



12th International **Coral Reef** Symposium

9-13 July 2012 • Cairns • Queensland • Australia

Registration and Call for Abstracts



www.icrs2012.com

Invitation



It is my great pleasure as the Convenor of the 12th International Coral Reef Symposium (ICRS 2012) to invite you to submit an abstract and to register for the Symposium. The venue is the beautiful coastal city of Cairns in north Australia, during our tropical "winter", from 9 to 13 July 2012.

The ICERS meetings are the premier forum for the exchange of scientific knowledge of coral reefs.

ICRS 2012 will provide you with opportunities to showcase your recent research findings, to advance our knowledge of coral reef science, management and conservation, and to exchange ideas with colleagues. The scientific program features renowned international experts, with over 1,600 scientific talks and posters addressing major themes. Scientific field trips associated with the Symposium provide you with the opportunity to experience spectacular coral reefs on the Great Barrier Reef.

Lastly, the Symposium's social activities will showcase Australian culture and food, as you experience Aussie hospitality and friendliness.

I look forward to welcoming you to Cairns at ICERS 2012 next July.

A handwritten signature in blue ink that reads "Terry Hughes".

Terry Hughes
ICRS 2012 Convenor



Photo: Michael Marnane

About ICERS

Every four years the International Society for Reef Studies (ISRS) sanctions one major international scientific conference which presents the latest knowledge and leading edge technologies about coral reefs worldwide.

In July 2012, the world's leading natural scientists, resource managers, conservationists, economists, educators and students will meet together in Cairns to progress coral reef science, management and conservation. We welcome the return of this event to Australia for the first time since 1988.

This five day event will bring together 2,500 people from some 80 countries, to communicate their science and hear the latest advances from the international experts in coral reef science. Their research and findings are fundamental in informing international and national policies and protocols in the conservation and sustainable use of coral reefs.

The Australian Research Council Centre of Excellence for Coral Reef Studies and James Cook University are proud to host the 12th International Coral Reef Symposium (ICRS 2012) in Cairns, Australia from 9 to 13 July 2012.

ICRS 2012 is important because it provides the international science community with a forum to:

- Increase global knowledge and interest in coral reefs, including sustainable use and conservation strategies
- Showcase successful science, conservation and management efforts
- Develop collaborations and partnerships to increase international capacity to address the sustainability of coral reefs
- Increase global awareness of reef degradation and possible solutions by extensive promotion in the media.

ICRS 2012 Committees

ICRS 2012 Organising Committee

Terry Hughes (Chair), *ARC Centre of Excellence for Coral Reef Studies, James Cook University, Australia*

Eliza Glasson, *ARC Centre of Excellence for Coral Reef Studies, James Cook University, Australia*

Jennifer Lappin, *ARC Centre of Excellence for Coral Reef Studies, James Cook University, Australia*

David Yellowlees, *ARC Centre of Excellence for Coral Reef Studies, James Cook University, Australia*

Fundraising Committee

David Yellowlees (Chair), *ARC Centre of Excellence for Coral Reef Studies, James Cook University, Australia*

Dick Dodge, *National Coral Reef Institute, Nova Southeastern University, United States of America*

Eliza Glasson, *ARC Centre of Excellence for Coral Reef Studies, James Cook University, Australia*

Lorna Hempstead, *James Cook University, Australia*

Suellen Holland, *ICMS Australasia, Australia*

Maurice Knight, *U.S. Coral Triangle Support Partnership, Indonesia*

John Ogden, *Florida Institute of Oceanography, United States of America*

Ian Poiner, *Australian Institute of Marine Science, Australia*

Kathy Rankin, *Queensland Department of Employment, Economic Development and Innovation, Australia*

Fallon Smith, *ICMS Australasia, Australia*

John Tanzer, *Environmental Pathways and Solutions, Australia*

Scientific Program Committee

Terry Done (Chair), *Australian Institute of Marine Science, Australia*

Andrew Baird, *ARC Centre of Excellence for Coral Reef Studies, James Cook University, Australia*

Natalie Ban, *ARC Centre of Excellence for Coral Reef Studies, James Cook University, Australia*

Joshua Cinner, *ARC Centre of Excellence for Coral Reef Studies, James Cook University, Australia*

Ruth Gates, *Hawaii Institute of Marine Biology, United States of America*

Edgardo D. Gomez, *University of the Philippines Diliman, Philippines*

Alison Green, *The Nature Conservancy, Australia*

Jamaluddin Jompa, *Hasanuddin University, Indonesia*

Laurence McCook, *Great Barrier Reef Marine Park Authority, Australia*

Peter Mumby, *University of Queensland, Australia*

Nyawira Muthiga, *Wildlife Conservation Society, Kenya*

Magnus Nyström, *Stockholm University, Sweden*

Serge Planes, *University of Perpignan, France*

Kazuhiko Sakai, *University of the Ryukyus, Japan*

Contact

Symposium website

For updated information on ICRS 2012, to submit an abstract and to register online, please visit the Symposium website: www.icrs2012.com

Enquiries

General: info@icrs2012.com

Registration: registration@icrs2012.com

Travel and accommodation: accommodation@icrs2012.com

Tours: tours@icrs2012.com

Sponsorship: sponsorship@icrs2012.com

Exhibition: exhibition@icrs2012.com

ICRS 2012 Secretariat



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Host City and Venue

Host city

Cairns enjoys around 300 days of sunshine a year and a friendly, relaxed tropical lifestyle. Ideally situated to explore the natural wonders of two of Australia's World Heritage areas, the Great Barrier Reef and Wet Tropics Rainforest, Cairns is one of Australia's most popular holiday destinations. Balmy temperatures and low rainfall are the norm during winter in Cairns, so daily temperatures of 25° Celsius (77° Fahrenheit) and overnight temperatures of 17° Celsius (63° Fahrenheit) should be typical throughout the Symposium.

