

FEES

General public

\$20 per person per day or \$35 for both days
(Early bird registration \$15 per person per day.
Must register by Friday 27th February 2009)
Children (minimum age 10) and University
students: FREE

Government agency employees

\$50 per person per day
(Early bird registration \$40 per person per day.
Must register by Friday 27th February 2009)

(N.B. all fees include morning tea and lunch):

How to register

Either: Fill in the enclosed Registration Form and
return with your payment to:

**Sapphire Coast Marine Discovery Centre,
P.O. Box 239, EDEN NSW 2551.**

Payment details appear at the bottom of the form

Or: Download the registration form from our
website: www.edenmarinediscovery.org.au
and return as above with your payment.

Please note that all attendees (including students)
must register for catering purposes.



A brief history of the Marine Centre

The Sapphire Coast Marine Discovery Centre was born in the late 1990s when a group from Eden began working towards new employment opportunities for the town following a decline in the traditional industries of timber and fishing. The original committee achieved charitable status through the establishment of a Trust. The concept has developed further to include not only a Discovery Centre, but a Research and Education Institute as well.

Over the next few years, the Centre began conducting low key programs to engage the local community in learning more about our local marine environment and industries. The popularity of the concept grew rapidly. For several years we operated as a "marine centre without walls" as we had no building to house our proposed Centre. In late 2007, through a Grant from the Australian Government, we acquired the leasehold on a large building in Snug Cove, Eden in which our Stage 1 Discovery Centre is now operating.

Future plans include wet and dry laboratory facilities for school children, university students, researchers and scientists, further development of the Discovery Centre displays and programs, and marine education curriculum and programs to attract school visits and hands-on experiences for all. Simultaneously, our Research Advisory Group is working to raise awareness of the abundant opportunities for scientific research our region offers.



Sapphire Coast Marine Discovery Centre

Snug Cove Wharves EDEN NSW 2551
Phone: 02 6496 1699

www.edenmarinediscovery.org.au

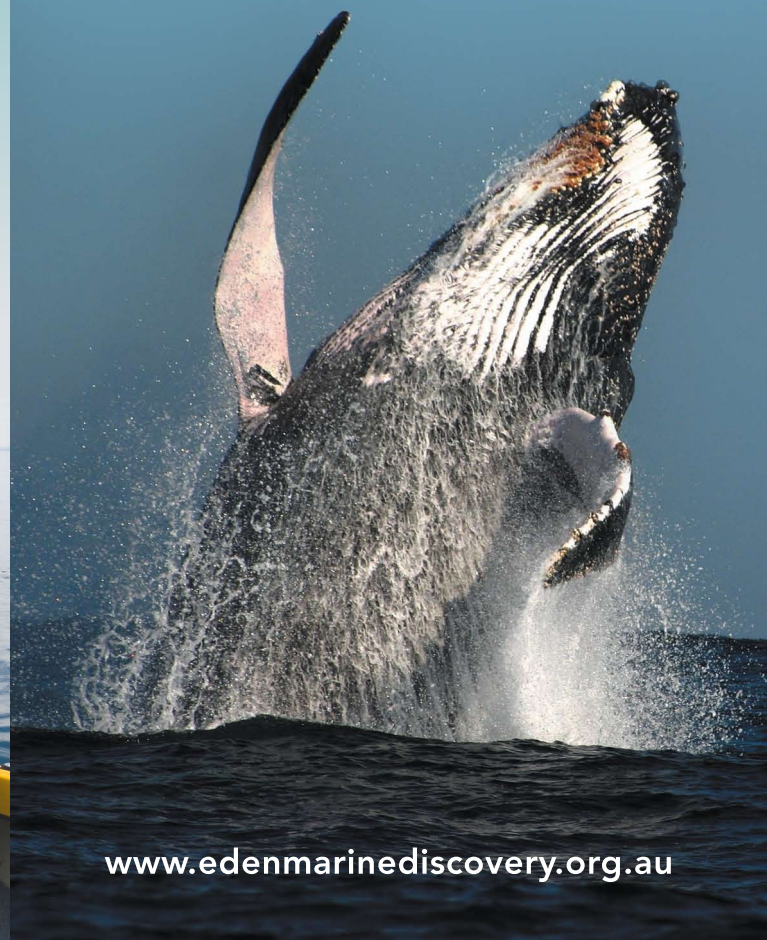


Hello Nemo – goodbye kelp

Exploring our changing coast

21st and 22nd March 2009

Venue: Eden Marine High School Hall



www.edenmarinediscovery.org.au

SATURDAY 21 MARCH 2009

9.00 am

Welcome by Professor Alan Millar – Chair – Research Advisory Group (SCMDC)

