

First Argo Science workshop

Yakurt Hall
1-1-19 Higashi-Shinbashi,
Tokyo, Japan

November 12-14 2003

Principal Sponsors

Japan Marine Science and Technology Agency (JAMSTEC)
US National Oceanic and Atmospheric Administration (NOAA)

Background

Argo is a pilot project of the Global Ocean and Global Climate Observing Systems and is co-sponsored by the WCRP's Climate Variability and Predictability project (CLIVAR) and the Global Ocean Data Assimilation Experiment (GODAE). Argo is building towards an array of 3000 floats that will each deliver profiles of temperature and salinity at 10 day intervals between the ocean surface and 2000m. The floats are planned to cover the ice-free regions of the global ocean. Data are freely exchanged both in real time and in delayed mode. The array has now reached 25% of its final total and will reach the 33% mark in late 2003. The final array is planned for completion in 2006

Workshop objectives

This is the first meeting specifically dedicated to demonstrating the early achievements of Argo. It presents an opportunity to :-

- Exchange information on the early results obtained using Argo and other profiling floats
- Demonstrate the present and likely future value of Argo for a wide range of applications
- Identify ways in which Argo can best meet the needs of scientists and ocean applications and operational programmes

Workshop format

The workshop will be a mix of invited and submitted plenary talks, poster sessions and discussion groups. There will be demonstrations of Argo float data access. The venue will limit attendance to about 200.

Provisional list of plenary talks

The following are the likely subjects of the invited talks.

The names of speakers will be confirmed later:-

- An introduction to Argo – it's development and objectives
- Argo's impact on ocean data assimilation – experience from GODAE
- Argo's role in climate research
- Experience with Argo data at an operational forecast centres.
- The technological and data telemetry challenges of Argo
- Argo's role as an element of a Global Ocean and Climate Observing Systems
- Determination of heat and freshwater balances
- Watermass formation and variability
- Mid-depth T/S variability
- Ocean circulation from profiling floats
- Argo and satellite altimetry - an essential synergy

Session themes

- A Global and basin syntheses
- B Regional oceanographic phenomena and structures
- C Exploration of ocean processes
- D Watermass properties and their changes
- E Combination of Argo data with other observations
- F Float technology developments
- G Operational use of Argo data

Who should attend?

While most attendees will be scientists using Argo data, the workshop will also present an excellent opportunity for programme managers, science funding agencies and float producers to assess Argo's progress and to be made aware of the opportunities presented by Argo and its data set. It is hoped that float/sensor manufacturers will attend and display their products.

Accommodation

A block of rooms will be held at a conveniently located hotel. Details of how to make reservations will be announced later.

Will there be financial support for attendance?

Some support will be available. You should indicate if you need financial support when you indicate your interest in attending the meeting.

Timetable leading up to the Workshop

April 25	First announcement
May 30	Confirmation of plenary speakers Website open for abstract submissions and registration
June 16	Second announcement
September 1	Closing date for abstract submission
September 15	Acceptance of papers for poster or oral presentation Announcement of final workshop programme and timetable

Submission of abstract and expression of interest

- Please
- e-mail to argo@ucsd.edu.
 - Subject line "Argo workshop interest"
 - Give your Name, Address, Phone and Fax numbers.
 - Indicate if you would like to make a presentation
 - Title
 - Abstract of presentation (maximum 250 words)
 - Which of the session categories it covers
 - Whether you prefer a short (15min) oral or a poster presentation

If you require financial support please indicate the cost of airfare and the number of days per diem required