Venue

The Cairns Convention Centre is a world class meeting venue located within easy walking distance of the hotels, restaurants and shopping precincts of the city centre. Positioned at the



heart of the Asia Pacific region, and with an international airport, Cairns is a very convenient convention location. Dress is relaxed and smart casual clothes, with a light jacket for the evenings, are acceptable at most establishments.



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Program Outline

Key Dates

Sunday 8 July 2012

- 1200 – 1800 Registration
Cairns Convention Centre
- 1700 – 1830 Welcome Reception
Cairns Convention Centre

Monday 9 July – Friday 13 July 2012

- 0900 – 1000 Plenary
- 1000 – 1045 Concurrent Mini-Symposia
Morning Tea
- 1115 – 1300 Concurrent Mini-Symposia
Lunch
- 1400 – 1500 Plenary (not Wednesday)
Afternoon Tea
- 1530 – 1700 Concurrent Mini-Symposia

Evening events

Monday 9 July, Tuesday 10 July, Wednesday 11 July 2012

- 1700 – 1830 Poster Reception
Cairns Convention Centre

Thursday 12 July 2012

- 1830 – 2300 Banquet
Fogarty Park, Cairns City Centre

Abstract submission open

1 July – 1 October 2011

Early bird registration open

1 August 2011 – 1 March 2012

Field trip registration open

1 August 2011 – 1 March 2012

Photographic competition open

1 August 2011 – 30 March 2012

Notification of abstract acceptance

15 December 2011

Oral and poster presenters registration closes

1 February 2012

Submission for publication in the Proceedings closes

1 March 2012

Booking accommodation through Secretariat closes

1 June 2012



Photo: ©Giles Winstanley/pelagicon.com

Plenary Speakers



Denis Allemand

Centre Scientifique de Monaco, Monaco

Coral calcification: from cell physiology to ocean acidification



Ove Hoegh-Guldberg

University of Queensland, Australia

Coral reefs and global change: where do the solutions lie?



Jamaluddin Jompa

Hasanuddin University, Indonesia

Scientific and management challenges in conserving the reefs in the Coral Triangle region



Geoff Jones

James Cook University, Australia

Marine reserves: importance of local connectivity for fish, fishers and fisheries



Peter Kareiva

The Nature Conservancy, United States of America

Just how fragile are coral reefs? – It depends



Jane Lubchenco

National Oceanic and Atmospheric Administration, United States of America

From science to policy: using science to inform coral reef conservation and management



Helene Marsh

James Cook University, Australia

Conserving coral reef megafauna



Madeleine van Oppen

Australian Institute of Marine Science, Australia

Can old corals learn new tricks?

2012 recipient of the International Society for Reef Studies' Darwin Medal - to be announced

Mini-Symposia

The ICRS 2012 scientific program will address contemporary scientific concerns within the framework of 71 Mini-Symposia that fall under one of 22 Symposia Themes.

ICRS 2012 Symposia Themes

- 1 Reefs through time
- 2 Palaeontology
- 3 Evolution, biogeography and taxonomy
- 4 Biophysical processes
- 5 Technologies for coral reef science
- 6 Physiology and functional biology
- 7 Genomic approaches to coral reef biology
- 8 Ocean acidification
- 9 Climate change and bleaching
- 10 Modelling reef futures
- 11 Ecological dynamics, resilience and phase shifts
- 12 Life histories and reproduction
- 13 Fish and fisheries
- 14 Larval ecology, recruitment and connectivity
- 15 Biodiversity and systematics
- 16 Microbes and viruses
- 17 The Coral Triangle Initiative
- 18 Management and monitoring
- 19 Human impacts on coral reefs
- 20 Restoration of coral reefs
- 21 Water quality: impacts and management
- 22 Social, economic and cultural perspectives

ICRS 2012 Mini-Symposia Program

● Reefs through time

- 1A Reef and reef island geomorphology
Scott Smithers, Chris Perry, Paul Kench
- 1B Reef response to sea-level and environmental changes
Gilbert Camoin, Jody Webster

● Palaeontology

- 2A Pantropical palaeontology of Cenozoic coral reefs
James Klaus, Kenneth Johnson
- 2B Coral reefs: is the past the key to the future?
George Stanley, Dennis Hubbard

● Evolution, biogeography and taxonomy

- 3A Evolution, biogeography and taxonomy: general session
John Pandolfi
- 3B Genetically-based species recognition: microbes to vertebrates
Todd LaJeunesse, Allen Chen, James Reimer, Michael Hellberg
- 3C The new age of integrated coral taxonomy
Michel Pichon, Carden Wallace, Francesca Benzoni

● Biophysical processes

- 4A Water motion, abiotic and biotic processes on coral reefs
James Hench, Hunter Lenihan
- 4B Chemical ecology of coral reef ecosystems
Valerie Paul, Jennifer DeBose
- 4C Coral reef response to multiple stresses: organisms to ecosystems
Hajime Kayanne, Michio Hidaka, Allen Chen, Jih-Terng Wang

● Technologies for coral reef science

- 5A Satellite remote sensing of reef environments
Gang Liu, Chris Roelfsema, Stuart Phinn, Stacy Jupiter, Alastair Harborne, James Goodman, William Skirving, Scarla Weeks, Vittorio Brando
- 5B Sensor networks and their applications
James Hendee, Ruben van Hoodonk, Lew Gramer, Pamela Fletcher
- 5C Genomics and proteomics as tools for detecting sub-lethal stress
Robert Richmond, Cheryl Woodley, Craig Downs
- 5D Robots and machine learning techniques aiding coral reef science
Oscar Pizarro, David Kline, Robin Beaman, Greg Mitchell, Stefan Williams

