

SPUMS 2023 ASM *Call for Abstracts and Save the Dates!*

CRYSTALBROOK COLLECTION'S RILEY HOTEL CAIRNS
AND THE GREAT BARRIER REEF

Let's get together at last!

THEME:

**Diver health and ocean health amid
the storm clouds of climate change.**

**A shared vision for underwater
medicine and marine science.**

SPUMS

South Pacific Underwater Medicine Society



Diveplanit Travel
Your personal dive travel agency

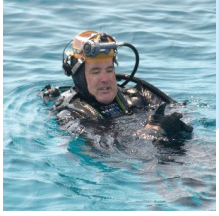


**SUNDAY JUNE 4 TO
FRIDAY JUNE 9, 2023**

REGISTER NOW

spums.au/index.php/asm-registration

Keynote Speakers:



PROFESSOR OVE HOEGH-GULDBERG FAA, UNIVERSITY OF QUEENSLAND

Ove Hoegh-Guldberg is Professor of Marine Studies at The University of Queensland and is internationally recognised for his work on the impacts of climate change, especially those that affect complex ocean ecosystems such as coral reefs. The implications of his work have led to his involvement as coordinating lead author of the Intergovernmental Panel on Climate Change (IPCC), which is the peak UN body for understanding and responding to climate change. In addition to providing critical evidence, Ove has helped build the international consensus on the importance of restraining global warming to 1.5°C above the pre-industrial period, with a particular interest in the roles that the Ocean can play in mitigation of greenhouse gas emissions. He has been a Fellow of the Australian Academy of Science since 2013, receiving the Prince Albert II Award for Climate Change in 2014, and the International Award from the Banksia Foundation in 2016. He has been recognised as a Highly Cited Researcher in 2001, 2014, 2018 and 2019 (top 1% of his field) and was recently listed among the 100 most influential people in Climate Policy globally. While painting a worrying science-based picture, Ove will also outline the opportunities for reducing climate change and its impacts, albeit with a marine focus. While the on-going challenges are Herculean, all is not lost, with the next decade promising to be among the most enthralling in human history.

www.coralreefecosystems.org/professor-ove-hoegh-guldberg/



PROFESSOR CRAIG JOHNSON, PROFESSOR, ECOLOGY & BIODIVERSITY CENTRE, IMAS, UNIVERSITY OF TASMANIA

Craig completed his PhD at Dalhousie University in Nova Scotia on the stability of kelp beds, and subsequently worked at the Bedford Institute of Oceanography in Canada, University of Cape Town, Australian Institute of Marine Science, Griffith University, and University of Queensland before moving to take up the Chair in Zoology at the University of Tasmania in 1997. He moved to the Institute of Marine and Antarctic Science (IMAS) when it was first established in 2010 and was Associate Director of IMAS and Head of the Ecology & Biodiversity Centre for 10 years. He was then appointed as the inaugural Executive Director of Innovation & Enterprise at the University of Tasmania, although recently returned to IMAS to continue research.

His research is broadly concerned with the space-time dynamics of marine ecosystems, and with predicting the distribution of biodiversity. In both areas the impacts of climate change and possible management responses dominate his recent work. He studies interactions among suites of organisms spanning bacteria, algae, invertebrates, and fish. The focus has largely been on temperate and coral reefs but has also included seafloor communities in deeper waters of the continental shelf and pelagic systems in the Southern Ocean. His research is equally divided between field work conducting experiments underwater, building computer models of marine system dynamics and spatial variation in biodiversity, and work to develop marine-based industries. His research is published in over 200 peer-reviewed publications including several edited books and has been cited over 13,000 times (H-Index 60).

Professor Johnson chaired the Marine National Facility Steering Committee 2004-14, and maintains a strong interest in ensuring open access to publically funded scientific data through initiatives such as Seamap Australia. He has played leading roles in a range of national and international initiatives including the Partnership for Observation of the Global Oceans, Global Ocean Observing System, Australian Integrated Marine Observing System (IMOS) and eMII (its data management facility), Australian National Data Service, National Environmental Science Program Marine Biodiversity Hub, the Modeling and Decision Support Working Group of the World Bank Coral Reef Targeted Research Program, and development of Australia's Marine Science and Technology Plan.

Conference Themes:

- The global impacts of climate change on coral reefs and temperate waters
- The human - marine environment interaction
- Health Impacts of climate change on land and in the ocean
- Temperate spread of tropical diseases
- Unexpected consequences - marine food poisons and envenomation
- Creative solutions for the impacts of climate change
- Marine Infections
- Paediatric Diving - workshop and position statement
- Underwater medicine and marine science - how can we join forces to create a shared vision for the future?

