Welcome and Meeting Goals:
OVWST Meeting 2009

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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
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
• **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
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.
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