● Physiology and functional biology

- 6A Cell and molecular biology of symbiosis
Simon Davy, Alex Venn, Virginia Weis
- 6B Mechanisms of calcification
Sylvie Tambutté, Michael Holcomb, Anne Cohen
- 6C Coral physiology and energetics
Christine Ferrier-Pagès, Andrea Grottoli, Stephen Levas
- 6D Coral physiology under ocean acidification
Sophie Dove

● Genomic approaches to coral reef biology

- 7A Genomic approaches to coral reef biology
Christian Voolstra, David Miller, Timothy Ravasi, Monica Medina, Sylvain Forêt

Mini-Symposia

● Ocean acidification

- 8A Organism and ecosystem responses to ocean acidification
Malcolm McCulloch
- 8B Carbonate chemistry feedbacks within reef habitats
Ryan Moyer, Dwight Gledhill, Joanie Kleypas, Kimberly Yates, Russell Brainard
- 8C Coral calcification and accretion
Ilsa Kuffner, Andreas Andersson, Nicholas Bates
- 8D Effects of ocean acidification
Chris Langdon, Katharina Fabricius
- 8E Growth records in coral cores
Timothy Cooper, Janice Lough, Neal Cantin

● Climate change and bleaching

- 9A Coral bleaching and climate change
Ray Berkelmans
- 9B Coral communities in extreme environments
Joerg Wiedenmann, John Burt, Bernhard Riegl, Charles Sheppard, Steve Coles
- 9C Ecology of mesophotic coral reefs
Marc Slattery, Michael Lesser
- 9D Refuges for corals in time and space
Marilyn Brandt, Tyler Smith, Bernhard Riegl

● Modelling reef futures

- 10A Modelling reef futures
C. Mark Eakin, Simon Donner, Peter Mumby, Cheryl Logan, Claire Spillman

● Ecological dynamics, resilience and phase shifts

- 11A Ecology and macroecology: general session
Sean Connolly, Sally Keith
- 11B Phase shifts and alternative states on coral reefs
Albert Norström, Magnus Nyström
- 11C Seaweed-coral competition
Douglas Rasher, Mark Hay
- 11D The boom and bust of urchins and starfish
Nicholas Dulvy, Rowan Trebilco, Julia Baum
- 11E Long-term change in coral reef ecosystems
Loren McClenachan, Dalal Al-Abdulrazzak, Jack Kittinger

● Life histories and reproduction

- 12A Life histories and reproduction
Andrew Baird, Joshua Madin, Mia Hoogenboom

● Fish and fisheries

- 13A Fish and fisheries: general session
Glenn Almany
- 13B The changing role of fishes in coral reef ecosystems
David Bellwood, Nick Graham, Alan Friedlander
- 13C Ecological effects of habitat degradation
Andrew Hoey, Morgan Pratchett
- 13D Reef sharks and coral reefs
Andrew Chin, Nick Dulvy, Michelle Heupel, Mark Meekan, Rupert Ormond, Colin Simpfendorfer

● Larval ecology, recruitment and connectivity

- 14A The ecological importance of larval dispersal
Robert Warner, Peter Buston
- 14B Larval and settlement behaviour of coral reef organisms
Steve Simpson, Jean-Olivier Irisson, Ivan Nagelkerken, Uli Siebeck, Jeff Leis

● Biodiversity and systematics

- 15A Biodiversity and systematics: general session
Alexander Kerr
- 15B Seagrasses and seagrass ecosystems
Robert Coles, Michelle Waycott, Len McKenzie, Alana Grech
- 15C Physiology and ecology of cyanobacteria
Laurie Richardson, Miroslav Gantar
- 15D Biodiversity and coevolution of organisms associated with corals
Patrick Scaps, Jessie Haapkyla
- 15E Sponge diversity and roles in reef ecology
Christine Schoenberg, Janie Wulff
- 15F Benthic foraminifera on coral reefs
Pamela Hallock, Sven Uthicke, Jere Lipps, Willem Renema

● Microbes and viruses

- 16A Microbial mutualism in coral reef invertebrates
Nicole Webster, Tracy Ainsworth, David Bourne
- 16B Coral-microbe interactions and disease
Greta Aeby, Yui Sato, Tracy Ainsworth, David Bourne, Bette Willis, Drew Harvell, Laurie Raymundo
- 16C Immune defenses of coral reef organisms
Laura Mydlarz, Caroline Palmer, Nikki Traylor-Knowles
- 16D Functional roles of microbes in reef ecosystems
Max Teplitski, Kim Ritchie

● The Coral Triangle Initiative

- 17A Science to support the Coral Triangle Initiative
Helen Fox, Carissa Klein, Maurice Knight, Alfonso Lombana, Lida Pet
- 17B Marine protected areas and networks in the Coral Triangle
Alan White, Patrick Christie, Porfirio Aliño, Alison Green
- 17C Regional-scale design and local-scale actions for marine conservation
Bob Pressey, Rebecca Weeks
- 17D Managing bleached coral reefs
Thamasak Yeemin, Dr Suharsono, Porfirio Aliño, Affendi Yang Amri

● Management and monitoring

- 18A Evaluating management success
Duncan MacRae, Kalli De Meyer
- 18B Managing coral reef ecosystems under a changing climate
Roger Beeden, David Wachenfeld, Paul Marshall, Chloe Schauble
- 18C Spatially-explicit and multi-disciplinary approaches for coral reef conservation
Serge Andréfouët, Julie Scopelitis, Samuel Purkis, Ameer Abdulla, Shankar Aswani, Johnathan Kool
- 18D Strengthening science-management partnerships
Steven Thur, Kacky Andrews
- 18E The future of the Coral Sea reefs and sea mounts
Eric Clua, Clive Wilkinson
- 18F Does monitoring lead to improved coral reef management?
Jerker Tamelander, Gregor Hodgson, Christy Loper, Clive Wilkinson, Ruben Torres, Matthias Hammer