Convenors David Smart and Cathy Meehan

SUBMISSION OF ABSTRACTS

Abstract submissions open 1st October 2022 and must be submitted using the SPUMS 2023 ASM abstract form (which will be accessible via the website from late September 2022) and forward the completed abstract to scientific.convenor@spums.org.au

Preference will be given to abstracts that are consistent with the conference theme.

There will also be free paper streams and also poster space available.

Provisional SPUMS ASM Programme 2023

(As at 30th August 2022)

May/June	Sat June 3	Sun June 4	Mon June 5	Tue June 6
Pre Conference Trips	Delegate Travel and arrival Cairns SPUMS ExCom Meeting 9AM-12 Noon	8:30AM Registration 9:00-12:30 Keynote Conference opening session	8:30AM Registration 9:00-12:30 Keynote + Free paper Conference session 3	8:00AM Interpretive science and Dreamtime Expedition to Experience.co pontoon Included in registration for all delegates & guest registration B
				All Day
	2PM - 5PM Meeting Registration	2PM - 5:30 PM Keynote + Free paper Conference Session 2	2PM - 5:30 PM Keynote + Free paper Conference Session 4	Workshop Medicine, Marine Science and Shared Vision (Snorkeling included) ***Practical scuba diving workshops
EVENINGS				
Friday 2 June ExCom Dinner	7PM-10PM Welcome Cocktail Party Cairns Aquarium	Free Night	Possible themed dinner + guest lecturer TBA	Free Night
Wed June 7	Thu June 8	Fri June 9	Sat Jun 10	Sun Jun 11
8:00AM Interpretive science expeditions and practical ***Practical scuba diving workshops ***Separate Registration required	9:00-12:00 Workshop: SPUMS position statement SPUMS: paediatric diving 12:00 SPUMS AGM	8:00AM Interpretive science expeditions and practical ***Practical scuba diving Workshops ***Separate Registration required	Delegate travel return home	Post Conference Trips
All Day		All Day		
	2PM - 5:30 PM Final Keynote and SPUMS shared vision statement 2024 ASM Presentation Conference Session 6			
EVENINGS				
Free Night	7PM - 11PM Conference Dinner Tropical (Riley Hotel)	Conference Close Free evening		

Tuesday Dreamtime Expedition is included in all full registrations and registered guests (Includes lunch, snorkelling BUT NOT scuba diving)

*** Practical scuba diving workshops incur additional cost which is paid separately from the conference to the travel provider.

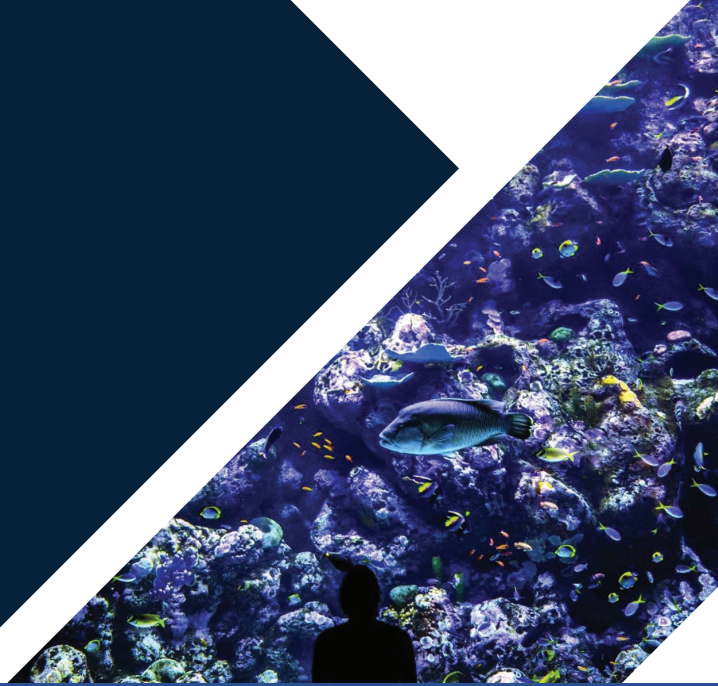
CONFERENCE SOCIAL AND SCIENTIFIC EVENTS

Welcome Cocktails at Cairns Aquarium

SATURDAY JUNE 3, 2023, 7PM TO 10PM

(Included for full registrants + Guest A and B registrations)

Surrounded by creatures from the reef and rainforest, enjoy canapes and a few drinks while exploring Cairns Aquarium at twilight. Drinks will be served with the Deep Reef Tank, Australia's deepest aquarium enclosure, providing a stunning background, with the additional option to take a tour of the Turtle Hospital the aquarium supports. Dress: Casual tropical.



