



## ANNOUNCEMENT

### ***Third JCOMM Workshop on Advances in Marine Climatology (CLIMAR-III) 6-9 May 2008, Gdynia, Poland***

#### **Objectives**

- To review ongoing developments in the flow and standardization of marine (meteorological and oceanographic) data and metadata under JCOMM.
- To foster and coordinate the development of marine (meteorological and oceanographic) climate data and products, including ICOADS.
- To encourage appropriate contributions for the Dynamic Part of the WMO *Guide to the Applications of Marine Climatology*.



FIG. 10.17.1991. Rigging and mast arrangement on board the "Challenger".

#### **Structure**

The Workshop will comprise oral presentations and a poster session, including both invited and contributed papers. Invited speakers will be identified by the organizers. Presentations are solicited under these six Sessions:

##### ***Session I: Characteristics of Observational Data***

- Characteristics of the data available from marine and oceanographic observing platforms, primarily encompassing Voluntary Observing Ships (VOS) and Research Vessels, buoys, and other automated in situ Ocean Data Acquisition Systems (ODAS); and secondarily considering some satellite data characteristics

##### ***Session II: Data Management***

- Review of the flow of marine and oceanographic observational data within and related to JCOMM, best practices (including emerging standards for metadata, data quality, and quality control), historical and contemporary data and metadata rescue, and the status of and plans for ICOADS

##### ***Session III: Product Development Methodologies***

- Methodologies for the development of marine and oceanographic climate products, including the utilization of quality controls and data quality assessments, and parameterizations

##### ***Session IV: New Climate Products***

- New marine and oceanographic climate products

##### ***Session V: Observation-based Analyses of Climate Variability and Change***

- Applications of marine and oceanographic data to other major avenues of climate research, including indices, variability, and global change

##### ***Session VI: Initialization and Assessment of Climate Models***

- Applications of observational marine and oceanographic data to climate models, including reanalyses, how data are used to assess and improve models, and vice versa, and aspects of climate prediction

## Background

The Third JCOMM "Workshop on Advances in Marine Climatology" (CLIMAR-III), to be held in Gdynia, Poland from 6-9 May 2008, aims to build on the outcomes of the two previous CLIMAR workshops (2003 and 1999); and on the outcomes of the alternating and closely related "Advances in the Use of Historical Marine Climate Data" (MARCDAT) workshops (2005 and 2002). All these workshops have brought together a wide spectrum of marine data users and managers of marine data and products, and have included an underlying focus on the continuing evaluation, utilization, and improvement of ICOADS (<http://icoads.noaa.gov>).

CLIMAR-II took place at Residence Palace, Brussels, Belgium, 17-22 November 2003, together with the 150th anniversary celebration of the Brussels Maritime Conference of 1853. CLIMAR-II focused on key issues of marine climatology such as development of new-generation global and regional climatologies of basic surface variables, and of improved surface air-sea fluxes governing the impact of the oceans on atmospheric climate variability.

An additional workshop goal was to revise *Advances in the Applications of Marine Climatology* (JCOMM TR No. 13 and WMO/TD-No. 1081)—which constitutes the Dynamic Part of the *Guide to the Applications of Marine Climatology* (WMO/TD-No. 781)—and the resulting Revision 1 (June 2005) of this publication recently became freely available via the WMO website ([http://www.wmo.int/pages/prog/amp/mmop/publication\\_s.html](http://www.wmo.int/pages/prog/amp/mmop/publication_s.html)). Based on the success of these past workshops, JCOMM-II (Halifax, September 2005), agreed to the proposal for a third such self-funded workshop.

**Participation:** invited and anticipated from a wide range of professionals involved in the fields of applications of marine climatology, climatological data archival and retrieval, climate research including modeling, and users of marine climate data and products.

**Organization and Sponsors:** The workshop is being organized jointly by the Joint World

Meteorological Organization (WMO)/Intergovernmental Oceanographic Commission (IOC) Technical Commission for Oceanography and Marine Meteorology (JCOMM) and the Institute of Meteorology and Water Management (IMGW), Poland. (Sponsorship still being finalized.)

**Workshop Outcomes:** A special journal issue is planned as one outcome from CLIMAR-III, representing a second revision of *Advances in the Applications of Marine Climatology*. Authors of both the oral and poster sessions will be strongly encouraged to submit a full paper to this special journal issue, with publication anticipated by approximately late 2009.

A JCOMM Technical Report (CD-ROM) will also be published, which will include abstracts and electronic (pdf) presentations from authors. The Technical Report will be distributed to the participants and to all National Meteorological Services.

## Local Information

The workshop will be held in Gdynia, an 81-year-old city (pop. 260K) located in northern Poland, on the coast of the Baltic Sea and Gulf of Gdansk. CLIMAR-III is being organized locally by the Maritime Branch in Gdynia of the Polish Institute of Meteorology and Water Management (IMGW; 81-342 Gdynia, Waszyngtona Street 42, tel: +48 58 6288100, fax: +48 58 6288163). The following team is responsible for local organization:

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The meeting venue is located at the University of Gdansk, Institute of Oceanography, 81-378 Gdynia, Marszałka Piłsudskiego Av. 46. Technical facilities, including a laptop computer running MS Windows/Powerpoint, multimedia projector, overhead projector, and WiFi, will be available.

Please refer to the workshop website (<http://icoads.noaa.gov/climar3/>) for additional background and many other details of transportation, lodging, climatological, and tourist information.



Gdynia photo credits (numbered left to right): Mr. Maurycy Mierzchalski (1), Mr. Tomasz Degorski (2-4), Mr. Witold Węgrzyn (5-6), and Mr. Zygmunt Grabowiecki (7)

## Organizers

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Thomson, C.W. (1878) *The Voyage of the Challenger: the Atlantic* (photograph courtesy of the NOAA Photo Library); see workshop website (<http://icoads.noaa.gov/climar3/>) for other image credits.

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