

**Welcome and Meeting Goals:
OVWST Meeting 2009**

Mark A. Bourassa and Ernesto Rodriguez



OceanObs 09

- Hans Bonekamp and I, with input from many others, have submitted a draft community white paper on satellite winds.
 - We await feedback from the organizing committee
- It will be available on the OceanObs09 website, or from me.
 - Additional comments welcome
- Other Meetings:
 - Fall AGU
 - I've been asked to co-chair a winds related session with Huai-min Zhang (NOAA)
 - Ocean Sciences
 - Tim Liu and I will submit a session: Ocean-atmosphere coupling from mesoscale to basin-scale with application of satellite observations



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Scatterometry and Climate Workshop

- A workshop on Scatterometry and Climate is being organized
 - August 19 – 21, 2009
 - Washington DC area
 - Organizers: Rodriguez, Bourassa, Chang, Ebuchi, Gaston, Jelenak, Lindstrom, and Wilson
- The goals of this meeting are to document the climate-related impacts of the over decade long scatterometer data record and to determine the climate-related requirements for a new scatterometer.
- There has not been such a survey.
 - It is desirable to consider the weather and climate requirements in the design and development of a new scatterometer system
 - A report on the climate applications
- The outcome of this meeting will provide an essential input for advancing the next-generation Dual-Frequency Scatterometer (DFS) at NOAA, JAXA, and NASA



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- **Plenary Topics**
 - GCOM-W2 mission
 - The feed-back cycle between ocean SST, winds, ocean mixing, salinity, and the ocean and atmospheric circulation.
 - Momentum and energy fluxes & budget, wind stress
 - Ocean General Circulation
 - Atmosphere and Ocean Prediction and Understanding
 - Water cycle and water resources
 - High Winds
 - Topics and groups for splinter sessions:
- **Splinter Group 1**
 - The Climate data record
 - Influences of high frequency (inertial and diurnal) forcing
 - Cryosphere: influences on the ice and ice transport
 - Regional changes in sea level rise and sea state (waves)
- **Splinter Group 2**
 - Tropical cyclones
 - Extratropical Cyclones
 - Decadal variability
 - Seasonal and interannual variability, monsoons, MJO
- **Splinter Group 3**
 - Gas fluxes & ocean acidification
 - Ocean productivity
 - Coastal and near-coastal wind driven circulation
 - Currents and ocean transport



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Collection of OVWST Publications

- On line bibliography is being used to determine where team members are publishing.
 - Please help keep this up to date!
- Hans Bonekamp, Ad Stoffelen and I will discuss options.



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Meeting Goals

- Discussion of the benefits (and weaknesses) of DFS
 - Review DFS science requirements and objectives
 - Ideally resulting in a strong statement of support for DFS
- Plans for ocean vector science in a post-QSCAT era.
 - International collaborations
 - Producing consistent climate data record?
- Discuss issues regarding rain
- Updates on the latest science and operational results



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