



Workshop: Integrating Oceanography and Environmental Monitoring for South Australian waters – Challenges for 2008

A Workshop is planned for 9am-5pm May 16th 2008 to be held at S.A. Aquatic Sciences Centre (Hamra Ave, West Beach).

The focus of the workshop will be on the needs, concerns and activities of industry, government and researchers that relate most directly to the oceanographic environment of South Australia. Currently, oceanographic/environmental studies and impacts of industry/development are examined in isolation, usually starting from scratch. This approach ignores the potential for interactions between sectors, coordination of marine observing systems as well as the potential cost savings associated with working together.

To address some of these short-comings, SARDI and Flinders University will be building a hydrodynamic/biogeochemical modelling facility that can provide holistic research solutions for the ocean circulation and phyto/zooplankton ecosystems of the South Australian shelves and gulfs. Application of this facility to areas of pollution & brine discharge, climate change, larval dispersal and aquaculture are also planned. Opportunities exist for your group/industry to be involved in applications of this facility.

To focus and enhance South Australia's research effort and outcomes, the workshop will provide industry, government and universities an opportunity to meet and identify:

- marine threats and research areas of interest.
- synergies between marine research groups & current and future requirements.
- research needs and opportunities that might make benefit of the oceanographic facility.
- industry partners who can benefit from, and contribute to this development.
- needed observational systems that will be of a general benefit.
- gaps in research capability and infrastructure.

To expedite the above, we invite a delegate from each research group, industry and government department to give a 10 minute presentation on their groups activities, needs or areas of concern regarding the marine/oceanographic environment. The talks should be accessible to the layman.

Registration: Please email your name, organisation and talk title (if giving one) to louise.renfrey@flinders.edu.au by NO LATER than Friday May 9th 2008. Lunch will be provided. For more information call John Middleton (040 222 6490).

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