9.10 am

Formal Opening by Dr Mike Kelly MP, Federal Member for Eden-Monaro

9.20 am

Chair person – Dr Jane Williamson (Macquarie University)

9.30 am

1 Dr Susan Wijffels Principal Research Scientist - Centre for Australian Weather and Climate Research, A partnership of the Bureau of Meteorology and the Commonwealth Scientific Industrial Research Organization

Topic: The East Australia Current in a Warming World. On our blue planet, it is the oceans that control changes in the global thermostat. While soaking up vast amounts of our carbon emissions, oceans are warming, currents are changing due to wind-shifts and they may be mixing less. What will this mean for the East Australia Current system?

10.15 – 10.45am Morning tea

10.45 am

2 Professor David Booth Professor of Marine Ecology, University of Technology, Sydney, and Sydney Institute of Marine Science

Topic: Paradise lost: arrival and overwintering of vagrant tropical reef fishes in SE Australia. Every summer, a suite of colourful reef fish appears on southern reefs, most disappear as winter approaches. What can this phenomenon tell us about ocean transport off Eastern Australian and possible consequences of climate change?

11.30 am

3 Professor Alan Millar Royal Botanic Gardens Sydney

Topic: Seaweeds on our sea shore – what are they, where are they and why are they moving. Seaweeds are the main primary producers of the local marine coastal environment and have a high level of diversity in the south coast region. Knowledge of their biology and reproduction is partly explaining why changes are taking place to their local distributions.

12.15pm Lunch and afternoon activities

Saturday afternoon activities:

The following activities are available for Saturday afternoon from 2.30pm onwards:

■ 2 hour cruise around Twofold Bay with Cat Balou Cruises – cost \$50 per person.

Book early as numbers are limited

■ 2 hour snorkeling activity (no fee applicable)

■ “Beachworks” tour with Dr Anne Felton, Marine Geologist and Director of Sapphire Coast Marine Discovery Centre (no fee applicable)

■ Tour of Davidson’s Historic Whaling Station and Boyd’s Tower (tagalong tour – no other fee applicable)

■ Bushwalking, swimming, surfing, Eden Killer Whale Museum, fossicking on beaches and rocks (self guided)

Saturday evening Dinner: from 6.30pm at the Great Southern Inn, Imlay Street, Eden. \$35/head Bookings essential.

SUNDAY 22 MARCH 2009

8.45 am

Chair will deliver short summary of Saturday’s outcomes.

Chair person – Bruce Leaver (Chair – Sapphire Coast Tourism Board)

9.00 am

4 Dr Andrew Heap Geoscience Australia

Topic: Our Coasts – only a snapshot in geological time. Our present coastal environments are relatively rare in geological time, shaped by powerful forces from the land and sea. We will explore how the interactions of waves, tides and rivers combine with sediment from the land, and sea level change, produce these stunning features.

9.45 am

5 Professor Ron West University of Wollongong

Topic: Estuaries as ecological ‘hubs’: linking our rivers and oceans. The vital function that our coastal lakes and rivers have as ecological ‘hubs’ will be explored. This includes the critical role they play in the life history of many species and the devastating impact on these species from poorly planned coastal developments.

10.30-11am Morning tea

11.00 am

6 David Donnelly Marine Mammal Research Australia

Topic: The Sapphire Coast....a mecca for cetacean (whales and dolphins) diversity. The Sapphire Coast is one of the few locations in the southern hemisphere where humpback whales are known to regularly feed outside the rich feeding grounds of the Antarctic. In addition to humpbacks, 19 different species of cetaceans, occurring at least seasonally, have been recorded in this region. This number represents nearly half of the total number of cetacean species known to be distributed in Australian waters.

Drawing of Major Raffle: Prize – original oil painting by renowned artist Anna Warren “Returning to Shore”

12.30 pm Barbecue lunch and finish.



PROGRAM