● Human impacts on coral reefs

- 19A Human impacts on coral reefs: general session
Natalie Ban
- 19B Coral reef resilience, conservation and management
David Obura, Paul Marshall, Alison Green, Ameer Abdulla, Ole Vestergaard, Stephanie Wear
- 19C Trade in coral reef wildlife
Cara Cooper, Daniel Thornhill, Barbara Best, Brian Tissot
- 19D Managing fish spawning aggregations
Yvonne Sadovy de Mitcheson, Martin Russell

● Restoration of coral reefs

- 20A Restoration of coral reefs
James Guest, Andrew Bauman, Buki Rinkevich

● Water quality: impacts and management

- 21A Watershed management and reef pollution
Greg Piniak, Michelle Devlin, Jon Brodie, Kathy Chaston, Paul Sturm, Rob Ferguson, Curt Storlazzi, Piers Larcombe, Joshua Voss
- 21B Enhancing coral reef resilience through management of water quality
Frederieke Kroon, Britta Schaffelke
- 21C Exploited lagoons
Loïc Charpy, Nabila Gaertner-Mazouri, Yannick Gueguen

● Social, economic and cultural perspectives

- 22A Cultural, political and historical dimensions of coral reef management
Simon Foale, Michael Fabinyi
- 22B Gender and coral reef conservation
Danika Kleiber, Amanda Vincent
- 22C Management of coral reefs in regions of high biocultural diversity
Alana Grech, Stacy Jupiter, Bob Pressey
- 22D Economic valuation and market-based conservation
Nathalie Hilmi, Tamatoa Bambridge, Jos Hill

Symposium Information

Call for abstracts – now open

The ICRS 2012 Organising Committee invites you to submit an abstract for presentation at ICRS 2012. Your abstract will be considered for an oral or poster presentation by the Chair and Co-Chairs of the Mini-Symposium to which you apply.

Please visit www.icrs2012.com/Abstracts for abstract submission guidelines, instructions and the submission form. Please note, abstracts can only be submitted online. Submissions by post, email or fax can not be accepted.

Important information:

- The closing date to submit an abstract is **1 October 2011**
- Oral and poster presentations are limited to one per person
- Accepted authors will be notified by email by **15 December 2011**
- Oral and poster presenters must register for the Symposium by **1 February 2012** to confirm their presentation in the program.

Proceedings

Delegates will receive the ICRC 2012 Proceedings in an electronic medium in their satchel onsite at registration. The Proceedings will also be downloadable from www.icrs2012.com at this time. This change in timing for Proceedings from previous ICRC meetings will require presenters to submit their manuscripts for inclusion in the Proceedings by **1 March 2012**.

Scientific field trips

Scientific field trips have been organised for ICRC 2012 participants for dates before and after the Symposium. These trips are designed to provide insight into coral reefs on the Great Barrier Reef. Their durations vary from one to four days in length and most of the trips include snorkelling and/or diving on the spectacular Great Barrier Reef.

Bookings are essential and numbers are strictly limited. Please visit www.icrs2012.com/FieldTrips for detailed information about each trip and full terms and conditions. Register online or complete the Registration Form at the back of this brochure.

Please note:

- Prices listed are correct at the time of printing
- All prices are in Australian dollars
- Dive certification and proof of emergency insurance (Diver - Alert Network) are required on all scuba dives
- If there is insufficient interest in a field trip to make it economically viable, the trip will be cancelled
- Space will be allocated in order of registrations received
- The water temperature can be expected to be between 18-23°C/64-73°F depending on the trip location
- The closing date to book is **1 March 2012**.

Field Trip 1: Lizard Island Research Station

Lizard Island Research Station is a world-leading supplier of on-reef facilities for coral reef research and education. Located 270 kilometres (168 miles) north of Cairns, the Research Station is owned and operated by the Australian Museum.

Dates

- Trip 1: 30 June 2012 – 4 July 2012
- Trip 2: 4 – 8 July 2012
- Trip 3: 14 – 18 July 2012
- Trip 4: 18 – 22 July 2012

Cost: \$2,000 per person
Number of participants: 20



Field Trip 2: Escorted reef trip with Marine Park field managers

Join Queensland Parks and Wildlife Service Marine Park field managers on a day-trip to scuba dive and/or snorkel Agincourt Reef or Moore Reef. They will share their Great Barrier Reef Marine Park expertise, giving formal and informal briefings on management issues and contemporary field management practices.

Dates

- Trip 1: 7 July 2012
- Trip 2: 14 July 2012

Cost: Between \$150 and \$200
Number of participants: Unlimited

Field Trip 3: Orpheus Island Research Station

Orpheus Island Research Station is operated by James Cook University. Located 190 kilometres (118 miles) south of Cairns and 17 kilometres (11 miles) from the coast, the Station's close proximity to the mainland provides visitors with convenient logistical support in an environment conducive to marine environment education.

Dates

Trip 1: 5 – 8 July 2012

Trip 2: 17 – 20 July 2012

Cost: \$1,650 per person

Number of participants: 20 - 40



Field Trip 4: Townsville highlights

For those who are not scuba divers or snorkelers, there is a land based tour to Townsville to visit the Museum of Tropical Queensland, Reef HQ Aquarium, the Australian Institute of Marine Science (AIMS) and the World Heritage Listed Magnetic Island.

