

SCIENTIFIC AND TECHNICAL WORKSHOP OF THE DATA BUOY COOPERATION PANEL

VENUE ... La Jolla
DATE ... 16-17 October 2006

The Scientific and Technical Workshops preceding the annual Data Buoy Cooperation Panel (DBCP) meetings have become an important forum for stimulating discussion among data buoy operators, designers, and data users. The twenty-second session of the DBCP (DBCP-XXII) will be hosted by the National Oceanic and Atmospheric Administration, USA. Workshop will be held at Scripps Institution of Oceanography (SIO) Sumner Auditorium and will begin Monday, 16 October 2006 and end around lunchtime on Tuesday, 17 October. Full details regarding arrangements for DBCP-XXII will be forthcoming in a separate mailing.

WORKSHOP THEME: TECHNOLOGICAL DEVELOPMENTS AND APPLICATIONS OF DATA BUOYS FOR TSUNAMI MONITORING SYSTEMS, HURRICANE AND STORM SURGES PREDICTION

1. PURPOSE OF THE WORKSHOP

The interest and participation of oceanographic and marine meteorological experts in the activities of the DBCP continues to increase each year. The DBCP Technical Workshop precedes the meeting. It presents an ideal opportunity for scientists, operators, and manufacturers to relate their experiences, to exchange knowledge, and to build on or learn from the innovations, developments and good practices of their peers.

In recognition of this year's venue, submissions relating to the North Atlantic Ocean, Gulf of Mexico, and NorthEastern Pacific Ocean are particularly encouraged.

2. CALL FOR PAPERS AND WORKSHOP THEMES

This is a call for papers to be presented during DBCP-XXII in La Jolla, California, USA. The Workshop will be organized in sessions that address the following themes:

2.1 Technological Developments – including emerging demands for new or improved technology and network performance in support of Tsunami monitoring systems, as well as hurricane and storm surge prediction; developments in buoys / instruments; innovative uses of existing technology and programmes.

2.2 Operational Enhancements – evaluation / analysis of operational performance or trials; data communications and data assimilation; performance and efficiency benchmarking; new systems and practices.

2.3 Tsunami monitoring systems – Development of Tsunami monitoring systems, including in the Pacific Ocean, the Indian Ocean, and the Mediterranean Sea

2.4 Hurricanes and storm surges - Use of buoy data for hurricane and storm surge prediction

2.5 Marine forecast – User of buoy data for operational marine forecast

2.6 Research and ocean modelling – Application of buoy data for research and for ocean modelling; case studies, with a particular focus on the North Atlantic Ocean, the Gulf of Mexico, and the NorthEastern Pacific Ocean.

3. WORKSHOP FORMAT

3.1 The Workshop will begin following the official opening of DBCP-XXII at approximately 0915 hours on 16 October 2006, and will continue until approximately 1300 hours on 17

October. Each presentation will be allocated twenty minutes, which includes five minutes for questions and discussion. Any presenter requesting any change to this format should do so at the time of submitting the paper abstract.

3.2 A laptop PC with projector, as well as overhead projector for viewgraphs, will be provided. Special audio-visual requirements should be communicated to the Workshop Coordinators when the abstract is submitted.

4. SUBMISSION OF ABSTRACTS AND PAPERS AND PRESENTATION MATERIALS

4.1 Those wishing to present a paper at the Workshop should submit an abstract to the Workshop Coordinators at the earliest opportunity, but no later than 31 July 2006. As a guide, abstracts should be of no more than 200 words, indicating the nature of the presentation or paper, and its key findings or significance. An abstract of all presentations is required for inclusion in the programme.

4.2 The contact details for the Workshop Coordinators are:

Mr. Ken Jarrott
Head, Observation Systems Section
Observations and Engineering Branch
Australian Bureau of Meteorology
GPO Box 1289K Melbourne
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Australia
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4.3 After consideration of the abstracts, the Workshop Coordinators will notify presenters of their acceptance, and will invite the submission of full papers, along with a draft presenter schedule. Papers will be required by 16 September. Full texts of all presentations will be published in early 2007 on CD-ROM in the Workshop proceedings.

4.4 The Workshop Coordinators will notify presenters well in advance of the meeting of any variations to the presenter schedule or time allocation.

4.5 To minimize idle time at the Workshop, participants making presentations using electronic media should provide their presentation in PowerPoint format via e-mail or CD ROM to the Workshop Coordinators no later than close of business on Friday 30 September 2006.

5. DETAILS OF VENUE HOTELS AND TRANSPORTATION

5.1 Details regarding the venue, hotels, transportation, etc., will be sent to all nominated participants well in advance of the Workshop. All Workshop participants are welcome to participate in the subsequent session of the DBCP.

Please note that no external funding is available for participant support for the Workshop or DBCP session.