

# Seaweek 2012

M E S A MARINE EDUCATION SOCIETY OF AUSTRALASIA  
www.mesa.edu.au

Seaweek Educators' Expo 2012  
Thursday 23 & Friday 24 February 2012

## MARINE DEBRIS CLEAN IT UP!

The Department of Fisheries is proud to host the **2012 Seaweek Educators' Expo** – Western Australia's premier education experience for Seaweek 2012 – at the Naturaliste Marine Discovery Centre, Hillarys Boat Harbour.

Seaweek is the Marine Education Society of Australasia's (MESA) major annual education campaign to increase understanding and appreciation of the sea and its living organisms. Seaweek will be held on the 4–10 March 2012, with the theme being 'Marine Debris - Clean it up!'

### 2012 PROGRAM AND REGISTRATION FORM



## THE SEAWEEK 2012 THEME AIMS TO:

- Identify marine debris as a major type of pollution;
- Analyse marine debris data and suggest possible sources;
- Communicate findings to schools and the community
- Examine consumption habits and subsequent impacts of marine debris on the environment, specifically relating to plastics;
- Increase awareness of human activities that can contribute to marine debris, highlighting the disconnection between consumption patterns and environmental issues/problems; and
- Focus on ways that people can help the problems caused by marine debris.

## YOUR ADVENTURE BEGINS...

Seaweeek Educators Expo is a fantastic learning and professional development opportunity; you can network with like-minded educators, meet knowledgeable marine and coastal educators and find out about the latest in marine education in Western Australia. You will be able to choose from a range of hands-on field, laboratory and class activities over the day.

## WHO SHOULD ATTEND?

Seaweeek Educators' Expo is suitable for Primary and Secondary teachers, pre-service teachers, environmental educators and anyone interested in learning more about marine education in Western Australia.

## THURSDAY 23 FEBRUARY 2012

Join us on Thursday 23 February for the start of the Seaweeek Educators Expo 2012. Registrations commence from 4pm followed by our guest speaker and a screening of the new documentary 'PLASTICIZED'.

### Guest Speaker

**Genevieve Perkins** – CSIRO Ecosystems Science

Genevieve Perkins is part of a team of scientists that are combing the Australian coastline for marine debris...all 35,000km of it! The work is part of the National Marine Debris Project and measures the impact of marine debris on sea life.

## 'PLASTICIZED' the Film

Plasticized, a documentary by Michael J Lutman, takes the viewer aboard the research vessel the *Sea Dragon*, while he shares his experience following the 5 Gyres Institute across the South Atlantic on the very first expedition studying the alarming amount of oceanic plastic pollution.



## Sundowner

Close off day one of the Seaweeek Educators Expo with a Sundowner and the opportunity to network with fellow marine educators.

## FRIDAY 24 FEBRUARY 2012

## MORNING CONCURRENT SESSIONS (1)

### Near-shore Exploration

Join Marine Studies staff from Ocean Reef SHS for a morning of reef discovery and snorkeling at Mettams Pool. Test your skills as an underwater photographer and learn how to create fish ID slates back in the classroom. You will be going for a snorkel, so bring your mask, snorkel and fins, or they can be provided for you. Wetsuits are not supplied but they are recommended. This is a practical activity that can be modified to use over a range of ages, learning areas and in a variety of contexts.

*Suitability: Primary and Secondary*

### Intertidal Discovery

Join experienced educators from the Rottnest Island Authority for an exciting session of intertidal discovery. This session uses quadrats to investigate and classify the range of creatures found in the intertidal zone. This practical activity also includes discussions on species adaptation and biology. As you will be entering the water around rocky platforms, please bring suitable footwear that you are happy to get wet.

*Suitability: Primary and Secondary*

## MORNING CONCURRENT SESSIONS (2)

### Sailing on the *Capella* & Whale Watch Program

The *Capella* is a 12.5 luxury sailing catamaran based at Rottneest Island. Get a taste of life at sea with an introduction to sailing and navigation. Launching from Hillarys you will experience team building and problem solving exercises as well as develop your seamanship skills. Stay on board and learn more about St Mary's AGS Whale Watch Program and their contribution to whale research in Western Australia.