Dates: 13 - 15 July 2012

Bookings are to be made directly with Sunferries Travel
info@sunferries.com.au

Cost: From \$759 per person

Number of participants: 20

Field Trip 5: One Tree Island Research Station

One Tree Island Research Station via Heron Island is operated by the University of Sydney. One Tree Island is located 20 kilometres (12 miles) east of Heron Island within a Great Barrier Reef Scientific Research Zone. It provides a unique opportunity to experience reef and cay environments that are free of human disturbances.

Dates: 2 – 6 July 2012

Cost: \$2,000 per person

Number of participants: 15 - 20

Sponsorship

The success of ICRS 2012 will rely heavily on the valued support provided by sponsors. An extensive range of sponsorship opportunities are available. To find out more about how to partner with ICRS 2012 and how your organisation can benefit from this association, please contact the Sponsorship Manager, Fallon Smith, ICMS Australasia:

T: +61 (0)2 9254 5000

F: +61 (0)2 9251 3552

E: sponsorship@icrs2012.com

Thank you to all our sponsors who have already committed to ICRS 2012 and to helping ensure a future for the world's coral reefs.

Exhibition

ICRS 2012 has a limited number of exhibition booths available for organisations wishing to promote their products and maintain a high profile among specialists.

The industry exhibition will be the major networking arena for delegates, sponsors and exhibitors. Take this opportunity if you are:

- An organisation that provides equipment, tools and supplies to the ocean technology and science industries
- An organisation that services the marine sciences and offshore oceanographic industries
- An academic institution with education and research programs related to coral reef science
- A government department with activities in climate change, ocean policy, oceanography and resources
- A non-governmental organisation with conservation, management and research interests in the ocean
- A scientific publisher.

Exhibition – continued

Recruit new customers and strengthen relationships with existing clients; mix informally with scientists from Australia and around the world; capture a large group of the decision makers in your market in a short time; and receive immediate feedback about new products and latest developments. Visit www.icrs2012.com/Exhibiting to see the floorplan or contact the Exhibition Manager, Fallon Smith, ICMS Australasia:

T: +61 (0)2 9254 5000

F: +61 (0)2 9251 3552

E: exhibition@icrs2012.com

Travel grants

Support for travel and accommodation expenses is available. In some cases, registration fees will also be paid for successful applicants.

Visit www.icrs2012.com/Registration&Grants for the latest grant scheme available and your eligibility to apply. Application deadlines will vary depending on the scheme.

Associated meetings and functions

The ICRS 2012 Organising Committee welcomes the arrangement of meetings and functions by your society or organisation in association with ICRS 2012.

Download the Meeting Booking Room Form at www.icrs2012.com/OtherMeetings. Please note that charges will apply for audiovisual and catering requests. A room hire fee may also apply if the room booking falls outside the hours of 0700 – 1900.

Social program

Welcome Reception

Sunday 8 July 2012

Time: 1700 – 1830

Cairns Convention Centre Outdoor Plaza

After registering your arrival, meet with old and new colleagues in a relaxed and informal environment whilst enjoying cool drinks and canapés.

*This reception is included in the registration fee for delegates and accompanying guests.
Additional tickets: \$60.00*

Poster Receptions

Monday 9 July, Tuesday 10 July and Wednesday 11 July 2012

Time: 1700 – 1830

Cairns Convention Centre behind the Plenary Hall

These receptions are included in the registration fee for delegates and accompanying guests.

ICRS 2012 Banquet

Thursday 12 July 2012

Time: 1830 – 2300

Fogarty Park, Cairns City Centre

As you feast on delicious cuisine outdoors under the stars of tropical north Australia, you will be entertained with Australian Indigenous culture. The evening will be the highlight of the social program and your opportunity to truly relax and have fun.

*The banquet is included in the registration fee for delegates and accompanying guests
Additional tickets: \$150.00*

Photographic competition

For your chance to win some of the latest underwater photographic equipment, showcase your photographic brilliance by entering the ICRS 2012 Photographic Competition, proudly sponsored by Olympus.



- The competition is open to all ICRS 2012 registered participants
- Entry is free
- You can enter up to three images
- Categories include the beauty and science of coral reefs, as well as how we interact with and depend on coral reefs
- Judges will include professional photographers and marine scientists
- The winning entries will be on display at ICRS 2012.

Enter online at

www.icrs2012.com/Program/PhotographicCompetition from **1 August 2011 – 30 March 2012.**

Accompanying guest package

If you are a guest accompanying a registered ICRS 2012 delegate, you are able to register for the accompanying guest package which entitles you to:

- Entry to the Welcome Reception
- Entry to the ICRS 2012 Banquet
- Kuranda Scenic Railway and SkyRail Rainforest Cableway full day tour
- Admission to the exhibition and poster areas, including the Poster Receptions.

To purchase the accompanying guest package, indicate your selection on your Registration Form.

Accommodation Information

The ICRS 2012 Symposium Secretariat has confirmed rooms in selected hotels for the benefit of Symposium participants. These rooms will be allocated to participants with no handling fee charged. The hotels have been selected for their proximity to the Cairns Convention Centre. You are encouraged to secure your accommodation through the Symposium Secretariat to ensure that you receive competitive rates, negotiated for Symposium delegates.

Deposits

Accommodation will not be confirmed until a deposit of one night's tariff is received. This deposit will be forwarded to your hotel and will be credited to your room account. Delegates must settle the balance of their account with the hotel concerned upon check out. If accommodation deposits are not received by 1 June 2012 your room will be released back to the hotel. The Symposium Secretariat does not take responsibility for accommodation if deposits are not received by this date.

