

South Australia combined activity

The Institute of Marine Engineering Science and Technology
Royal Institution of Naval Architects
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Invitation to attend the

Date: 16 March 2011

Time: 5:30 for 6:00 pm start

Venue: SARDI 2 Hamra Avenue, West Beach SA 5024

Organiser: IMarEST & RINA

Registration: secretary.ausea@imarest.net

Development of South Australia's Preliminary Sanctuary Zones

Synopsis:

In 2009 the South Australian Government proclaimed the boundaries of 19 Marine Parks in South Australia's state waters, covering 44% (approx 26,900km²). Currently only the boundaries of the marine parks are in place, but the process of designing the multiple use marine parks and developing the management plans and zoning within them is underway.

South Australian Government designed preliminary sanctuary zones as a starting point to help local advisory groups, stakeholders and the wider community begin discussing how they would prefer to see our Marine Parks zoned.

An important component of Marine Protected Area design is representing the different marine habitats at adequate sizes. DENR use a variety of techniques to collect and map benthic data, including aerial imagery, swath sonar and towed video data. The mapped benthic data feeds into the marine protected area design in conjunction with over 100 other environmental, social and economic features.

Marxan, a decision support tool, was used to synthesise the large number of marine spatial features and was used to provide DENR with various outputs (options for possible sanctuary zones) that were then used with other non-spatial information to refine the preliminary sanctuary zone scenarios, which were released in November 2010.

About the speaker: Alison Wright, Project Coordinator, Marine Parks Project

Alison is currently employed as Project Coordinator for the Marine Parks Project in the Department for Environment and Natural Resources (DENR).

She completed a Degree in Environmental Management at Flinders University in 1998 and since then has been working in the field of GIS (Geographical Information Systems) and environmental management.

Alison began her career working in South Australian Government on terrestrial vegetation mapping and after a few years moved into her area of passion marine. As the GIS Marine Officer Alison began working on benthic habitat mapping in South Australian waters and focused on creating and compiling spatial information on social, environmental and economic data to assist the South Australian Government in the management of the marine environment.

For the past 10 years she has been working more specifically in the field of marine and terrestrial protected area design. Alison took a two year break from marine work in 2007 to gain wider experience and

appreciation of protected area design, working on the development of SA's terrestrial park system. In 2009 she returned to the Marine Parks Project bringing with her new knowledge and skills gained, specifically in the area of comprehensive, adequate & representative (CAR) reserve system design.

Registration:

Anyone with an interest in the above topic is most welcome and encouraged to attend. Please register your interest by sending a courtesy email to secretary.ausea@imarest.net

Note: This flyer can be circulated to anyone with an interest in the topic above.

Venue:

South Australian Research and Development Institute (SARDI)