Dreamtime full day Scientific Expedition to the Great Barrier Reef

TUESDAY JUNE 6, 2023, 8AM TO 530PM

(Included for all full registrants + all Guest B registrations)

Join us for a day of discovery on the Reef Magic Pontoon, where you will learn about the various marine conservation scientific programs managed by GBR Biology and listen to Dreamtime stories of the Reef told by local indigenous rangers. The day includes snorkelling sessions, transfers from your hotel, and are fully catered: morning and afternoon teas, and generous buffet lunch.

Located at Moore Reef, the Reef Magic pontoon caters for all activity levels. Snorkel in the sheltered coral lagoon, join a marine biologist on a Guided Snorkel Safari, go for a dive* or try Sea Trek Helmet Diving and visit the floating laboratory.

NOTE: Certified scuba diving is also available and can be purchased by delegates and guests for an additional fee: 1st dive \$89, 2nd dive \$59; Diving must be pre-booked through conference travel provider Diveplanit.



Conference Gala Dinner - Tropical Maritime theme

THURSDAY 8 JUNE, 2023

(Included for full registrants + Guest registrations A and B)

The Gala Dinner will be held at the Crystal Brook Riley Hotel in a private function room with pool deck access. Expect 5-star service and a three-course gourmet meal, accompanied by a selection of fine wine, beer, and soft drinks.

In keeping with the theme of the conference and the impact of climate change on coral reef systems throughout the world, all the menu items at Riley are marked with Climate Calories, so you'll be able to immediately see whether the ingredients in your dish are:

- Locally sourced within a three-hour drive, sustainably grown or caught
- Are culturally considered, using native ingredients, and working with indigenous producers
- Consciously reduce waste, using the whole ingredient
- Supplied to the restaurant in eco-friendly packaging
- Our guest speaker for the evening will be Richard Fitzpatrick ACS, internationally recognised cinematographer, and research fellow.





How to book Practical Diving Sessions and Pre- or Post-Conference Dive Liveboard Experiences.

After conference registration, bookings for accommodation, Full Day Practical Diving Sessions and pre or post dive liveboard experiences can be booked through our preferred conference Travel Provider for 2023 SPUMS ASM: www.diveplanit.com.au



Accommodation options are available at Riley, the conference venue, with a nearby budget option also available at Cairns Plaza Hotel. The pre and post liveboard trips include encounters with dwarf minke whales, an experience only possible on the Great Barrier Reef.



IMPORTANT INFORMATION FOR CONFERENCE DELEGATES

1. Delegates must first register for the conference before booking accommodation, conference practical diving workshops (including diving on the dreamtime trip) or any pre/post conference trips.
2. Delegates are encouraged to book their guests (who will be accessing conference social events and/or the Dreamtime scientific conference expedition) at the same time as they register for the conference. An option for delegate +/- single or multiple guests is available). This will assist the convenors greatly in advance planning of numbers.
3. When registration is complete, delegates will be redirected to the Diveplanit website to facilitate booking of accommodation and other experiences, should delegates wish to book these through the travel provider.
4. A SPUMS conference identifier will be issued to delegates by email, when registration is complete. Please use this identifier as proof of registration when booking accommodation or any additional experiences through Diveplanit.
5. The convenors have negotiated a special rate at the Crystal Brook Riley hotel which delegates may access via Diveplanit. A second lower cost hotel; Cairns Plaza is also available at special conference rates through Diveplanit.
6. The Dreamtime scientific conference expedition on Tuesday 7th June is included in conference registration for all full registrants and guest registration B.
7. The Dreamtime scientific conference expedition may also be booked as a single experience for accompanying guests (for example partners or children who may not be attending the cocktail party or conference dinner)
8. Please note that scuba diving is not included in the Dreamtime scientific conference expedition on Tuesday 6th June, and must be purchased separately through Diveplanit.
9. Conference delegates who wish to access conference practical diving workshops on Wednesday 7th and Friday 9th June must book these workshops through Diveplanit.
10. Delegates are encouraged to peruse the more detailed brochure from Diveplanit which covers accommodation options, diving on the Dreamtime scientific conference expedition, conference practical diving workshops, pre and post conference diving trips, and additional tropical north Queensland experiences.
11. Up to date information about the conference will be available at www.spums.org.au including updates to the conference program as it evolves.
12. The conference travel provider, Diveplanit website has more information about the additional experiences that are linked to the conference www.diveplanit.com:

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