Deadline for accommodation bookings

The Symposium Secretariat must return all unsold rooms to the hotels/apartments after 1 June 2012, therefore accommodation bookings after that date cannot be guaranteed. The rates quoted are only valid for bookings made by 1 June 2012.

Cancellations

No accommodation deposits will be refunded after 1 June 2012. Delegates who confirm an accommodation booking with a credit card and who cancel after 1 June or delegates who fail to arrive on the specified date, will be charged for the entire cost of their accommodation.

Rates quoted are:

- per room per night
- in Australian Dollars and inclusive of 10% Australian Goods and Services Tax (GST)
- subject to availability
- based on single/double/twin occupancy

Hotel	Room	Rate
Sebel Cairns	City/Mountain View	\$179.00
	Harbour View	\$199.00
	Premium Harbour View	\$229.00
Rydges Tradewinds	Superior Water View	\$175.00
	Deluxe Water View	\$195.00
	Ocean Front	\$209.00
Rydges Plaza	Standard	\$185.00
	Deluxe Twin/Queen	\$195.00
Rydges Esplanade	Standard	\$165.00
	Mountain View	\$179.00
	Ocean View	\$195.00
Pullman Reef	Superior	\$229.00
Hotel Casino	Deluxe (Waterview)	\$259.00
	Junior Suites	\$329.00
Park Regis Piermonde Apartments	2 Bedroom Apartment	\$229.00
	3 Bedroom Apartment	\$309.00
Park Regis City	Hotel Room	\$139.00
Quays Apartments	1 Bedroom Apartment	\$159.00
	2 Bedroom Apartment	\$249.00
Novotel Cairns Resort	Standard	\$170.00
Mercure Cairns Harbourside	Standard Room	\$139.00
	Incl. B'fast - Single	\$154.00
	Incl. B'fast - Twin/double	\$169.00

Late bookings

Late bookings can be made through the Symposium Secretariat after 1 June 2012 but are subject to availability, and credit card details are required to secure the reservation.

Early arrival

Some international flights arrive in Cairns in the very early morning. As check in is at 1400 at most hotels, your room may not be ready for immediate occupation if you arrive early. Whilst hotels will do everything possible to accommodate early arrivals, if you wish to be guaranteed immediate occupation you can pay an extra day's tariff for the night before you are due to arrive. If you wish to take this precaution, please advise the Symposium Secretariat on the registration form so that we can notify the hotel.

Late arrival

Please indicate if you will arrive at your hotel after 1800. Failure to do so might result in your booking being cancelled and your room given to someone else.

Change of booking

Any change in booking must be made in writing to the Symposium Secretariat and not directly to the hotel.

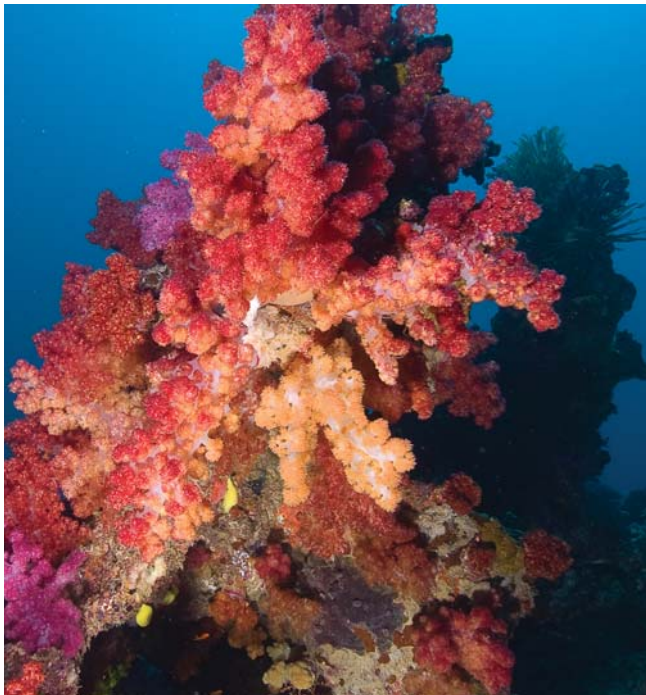


Photo: ©Giles Winstanley/pelagic.com



Photo: Simon Foale

Group accommodation bookings

The Symposium Secretariat offers organisations the opportunity to block-book ten or more rooms for the Symposium. This requires a contract to be signed by the Symposium Secretariat, ICMS Australasia, and your organisation.

For further information, please email the Symposium Secretariat with the following information:

- Choice of hotel
- Number of rooms required
- Check in and out dates
- Organisation
- Contact name.

Budget accommodation

Please note that for budget accommodation under a three star rating, you will need to contact hostels directly and not via the Symposium Secretariat. The conference hosts understand that some delegates will prefer to book directly with hostels.

Suggestions are below:

- Gilligan's Cairns - www.gilligans.com.au
- Backpackers Cairns - www.cairns.com.au/accommodation/cairns/
- Urban Central – www.urbancentral.com.au
- OzHostels – www.oz-hostels.com
- Hostel World – www.hostelworld.com
- YHA – www.yha.com.au



Registration Information

Registration – now open

To attend ICRS 2012, **register online through www.icrs2012.com** or complete the enclosed form and return it to the Symposium Secretariat by post or fax. Each delegate must complete a separate form.

Registration fees

All fees are quoted in Australian dollars and are inclusive of 10% GST (Goods and Services Tax). If you have not registered by 1 July 2012 and wish to register for the Symposium after this date you must register onsite and pay in full at the ICRS 2012 registration desk at the Cairns Convention Centre.

