

**PAPERS TO BE INCLUDED IN THE DYNAMIC PART OF THE
GUIDE TO THE APPLICATIONS OF MARINE CLIMATOLOGY**

- 1.3 COADS Updates and the Blend with the UK Meteorological Office Marine Data Bank**
S.D. Woodruff, H.F. Diaz, S.J. Lubker, NOAA/ERL Climate Diagnostics Center, Boulder, CO, USA; S.J. Worley, National Center for Atmospheric Research, Boulder, CO, USA; J.A. Arnott, M. Jackson, D.E. Parker, Hadley Centre, Met. Office, Bracknell, UK; J.D. Elms, NOAA/NCDC, Asheville, NC, USA
- 1.4 The Kobe Collection (newly digitized Japanese historical surface marine meteorological observations);** Teruko Manabe, Maritime Meteorological Division, Japan Meteorological Agency, Tokyo, Japan
- 1.5 An Archive of Underway Surface Meteorology Data From WOCE;**
David M. Legler, Shawn R. Smith, James J. O'Brien, Center for Ocean Atmospheric Prediction Studies (COAPS), Florida State University, Tallahassee, FL, USA
- 2.1 The Accuracy of Marine Surface Winds From Ships and Buoys;** Peter K. Taylor, Elizabeth C. Kent, Margaret J. Yelland, Ben I. Moat, Southampton Oceanography Centre, Southampton, UK
- 2.2 The Storm Wind Studies (SWS);** S.G.P Skey, Kent Berger-North, Axys Environmental Systems, Sidney, BC, Canada; V.R. Swail, Environment Canada, Toronto, ON, Canada; A. Cornett, Canadian Hydraulics Centre, Ottawa, ON, Canada
- 3.1 An Intercomparison of In Situ, Voluntary Observing, Satellite Data, and Modelling Wind and Wave Climatologies;**
P. David Cotton, Satellite Observing Systems, Godalming, Surrey, UK; Peter G. Challenor, Lisa Redbourn-Marsh, Southampton Oceanography Centre, Southampton, UK; Sergey K. Gulev, P. Shirshov Institute of Oceanology, Moscow, Russia; Andreas Sterl, Royal Netherlands Meteorological Institute, De Bilt, The Netherlands; Roman S. Bortkovskii, Main Geophysical Observatory, St. Petersburg, Russia
- 3.2 The Joint Calibration of Altimeter and In Situ Wave Heights;** P.G. Challenor, Southampton Oceanography Centre, Southampton, UK; P.D. Cotton, Satellite Observing Systems Ltd., Surrey, UK
- 3.3 On the Use of In Situ and Satellite Wave Measurements for Evaluation of Wave Hindcasts;**
Andrew T. Cox, Vincent J. Cardone, Oceanweather Inc. - Cos Cob, CT, USA; Val R. Swail, Environment Canada, Toronto, ON, Canada
- 3.4 Scatterometry Data Sets: High Quality Winds Over Water;** Mark A. Bourassa, David M. Legler, James J. O'Brien, Center for Ocean-Atmospheric Prediction Studies (COAPS), Florida State University, FL, USA
- 4.1 Evaluation of Ocean Wind and Wind Wave Fields From COADS;** Sergey Gulev, Institut fur Meereskunde, Dusternbrooker Weg, Kiel, Germany; Konstantin Selemenov, P.P. Shirshov Institute of Oceanology, RAS, Moscow, Russia
- 4.5 Development of the Hadley Centre Sea Ice and Sea Surface Temperature Data Sets (HadISST);** D.E. Parker, N.A. Rayner, E.B. Horton, C.K. Folland, Hadley Centre, Met. Office, Bracknell, UK
- 5.1 Evaluation of NCEP Reanalysis Surface Marine Wind Fields for Ocean Wave Hindcasts;**
Vincent J. Cardone, Andrew T. Cox, Oceanweather Inc., Cos Cob, CT, USA; Val R. Swail, Environment Canada, Toronto, ON, Canada
- 6.4 Analysis of Wave Climate Trends and Variability;** Val R. Swail, Environment Canada, Toronto, ON, Canada; Andrew T. Cox, Vincent J. Cardone, Oceanweather Inc., Cos Cob, CT, USA
- 7.1 Outlier Detection in Gridded Ship's Datasets;** Pascal Terray, Laboratoire d'Océanographie Dynamique et de Climatologie, Université Paris 7, Paris, France

- 7.2 A Methodology for Integrating Wave Data From Different Sources Permitting a Multiscale Description of Wave Climate Variability;** G.A. Athanassoulis, Ch.N. Stefanakos, National Technical University of Athens, Dept. of Naval Architecture & Marine Engineering, Athens, Greece; S.F. Barstow, OCEANOR, Oceanographic Company of Norway, Trondheim, Norway
- 7.3 Reduced Space Approach to the Optimal Analysis of Historical Marine Observations: Accomplishments, Difficulties, and Prospects;** A. Kaplan, M.A. Cane, Y. Kushnir, Lamont Doherty Earth Observatory of Columbia University, Palisades, New York, USA
- 8.1 Improving Global Flux Climatology: The Role of Metadata;** Elizabeth C. Kent, Peter K. Taylor, Simon A. Josey, Southampton Oceanography Centre, Southampton, UK
- 8.2 Establishing More Truth in True Winds;** Shawn R. Smith, Mark A. Bourassa, Ryan J. Sharp, Center for Ocean-Atmospheric Prediction Studies, The Florida State University, Tallahassee, FL, USA
- 8.3 In-Situ Marine Observations Available Within Operational Time Frames;** Jean Gagnon, Paul-André Bolduc, Department of Fisheries and Oceans, Marine Environmental Data Service Branch, Ottawa, ON, Canada
- 9.1 Offshore Industry Requirements and Recent Metocean Technology Developments;** C.J. Shaw, Chairman OGP Metocean Committee, and Shell EP Technology, Netherlands
- 9.2 Specific Contributions to the Observing System: Sea Surface Temperatures;** Richard W. Reynolds, National Climate Data Center, NESDIS, Camp Springs, Maryland, USA
- 10.1 Importance of Marine Data to Seasonal Forecasting in Australia;** Scott Power, Australia's National Climate Centre, Melbourne, Australia

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