

JCOMM Technical Workshop on Wave Measurements from Buoys

Val Swail

Chair, JCOMM Expert Team on Wind Waves and Storm Surges



WMO



IOC/UNESCO

Organizing Committee

- Boram Lee – Intergovernmental Oceanographic Commission of UNESCO
- Val Swail – Chair, JCOMM ETWS
- David Meldrum – Chair, JCOMM DBCP
- Peter Niiler – U. California San Diego
- Etienne Charpentier – World Meteorological Organization
- Alice Soares – World Meteorological Organization

- Day 1 - 12 Presentations, 20 minutes, limited questions
- Day 1 - 3 Discussion sessions 45-60 minutes each
- Day 2 - Discussion session to plan way forward, Action Plan and outline for Pilot Project(s)

- Workshop close at 1300 on Day 2

JCOMM Technical Workshop on Wave Measurements from Buoys

- **OBJECTIVES :**

- to provide a forum for the exchange of ideas and information related to wave measurement from moored and drifting buoys, taking into consideration the users' requirements;

- to discuss priorities for the development of cost-effective wave observing technology and for extending the network of wave measuring buoys;

- to develop a technical work plan for implementation of enhanced global wave measurements

- **EXPECTED RESULTS:**

- Input to technical work plan for implementation of enhanced spatial and temporal coverage of wave measurements on a global basis and assessment of existing and future wave measurement technology for consideration at DBCP-XXIV by DBCP and its Action Groups.

JCOMM Technical Workshop on Wave Measurements from Buoys – Program Overview

- **Session A: Review existing plans and requirements**
- **Session B: Review Scientific/Technical issues and developments (1)**
- **Session C: Review Scientific/Technical issues and developments (2)**

- **Discussion Session – Requirements for drifters**
- **Discussion Session – Requirements for moored buoy measurements**
- **Discussion Session – Technical aspects**

- **Discussion Session – Input to technical work plan, pilot projects**
- **Discussion Session – Recommendation to JCOMM including DBCP and its Action Groups**

Potential Follow up Opportunities

- Data Buoy Cooperation Panel and Technical Workshop, 13-18 2008 October Cape Town
- 11th Workshop on Wave Hindcasting and Forecasting, Fall 2009, Canada
- OceanObs09, 21-25 September 2009, Venice
- JCOMM-III 2-11 November 2009 Marrakesh Morocco