Early bird rate	until 1 March 2012
Standard rate	from 2 March 2012
ISRS member* early bird registration	\$940
ISRS member* standard registration	\$1,200
Early bird registration	\$990
Standard registration	\$1,250
Student** early bird registration	\$660
Student** standard registration	\$990
Single day registration	\$385
Accompanying guest early bird registration	\$440
Accompanying guest standard registration	\$505

* If registering as an ISRS member, your name will be cross-checked against the ISRS membership list.

** If registering as a student, you will be asked for evidence of your current student status.

Book of abstracts

ICRS 2012 aims to reduce its environmental impact by choosing to use procedures that have less of an impact on the planet. As such, registration fees will include an electronic copy of the abstracts. Printed versions of the abstracts will attract a surcharge of \$75 and must be ordered when registering for ICRS 2012.

We strongly encourage delegates to think of the environment before choosing to print the abstracts.

Entitlements

Full delegates/students

- Admission to all oral and poster sessions
- Admission to the industry exhibition
- Entry to the Welcome Reception and ICRS 2012 Banquet
- Admission to the three Poster Receptions
- A satchel including Program Book, and electronic copies of the Book of Abstracts and Proceedings
- Lunch, morning tea and afternoon tea, daily.

Day registrants

Day registrants will be entitled to the following on the chosen day:

- Admission to all oral and poster sessions
- Admission to the industry exhibition
- A satchel including Program Book, and electronic copies of the Book of Abstracts and Proceedings
- Lunch, morning tea and afternoon tea.

Accompanying guests

If you are a guest accompanying a registered ICRS 2012 delegate, you are able to register for the accompanying guest package which entitles you to:

- Entry to the Welcome Reception
- Entry to the ICRS 2012 Banquet
- Kuranda Scenic Railway and SkyRail Rainforest Cableway full day tour
- Admission to the exhibition and poster areas, including the Poster Receptions.

Registration cancellation policy

Cancellations must be notified in writing to the Symposium Secretariat. Cancellations made by 1 June 2012 will be refunded, less \$150.00 to cover administration costs. As an alternative to cancellation, your registration may be transferred to another person by 1 June 2012 without incurring any cost penalty. Refunds for cancellations received after 1 June 2012 will only be made in exceptional circumstances. The Symposium Secretariat must be advised in writing of any alterations or transfers.

Payments

- **Credit card** payments will appear as 'ICMS Australasia' on your credit card statement. If you are making a credit card payment from a country outside Australia, for security reasons you must first advise your banking institution of the impending charge and authorise them to allow the charge to Australia to go through. Allow up to 48 hours due to the time difference between our countries.

Payments – continued

- **Direct deposit** payments can be made using the bank details provided on the registration form. Please ensure a copy of the remittance advice or transfer receipt is sent to the Symposium Secretariat once the transfer has been completed.
- **Cheque/Bank Draft** payments must be made in *Australian Dollars* and free of all charges. Cheque/Bank Draft payable to: "ICRS 2012".

Disclaimer

All best endeavours will be made to present the program as printed in this document. The meeting and its agents reserve the right to alter without prior notice, any of the arrangements, timetables, plans or other items relating to the meeting, for any cause beyond its reasonable control. The Organising Committee and the conference organisers are not liable for any loss or inconvenience caused as a result of such alteration. In the event of unforeseen circumstances, the Organising Committee and the conference organisers do not accept responsibility for loss of monies caused by delays. Participants are advised to take out personal travel insurance and to extend their policy to cover personal possessions. The meeting does not cover individuals against cancellations of bookings or theft or damage to belongings.



Photo: Simon Foale

General Information

Available transport around Cairns

From rental cars, buses, taxis and limousines to aircraft, boats and trains, there is a broad array of transport options in the Cairns district. The major car rental companies can be located at the airport and many other car and campervan hire companies have offices in Cairns. We recommend that reservations are booked prior to arrival. Bus shuttle services regularly pick-up and set-down travellers at most hotels and accommodation establishments. Alternatively, there is a public bus network (blue Sunbus) that travels around the city of Cairns and to all suburbs including the northern beaches and Palm Cove. There are also public buses to the smaller towns including Kuranda, Port Douglas, the Atherton Tablelands, Mission Beach and Cooktown.

Banks

Banks in general are open from 0930 to 1600 Monday to Thursday and 0930 to 1700 on Fridays. Most banks are closed on weekends. Currency exchange facilities are available at the airport, most major hotels, banks and bureaux de change. Automatic teller machines (ATMs) are available at a wide variety of outlets and in most cities. Please note there is no ATM at the Cairns Convention Centre.

Car parking

The Cairns Convention Centre has 239 undercover parking spaces including seven identified disabled car parking places. Entrance to the car park is via Sheridan Street and the cost is \$4.00 per entry.

Currency

Decimal currency is used in Australia – units are dollars and cents. Current exchange rates can be obtained from your bank. All major credit cards are widely accepted in Australia.

Electricity and plug outlets

220-240V is standard in Australia. Electricity sockets take two or three flat, not rounded, prongs. North Americans and Europeans will need to buy a converter before they leave home (Australian stores are likely to stock only converters for Australian appliances to fit American and European outlets). Some large hotels have 110V outlets for electric shavers (or dual voltage).

Entertainment

There is something for everyone in Cairns with a number of coffee shops, restaurants and bars within easy walking distance of the Cairns Convention Centre and Symposium selected hotels. There is an active night club scene, a cinema complex as well as the Cairns Civic Theatre.

Internet access

The Cairns Convention Centre is wireless and there will be an Internet Café. Internet access is also widely available to visitors in many hotels and cafes in the city. Currently most Australian hotels charge for this facility.

Language

English is spoken throughout Australia and is the official language of ICRS 2012.

Mobile phones

Australia operates on a digital network, therefore analogue mobile or cell phones cannot be used.

