

**Coordination Meeting for the Unified Forecast System (UFS)
Strategic Implementation Plan (SIP) Annual Update**

Aug 1-3, 2018

NCWCP Conference Center
5830 University Research Ct, College Park, MD 20740

AGENDA

Remote Participation at the end of the agenda

Objectives:

The primary objective of this meeting is to finalize updates needed to the current SIP to build the draft FY19-FY21 SIP document, building on the team updates from the 31 Jan - 1 Feb 2018 SIP meeting. SIP teams will provide an update on activities and conduct further coordination of team plan documentation. Additional review/revision of the draft document will be conducted following the meeting with a goal of releasing a smooth FY19-FY21 SIP Version 2 by mid-late September 2018.

Other objectives include a review/determination on the future strategy for NOAA NWP data assimilation as well as delivery of updates on SIP related resources and activities.

(Before the SIP Meeting starts, the UFS Metrics Workshop will provide a summary:

10:00 AM Report Out to Metrics Workshop Participants & UFS SIP Members

12:00 PM Lunch (order at: <https://kloudcafe.wufoo.com/forms/m1kvko601btaxxp/>)

Presentation folder:

<https://drive.google.com/open?id=1CYC-hPBoDKL6fcN8XkYnXRZOTqy1R0ix>

Day 1: Wednesday, August 1, 2018

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| 1:00 PM | Introduction / Welcome, Admin Remarks (Fred Toepfer, OSTI/NGGPS Program Manager; Brian Gross, NCEP Office of the Director) |
| 1:05 PM | NGGPS/SIP Overview (Ming Ji, Director NWS/OSTI; Fred Toepfer, OSTI/NGGPS Program Manager) |
| 1:20 PM | OWAQ SIP Overview (John Cortinas, Director OWAQ) |
| 1:35 PM | Hurricane Supplemental Overview (Fred Toepfer, NGGPS Program Manager; DaNa Carlis, OAR Policy, Planning and Evaluation) |
| 1:55 PM | Capacity of R&D and Operational HPC Resources for WGs and SIP Projects (Frank Indiviglio, Lead Computer Scientist) |

Coordination Meeting for the UFS SIP con't

2:15 PM	Break
2:30 PM	Community - NCAR/NOAA MOA Overview of 7 Elements of Common Infrastructure (Hendrik Tolman, Senior Advisor for Advanced Modeling Systems)
2:45 PM	Community Participation through Common Repositories, Infrastructure, and Workflow (JEDI, FV3GFS, CAM, MET+, and coupled model development) (Hendrik Tolman, Senior Advisor for Advanced Modeling Systems)
3:05 PM	Common Community Physics Package/Community Physics Framework (Ligia Bernardet, (DTC/GMTB, NOAA/GSD and CU/CIRES)
3:15 PM	Verification, Validation, and Testing for the UFS (Tara Jensen, DTC and NCAR)
3:25 PM	Break
3:40 PM	Communications and Outreach (including UFS Portal) (Susan Jasko, Tim Schneider, SIP Communications and Outreach WG Co-Chairs, Bhavana Rakesh, OSTI)
3:50 PM	Unified Forecast System Steering Committee Overview/Update on Steering Committee Activities (Richard Rood/Hendrik Tolman, UFS-SC co-chairs)
4:00 PM	Role of Steering Committee in Guiding the UFS (Richard Rood/Hendrik Tolman, UFS-SC co-chairs) (including overall SIP process effort to a true UFS)
4:10 PM	Discussion on Thoughts for Increasing Community Participation / Discussion on how to improve the experience of SIP Working Group participation (Richard Rood, University of Michigan, Hendrik Tolman, STI, Brian Gross, EMC)
5:00 PM	Adjourn - for the Day
TBD	No-Host Dinner

Coordination Meeting for the UFS SIP con't

Day 2: Thursday, August 2, 2018 (note an 8:15AM start to presentations)

8:00 AM Networking and Light Refreshments
(order at: <https://kloudcafe.wufoo.com/forms/m1kvko601btaxxp/>)

SIP WG Update and Briefings

8:15 AM NGGPS Global Model Suites Planned for NCEP/EMC Operations (Vijay Tallapragada, EMC, Arun Chawla, EMC)

- Coupled Modeling
- S2S
- Connection to CAM from global model suite

9:00 AM Mesoscale/Convective Allowing Models (CAM) (Jack Kain EMC, Curtis Alexander, CAM Working group co-chair)

- CAM requirements from parent model
- Connection to CAM from global model suite

10:00 AM Break

10:20 AM System Architecture (Cecilia DeLuca, GSD)

