

2010 IOVWST Meeting

Recommendations/Statements

- 1) One outstanding issue for tropical cyclone retrievals is upwind/cross-wind Vpol calibration for SAR vs scatterometer retrievals for Hpol. Solving this problem will be of use for missions that have been proposed, such as the Dual-Frequency Scatterometer. A potential approach is the direct experimental observation of the H-pol model function, which will minimize the reliance on polarization scaling from V to H-pol.
- 2) It is highly desirable to be able to resolve divergence and curl in L3 products on synoptic to meso-scales. Sampling from a single polar orbiting platform is insufficient to achieve this goal.
- 3) A list of in situ wind observations that are well suited for comparison to satellite data products is highly desirable.
- 4) An evaluation of gridded wind products should be undertaken by interested team members. The results should be made publicly available in forms that will aid users of the wind products determine which wind product is best suited to for their applications. The evaluation group should work with data centers to better communicate this information to the data users.

Action items

- 5) Draft letter from community as a whole supporting participation from India, China, and other new participation in the IOVWST
- 6) Encourage agencies to support the growth of international cooperation and broader collaboration by supporting the IOVWST
- 7) Provide information on upcoming product releases (e.g., anticipated date of availability)
- 8) Provide a collocated data set of scatterometer data and in situ comparison data, or develop tools to speed developing such data sets
- 9) Establish intercalibrated ASCAT and QuikSCAT data sets. JPL and KMNI participants suggest that Oct. 2011 is a reasonable target date for intercalibrated data sets.