Quarantine

Australia has strict rules about what plant and animal material can be brought into the country. Visit <http://daff.gov.au/aqis> for details.

Safety and security

Cairns enjoys a reputation as a safe tourist destination. Nevertheless, you should exercise basic safety precautions such as walking in well-lit areas and staying in a group at night, always locking your car and hotel room, and don't leave valuable items unattended in public areas.

The phone number for the emergency services in Australia is 000.

Shopping hours

Shops vary in their opening hours but are usually 0830 to 1730 Mondays to Fridays and 0900 to 1600 or 1700 on Saturdays. Many shops and small businesses are closed on Sundays. Major department stores, supermarkets and shops in tourist precincts are open 7 days a week. Supermarkets are generally open from 0800 through to 2100 Mondays through to Fridays – 0800 to 1730 on Saturdays and 0900 through to 1800 on Sundays.

Smoking

Smoking of tobacco products is banned on public transport and in all publicly accessible buildings, including hotels, restaurants and the Cairns Convention Centre.

Taxes

A Goods and Services Tax (GST) of 10% applies to all consumer goods, and is included in retail prices. An International Departure Tax is pre-paid and included in the price of your flight.

Tipping

Service charges are not added to accounts by hotels and restaurants. You may tip taxi drivers, hotel porters and restaurant wait-staff (up to 10% of bill) if you wish to acknowledge exceptional service. At any time, tipping is your choice.

Transport from the airport

From Cairns International Airport, visitors can choose to take a city transport bus or a taxi (cab). Accommodation providers, particularly backpacker hostels, also provide bus transport from the airport. It is only about 10-15 minutes from the airport to the city centre and should cost approximately \$13 – \$15.

Travel and health insurance

We strongly recommend you take out insurance policies to cover medical and travel expenses. If necessary, consult your travel agent.

Visa requirements

All travellers to Australia, other than Australian citizens, must have a valid visa. Visas are either issued electronically (ETA) with nothing appearing in the passport or through application where a sticker is required in the passport (Non-ETA). It is advisable to apply for your visa as soon as possible to ensure adequate processing time. The minimum time frame stated for an Australian visa application is six (6) weeks. See www.icrs2012.com/Accommodation for further information. For information on locations and contact details of Australian missions, visit the World Index at www.immi.gov.au/contacts/overseas

Weather during ICRS 2012

July in Cairns is the dry season which signifies the arrival of pleasantly cool temperatures which average 17-25° Celsius (62-77° Fahrenheit). Whether wet or dry, Cairns is always warm and never cold, however a jacket is recommended for the evenings.

Wheelchair access or other mobility disability access during ICRS 2012

When you register, please notify the Symposium Secretariat of mobility disabilities you have, so any venue access challenges can be addressed.



Photo: Mia Hoogenboom

Tours

A selection of pre and post Symposium tours is suggested to ICRS 2012 delegates and their guests. For further tour details please visit www.icrs2012.com/PreandPostTours
All tour costs are quoted in Australian dollars. Tours will be booked on a case by case basis and the desired dates can be chosen at the time of booking.

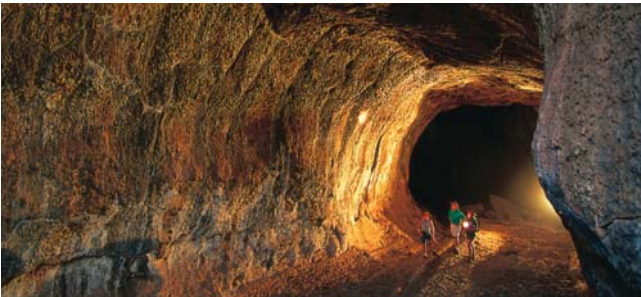
Queensland

Undara Lava Tubes

Package inclusions

- One night accommodation in railway carriage
- 2 lunches, 1 dinner, 1 breakfast
- Return coach transfers from Cairns
- National park fees
- All touring

\$480 per person, double or twin share occupancy



Port Douglas - Peppers Beach Club

Package inclusions

- Three nights accommodation in a Spa Suite
- Bottle of sparkling wine in room on arrival
- Full buffet breakfast daily
- One 90 minute couples massage
- Peppers bathrobe

\$760 per person, double or twin share occupancy



Dunk Island

Package inclusions

- Four nights in a Garden Room
- Bottle of sparkling wine and chocolates in room
- Breakfast, lunch and dinner daily
- Private five course dinner on one evening
- Spa treatments per person
- Use of non-motorised watersports

*\$1,200 per person based on twin or double occupancy
Airtfares not included*



New South Wales

Sydney and Blue Mountains

Package inclusions

- Three nights accommodation, Novotel Darling Harbour
- 1 Lunch
- Return airport transfers
- All touring

*\$1,090 per person, double or twin share occupancy
Airtfares not included*



Victoria

Melbourne and Great Ocean Road

Package inclusions

- Three nights accommodation, Swanston Hotel
Melbourne Grand Mercure
- Return airport transfers
- All touring

*\$1,090 per person, double or twin share occupancy
Airfares not included*



Northern Territory

Uluru (Ayers Rock)

Package inclusions

- Two nights accommodation, Ayers Rock Resort -
Desert Gardens Hotel
- Return airport transfers
- 1 breakfast and 1 dinner
- All touring

*\$1,150 per person, double or twin share occupancy
Airfares not included*



Contacts



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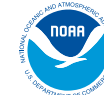
Email: accommodation@icrs2012.com

registration@icrs2012.com

Sponsors

Thank you to all our sponsors who have already committed to ICRS 2012 and to helping ensure a future for the world's coral reefs.

Symposium Co-Sponsors



The Queensland Government sponsorship was funded by the:

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- Department of Education and Training
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