*Suitability: Secondary*

### Marine Monitoring Programs & Sanctuary Zones Tour

Come aboard the Department of Environment and Conservation's Vessel, *La Kela* and tour Marmion Marine Parks' sanctuary zones. Learn about the monitoring programs currently in place for animals within MMP and keep watch for some of our more playful marine mammals.

*Suitability: Primary and Secondary*

## AFTERNOON CONCURRENT SESSIONS (1)

### Natural Marine Debris & Shipwreck Homes

Join the WA Museum and discover how natural marine debris, such as beach wracks, affects our oceans. Explore the relationship between shipwrecks and the formation of marine habitats for sea life.

*Suitability: Primary and Secondary*



### Sandcastle Art

Discover your creative side with this session from Coastcare. Using a range of marine debris found on the beach you'll create sand castle and sculpture masterpieces whilst discussing the impacts of rubbish on our coastal environment. Sandcastles with bottle towers and a lost shoe for a drawbridge or a crab with bottlecap eyes...the possibilities are endless!

*Suitability: Primary*

## AFTERNOON CONCURRENT SESSIONS (2)

### Biosecurity Watch

Learn about the importance of aquatic biosecurity and the impacts introduced species have on the biodiversity of Western Australia's aquatic environment with a session from the Department of Fisheries. Take a look underwater with our new snake eye camera and then carry out your own biosecurity survey of local waters using current scientific methods.

*Suitability: Secondary*

### Fouling our Oceans

Pollution can have devastating effects on the marine environment. In this introduction to cleaning up our oceans, you'll explore the effects of marine pollution from commercial and recreational vessels, how pollution enters the marine environment and methods of prevention. Learn about the specialised equipment used by the Department of Transport to tackle oil spills, chemicals and garbage that foul the ocean.

*Suitability: Secondary*

## ALL PARTICIPANTS



### Un-fantastic Plastic

Marine WATER's is an interactive and fully integrated online resource focusing on the WA marine environment. In this session we take an in-depth look at *Un-fantastic Plastic*, one of the great lesson plans available on the Marine Water's education website.

*Suitability: Primary and Secondary*

# Seaweek Educators' Expo 2012

## Thursday 23 & Friday 24 February 2012

### Registration Form

REGISTER BY TUESDAY 21 FEBRUARY 2012

#### Morning Adventure Workshops

Please number one and two (1 – 2) in order of your preference

| Morning Concurrent Sessions 1: 8.30-9.30am      | Morning Concurrent Sessions 2: 10.15am-12.15pm                               |
|---|--|
| <input type="checkbox"/> Near-shore Exploration | <input type="checkbox"/> Sailing on the <i>Capella</i> & Whale Watch Program |
| <input type="checkbox"/> Intertidal Discovery   | <input type="checkbox"/> Marine Monitoring Programs & Sanctuary Zones Tour   |

#### Afternoon Concurrent Sessions

Please number one to two (1 – 2) in order of your preference

| Afternoon Concurrent Sessions 1: 1.15-2.15pm                     | Afternoon Concurrent Sessions 2: 2.30-3.30pm |
|--|--|
| <input type="checkbox"/> Natural Marine Debris & Shipwreck Homes | <input type="checkbox"/> Biosecurity Watch   |
| <input type="checkbox"/> Sandcastle Art                          | <input type="checkbox"/> Fouling our Oceans  |

First Name

Surname

Address

Suburb

Postcode

Phone (w)

(h)

(m)

Fax:

Email:

School:

Primary or Secondary:

Year:

Any dietary requirements:

#### Seaweek Educators' Expo 2012 cost: \$66 incl. GST

Method of Payment

- Invoice School     Mastercard     Money Order     VISA  
 Cheque (payable to Department of Fisheries)

Card Number

Signed

Expiry Date

/

/

Total Payable

Cardholder's name

Please return your registration form to:

**Tanya Porter** | Events & Exhibition Coordinator | Department of Fisheries, PO Box 20, North Beach WA 6920  
Email: [tanya.porter@fish.wa.gov.au](mailto:tanya.porter@fish.wa.gov.au) | Phone: (08) 9203 0124 | Fax: (08) 9203 0347.

For more information about the 2012 Seaweek Educators' Expo, go to [www.nmdc.com.au](http://www.nmdc.com.au)