

JCSDA Ocean Breakout Session

Alexey Kaplan, LDEO

Bob Miller, OSU

Xu Li, NOAA/NCEP

David Behringer, NOAA/NCEP

Eric Bayler, NOAA/NESDIS

Christian Keppenne, NASA/GMAO

Guillaume Vernieres, NASA/GMAO

Jiayu Zhou, NOAA/OST

Michele Rienecker, NASA/GMAO

JCSDA Ocean Breakout Session

- ❑ How would you rate the JCSDA activities in your subject areas?
 - Important activities, but not enough of them!
 - Activities funded through the FFO and JSDI have a clear connection with a operational JCSDA partner (NOAA) and have a pathway to transition (but funding pathway for completion to operational readiness is not evident)
 - Relevant to both operational oceanography and climate ocean applications, but implementation for near-real-time oceanography need specific developments for HYCOM

- ❑ What recommendations for JCSDA management to strengthen activities?
 - Need to increase funding for oceans, especially for partner activities but also to ensure that FFO developments can follow through to operational transition readiness
 - Increase visibility within JCSDA of near-real-time ocean applications
 - Target functions for JCSDA Oceans activities – need goals/metrics commensurate with NWP skill
 - Synoptic ocean applications – Navy, hurricane prediction, safety at sea, oil spill prediction
 - Climate prediction skill (but not easy to demonstrate improvements over a 2-3 year proposal cycle)
 - Improve quality and decrease uncertainty of ocean climate analyses for national climate service applications
 - Improve quality and decrease uncertainty of MLD, SST, sea-ice analyses
 - **NEED TO DEVELOP METRICS** to share, test, and get adopted by the community

JCSDA Ocean Breakout Session

- ❑ What is the role of your JCSDA WG?
 - Help identify priorities for JCSDA external contributions
 - Collaborate with external scientists
 - Develop collaborations (including in-kind collaborations) between partners

 - How to invigorate?
 - Wiki for communication?
 - Suggestion of broadening participation??

- ❑ Comments on the workshop this?
 - Format fine (some like parallel sessions to allow more discussion, but not a consensus)