



Strategic Implementation Plan (SIP) for a Community-based Unified Modeling System



SIP Working Group (WG) Panel Discussion #1

Governance WG

System Architecture WG

*Presented at NOAA Community Modeling Workshop
April 18-19, 2017; College Park, MD*



Strategic Implementation Plan (SIP) for a Community-based Unified Modeling System



Governance Working Group

Presented by

Dr. Ricky Rood, Univ. of Michigan

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Governance WG

Membership



- *Whit Anderson (NOAA/GFDL) ***
- Tom Auligne (JCSDA)
- Rusty Benson (NOAA/GFDL)
- Ligia Bernardet (NOAA/ESRL)
- Patrick Burke (NOAA/NOS)
- Jesse Carman (NOAA/OAR)
- Brian Colle (Stonybrook Univ.)
- Chris Davis (NCAR/MMM)
- *Mike Farrar (NWS/NCEP) ***
- Rick Hooper (Tufts Univ.)
- Gary Lackmann (NC St. Univ)
- *Steven Pawson (NASA/GMAO) ***
- David McCarren (US Navy)
- *Ricky Rood (Univ. of Michigan) ***
- Vijay Tallapragada (NWS/NCEP)
- Fred Toepfer (NWS/OSTI)
- *Mariana Vertenstein (NCAR/CGD) ***
- *Co-Chair ***



Governance WG

Initial Findings



- What are lessons learned from governance structure of other community models/related orgs (e.g., CESM, ESPC, etc.)?
- Different “governance” needed for Program and for Technical / Sponsors and Working Groups / Interagency and within NOAA
 - Governance bodies (Boards, Working Groups)
 - Relationships between governance bodies
- “Harvest” from the community versus manage what the community does
 - Fund to fill gaps
 - Interfaces to governance models existing in the community – liaisons?
- Need to build trust and confidence – what are the values?
 - Transparency
 - Communication
- Standards and conventions for community assets and resources
- Transitions from governance to management – decision making, meeting requirements



Governance WG

Key issues to resolve



- What is the scope of the current governance activity?
 - Define and communicate (FV3 and Unified Global System?)
- What is the chain or processes that connect research to ops?
 - Roles and responsibility of community members – NOAA's organizations
- Development of process to absorb requirements and recommendations, manage, reconcile, and implement.
- Development and implementation communication plan that is both "outward" and "inward" that integrates the organization, supports integrated decision making
- Bring attention to system as a whole, organization as a whole
 - not individual models and individuals