10:30 AM Infrastructure (Rusty Benson, GFDL)

10:50 AM Dynamics/Nesting (Vijay Tallapragada, NCEP/EMC)

11:00 AM Physics (Jack Kain, NCEP/EMC)

11:10 AM Marine (Avichal Mehra, NCEP/EMC)

11:20 AM Lunch (order at: <https://kloudcafe.wufoo.com/forms/m1kvko601btaxxp/>)

12:30 PM Land / Hydrology (Helin Wei, EMC, Mike Ek, NCAR, Brian Cosgrove, OWP)

12:40 PM Aerosols and Atmospheric Composition (Ivanka Stajner, NCEP/EMC)

12:50 PM Ensembles (Tom Hamill, PSD)

1:00 PM Post Processing (Jeff Craven, STI/SMB)

1:10 PM Verification and Validation (Tara Jensen, NCAR and DTC)

1:20 PM Break

1:30 PM Focused Session on Data Assimilation Plans

Panel: Ivanka Stajner (EMC), Tom Auligné (JCSDA), Daryl Kleist (EMC), Jeff Whitaker (PSD), Ron Gelaro (NASA)

- Data Assimilation WG update
- Proposed Operational Data Assimilation Plan
- JEDI Update
- Discussion on Integration/Strategic Plan

2:30 PM Break

Coordination Meeting for the UFS SIP con't

- 3:00 PM Focused Session on Data Assimilation Plans (continued)
- 4:00 PM Breakout Session (arrange your own!) and DA Executive Session
- 5:00 PM Adjourn - for the Day

Day 3: Friday, August 3, 2018

- 8:00 AM Networking and Light Refreshments
(order at: <https://kloudcafe.wufoo.com/forms/m1kvko601btaxxp/>)
- 8:30 AM SIP WG Cross-Coordination Break-Out Sessions

Annex Google folder link is [here](#).

Pointers for Break-out sessions:

- Coordinate efforts on projects
 - Look at dependencies/constraints
 - Coordinate milestones and deliverables
- Look for areas requiring further attention

Governance/Comm participants in each group

Breakout #1

Room	Working Groups
CC #1	Land/Hydro, Physics, Aerosols & Atm Composition
CC #2	Ensembles, CAM/Regional
CC #3	Marine, Verification & Validation, Data Assimilation
Auditorium front	Infrastructure, Post-Processing
Auditorium back	System Architecture, Dynamics & Nesting

- 9:15 AM Break

9:30 AM Breakout #2

Room	Working Groups
CC #1	Land/Hydro, Data Assimilation, Verification & Validation
CC #2	Ensembles, Physics, Post-Processing
CC #3	CAM/Regional, System Architecture
Auditorium front	Marine, Infrastructure
Auditorium back	Aerosols & Atm Composition, Dynamics & Nesting

- 10:15 AM Break

Coordination Meeting for the UFS SIP con't

10:30 AM Breakout #3

Room	Working Groups
CC #1	Land/Hydro, PP
CC #2	Ensembles, Marine
CC #3	Physics, Aerosols & Atm Composition, Verification & Validation
Auditorium front	System Architecture, Data Assimilation
Auditorium back	CAM/Regional, Infrastructure, Dynamics & Nesting

11:15 AM Break

11: 30 AM Breakout #4

Room	Working Groups
CC #1	Land/Hydro, System Architecture, Marine
CC #2	Ensembles, Aerosol & Atm Composition
CC #3	CAM/Regional, Physics, Data Assimilation
Auditorium front	Verification & Validation, Infrastructure
Auditorium back	Post-Processing, Dynamics & Nesting

12:15 PM Lunch (order at: <https://kloudcafe.wufoo.com/forms/m1kvko601btaxxp/>)

1:30 PM Discussion/Wrap-Up/Timeline for Annex final submittal

3:00 PM Adjourn

Remote Participation

Wednesday, Day 1, Aug 1, 2018 1:00 PM - 5:00 PM EDT

Please join my meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/731844077>

Join the conference call: telecon 1-877-985-3644 passcode 5846644#

Thursday, Day 2, Aug 2, 2018 8:00 AM - 5:00 PM EDT

Please join my meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/692598501>

Join the conference call: telecon 1-877-985-3644 passcode 5846644#

Friday, Day 3, Aug 3, 2018 8:00 AM - 3:00 PM EDT

Please join my meeting from your computer, tablet or smartphone.

<https://global.gotomeeting.com/join/879104445>

Join the conference call: telecon 1-877-985-3644 passcode 5846644#