



# OVWST Subgroup Discussion

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## Science Team Is Asked To

- Deliver scientific breakthroughs and well-cited publications.
  - *Report these results/publications to the QuikSCAT project and OVWST.*
- Attend and actively support science team meetings on a regular basis
- ***Respond to requests from the Project Scientist and Team Leader for scientific and technical input.***



# OVWST Working Groups

- Facilitate interaction between the OVWST and the project on issues that are important to both and to:
  - Ensure that science requirements are being met and are well articulated for the scope of the science team effort
  - Ensure the best data products are available from the mission (model function, cal/val, etc)
  - Ensure that the full spectrum of possible scientific results are demonstrated
- Group membership is voluntary
  - for the long-term benefit of the OVWST and the research community
- A preliminary set of working groups has been identified:
  - Product Improvement and Validation
  - Geophysical Science
  - Requirements
  - Senior Review
- Groups are expected to evolve over time to address:
  - Changing objectives and membership
  - Emerging issues



# Product Improvements and Validation Working Group

- Group Charter:
  - Evaluate Project efforts in the areas of algorithm refinement and new products
  - Accelerate consideration of OVWST-generated algorithms and products for inclusion into the operational research (JPL) and near-real-time (NESDIS) processing streams; and
  - Highlight and define research needs for products that are not presently being produced (such as multi-satellite merged products).
- Group co-chairs: Mike Freilich and David Long



# Ocean Vector Wind Geophysical Science Working Group

- Group Charter:
  - Aid NASA HQ and the Project in summarizing advances in:
    - *oceanographic sciences*
    - *Atmospheric sciences*
    - *climate sciences*
  - Facilitate collaborations:
    - *Among OVWST members pursuing complementary investigations*
    - *Between OVWST members and other Geophysical users of scatterometer data who pursue complementary research*
- Group co-chairs: Ralph Foster and Claire Perigaud



# OVW Measurement Requirements Working Group



- Group charter:
  - Assemble a prioritized list of requirements for future SVW missions that are:
    - *Comprehensive and scientifically well-justified*
    - *Based on the needs of geophysical research*
    - *Support the construction of multi-decadal SVW climate data records*
  - Evaluate and summarize differences between the research requirements and operational near-real-time requirements
  - Lead Project/OVWST interaction to match science requirements and data characteristics with the evolving designs of future instruments and measurement constellations.
- Group chair: Ralph Milliff
- *Group goal: Organize a OVW requirements workshop by the end of the calendar year*



## Senior Review Working Group

- Group charter:
  - Aid the Project in producing a compelling response to the upcoming NASA Senior Review
    - ***Prove the scientific and programmatic worth of continuing the QuikSCAT mission beyond 2007***
  - Enable the community to provide a comprehensive overview of:
    - *Science achievements to date*
    - *Future science results expected from continuing the QuikSCAT mission through 2009.*
- Group chair: Ernesto Rodríguez