASA and NSF members coordinate changes to membership bullet in Section 3 (of working group ToR). OFCM will send the changes to the Committee and Working Group members for concurrence. (Recommend close upon approval of ToR.)

2017-3.2: OFCM will draft a summary of questions raised by the committee members, send them to members for changes, and forward to Dr. Waliser for response. (Completed, recommend close.)

2017-3.3: OFCM will develop a rough process for IWRCC coordination and communication of a research agenda. (Completed, recommend close.)

## **Working Group Terms of Reference**

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# Working Group

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- Approve Terms of Reference
- Roster Update
- S2S Database Support Questions (See next slide.)



# S2S Project

## *Database Support Request*

- ECMWF represents the critical database for the S2S Project's hindcasts and forecasts. The S2S archive at CMA and the WMO Lead Centre pilot real-time S2S activity both obtain their data from the ECMWF site, as does the IRI Data Library which now contains a large subset of the S2S data.
- The S2S Project database at ECMWF already leverages substantial hardware/software/personnel elements (e.g. storage, web distribution) at ECMWF but the explicit personnel effort to maintain it is beyond the scope of ECMWF's core activities.
- The S2S Project Steering Group is requesting financial support on the order of \$50K US per year for ECMWF to continue to support this valuable database over most of the S2S Project's 2<sup>nd</sup> five years, namely CY'19-22.

Comments, solutions, contributions ... , please contact :

[duane.waliser@jpl.nasa.gov](mailto:duane.waliser@jpl.nasa.gov), [frederic.vitart@ecmwf.int](mailto:frederic.vitart@ecmwf.int), [awr@iri.columbia.edu](mailto:awr@iri.columbia.edu)

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# Research Coordination Process

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Starter question: What will be the mechanics of the IWRCC?

- How do we decide on a research agenda?
- How do we communicate recommendations to the ICMSSR and the community at large?

From Summer meeting's Record of Actions:

Responding to Dr. Cortinas question of suggesting ways to improve effectiveness (of the IWRCC), Dr. Morgan suggested creating a “standing town hall” that focuses on these projects at AMS and/or AGU, and would alert communities to recent and expected near-future advancements. Other organizations have used monthly telecons to update others on research accomplishments, and some use web bulletin boards or ‘wikis’; these may be models we can use in the IWRCC and Working Group.

Science Working Group looks for existing efforts that relate to federal priorities and needs.

Federal agencies describe their research priorities and needs. (ICMSSR directed)

*In an ongoing process, the IWRCC and Science Working Group trade information on federal priorities (as described by ICMSSR) and relevant projects/programs in the greater community, focusing on areas appropriate for interagency collaboration. Develop focus areas/agenda topics for the follow-on meeting (blue oval below.)*

Science Working Group reports findings/identifies opportunities.

Federal agencies (program managers) advertise their ongoing & early-stage efforts.

*This is a periodic (annual?) workshop or conference event organized by IWRCC/OFCM at which Program Managers and Science WG share ongoing and planned efforts on select areas of study. Loosely structured (vice a series of 15 minute presentations) to allow for max interaction.*

Partnerships and coordinated efforts are established.

*Hopefully investigators and PMs from multiple agencies find common interests and build partnerships that leverage resources (or at least prevent duplicative efforts.) Could satisfy some Weather Act mandates.*

HiW   S2S   PPP   Extended Range   Etc, etc...

Project results/ongoing partnerships reviewed to assess effectiveness at meeting federal needs.

*This is some type of mid-process check to see if this is a valuable exercise. (Still fuzzy on the particulars.) Could be a few pages included in the annual OFCM coordination activities report listing new partnerships/projects or results/endings of projects. Report on projects moving along the R2O continuum.*

**“DRAFT”**  
11/15/17

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# New Federal Coordination Documents

## Old:



- Single publication
- Produced annually
- 200+ pages
- Multiple detailed spreadsheets
- Released in October
- No formal review

## New :



### First publication (proposed):

- Strategic Plan
- Published every four years
- Composed by interagency group
- Approved by FCMSSR



### Second publication (published):

- Annual Report
- Smaller (~50 pages)
- Few tables (satisfies PL 87-843)
- **Progress towards Strategic Goals and Objectives (Agencies, Committees)**
- Released in March (normally, but not FY18 version)
- OMB Review

# Strategic Plan: Proposed Way Ahead

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## Intended Actions:

- Get cover letter signed by RDML Gallaudet (meeting 1 Dec).
- Direct Federal Weather Enterprise Committees and Working Groups to ready a 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. (Recurrs 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.

# Strategic Plan for Federal Weather Enterprise Coordination

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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.

-- Seeking Cover Letter signed by new (acting) FCMSSR Chair --



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# ICMSSR Meeting (February)

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- Terms of Reference
- Description of Working Group
- Status of Coordination Structure
- S2S funding?

On to open discussion.....

# Closing

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- Review new action items
- Proposed agenda items and time for next meeting