

Who?

should attend



The University of Sydney

- Coastal Managers and Researchers
- Environmental Engineers
- Marine Ecologists
- Surfing Industry Representatives
- Sport and Recreation Administrators
- Tourism Planners
- Surfers, Divers, Anglers & Surf Life Savers
- People who care about our coasts

Knowledge of Surf Reef building Concepts and Projects in one day.

1st international surfing reef Symposium

1997

Wednesday 5th March 1997
Clarendon Room, Manly Pacific Parkroyal,
Sydney Australia
Hosted by The University of Sydney



Symposium Web Site <http://www.wr.com.au/mnl/surfreet.htm>

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Crawford

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Key Note

Speakers

include:

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• **Dr Kimo Walker** - pioneer in surfing reef studies, author of "Recreational Surf Parameters" - THE benchmark piece in research, currently Director of Moffatt & Nichol Engineering USA.

• **Professor Kerry Black** - Research Professor and Head of the Coastal Section with New Zealand's National Institute of Water and Atmospheric Research (NIWA) and New Zealand's leading authority on surfing reef bathymetry.

• **Mr Angus Jackson** - Project Manager for the Surfers Paradise Beach Protection and Surf Improvement Strategy and author of "Surfing Considerations for Major Coastal Engineering Projects".

• **Mr Ed Couriel** BE, MEngSc - Coasts & Estuaries Project Engineer, Water Research Laboratory. Author of "International Literature Review of Artificial Surfing". Leading expert on "surface irregularity".

• **Professor Andy Short** - Director of the Coastal Studies Unit, University of Sydney. international renowned expert on beach morphodynamics. Author of the "Beaches of the NSW Coast" and "Beaches of the Victorian Coast". Professor Short will be Chair of the Symposium.

• **Ms Natalee Fuhrmann** - Director of Sport for Western Australia's two largest radio stations - PMFM and 94.5FM, producer of the Artificial Surfing Reef Presenter - a sales tool video. World wave ski champion 1990 to 1993.

• **Mr Andrew Pitt** B.LArch (Symposium Director) - Postgraduate researcher at the Coastal Studies Unit University of Sydney, author of "A Surfing Bathymetry for Harbord Headland", National Secretary for Surfrider Foundation Australia.

Special Invitee Guests include:

Scott Jenkins - Founder of Surfrider Foundation USA and Senior Engineer with the Scripps Institute USA.

George Greenough - surfer, filmmaker and inventor

Peter Crawford - Australian Kneeboard Champion 1968-78, photographer and magazine editor.

Barton Lynch - Professional Surfer, World Champion 1988

Wayne Bartholomew - Professional Surfer, World Champion 1978

Key Note Speakers and Presentations

Hosted by the Coastal Studies Unit of The University of Sydney, this International Surfing Reef Symposium promises to be a world's first, with key note speakers discussing the leading edge issues and current projects, including:- the Harbord Recreational Reef Proposal in Sydney, the Surfers Paradise Beach Protection & Surf Improvement Strategy in Queensland, the Western Australia Artificial Surfing Reef Proposal, the Surfrider Foundation USA Surf Spot Replacement Project for El Segundo, and other Surfing Reef studies from Hawaii, California, Australia and New Zealand.



Hydro

What is it about?

- More and Better Surf Spots
- Surf Reef design
- Reef construction
- Funding and Community Demands
- Government Process and Approvals
- Environmental Impacts and Social Ramifications



Objectives of Symposium

- To provide a forum for discussion and debate on surfing reefs
- To summarise and disseminate current knowledge and experience
- To focus further research
- To facilitate networking opportunities
- To stimulate community momentum for projects that improve wave breaking quality

Benefits of Symposium

The Surfing Reef Symposium will introduce you to experienced speakers from around the world involved in cutting edge surf loci research and present key personnel involved in specific coastal projects enhancing or creating surf sites.

By attending, you will gain an in-depth knowledge of Surf and Recreational Reef building Concepts and Projects - over 30-years of hands-on knowledge and experience - consolidated into one day.

Furthermore the Symposium promises to facilitate unique and exclusive networking opportunities in the friendly atmosphere of the Manly Pacific Parkroyal - a top class Hotel overlooking Manly Beach, site of the worlds first international surfing championships.

Format of Symposium

Speakers will present theatre style with visual aids including:- video, slides, overheads, maps, charts and sketches. Each presentation will be followed by a brief question and answer period. The Closing Session includes an Open Forum Expression Session with the floor open to new themes. For a lasting record of the Symposium, guests will be provided with a dossier of Extended Abstracts on arrival. Morning tea, lunch and afternoon tea are included in the registration.

1st International Surfing Reef

Symposium

Sport and recreational facilities have never been in such high demand. In the ocean, this translates into overcrowded surf breaks, especially in and around city environs. Too many surfers and too few breaks. In Western Australia, the State Government has committed \$11.5 million dollars to build



Australia's first surfing reef in 1997. This recognises the demand by the public for the provision of additional surfing facilities.

In California, an unlikely alliance has formed between Chevron Oil and the Surfrider Foundation to build America's first man-made reef to bring the surf back to El Segundo. The restoration project signals an unprecedented recognition and respect for waves. The issue of constructing a reef for the sole purpose of providing rideable waves is no longer a dream, but is fast becoming a world wide phenomenon.

Today we have the opportunity to create specialised facilities for recreation, and the expertise to design reefbreaks that regularly produce classic waves for surfers, with associated benefits for skindivers and anglers. Reefs: incubators of the ocean, teeming with sealife. Reefs: shaping waves to be ridden, terrain to be dived and explored. Reefs: do we build them for pleasure or for profit? In a shrinking world, can we afford not to enhance the ocean? How do we do this? And at what long and short term costs? Who has the expertise to permit or propose their construction? How do we legislate? What does the public demand? This Symposium will discuss these issues in the context of current case studies.



