

Reef Conservation UK

Saturday 9th December 2023

Newcastle University



08:30 Registration opens

09:20 Welcome address

09:30	John Bythell	Coral Reef Science at Newcastle University	Newcastle University
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09:40 Plenary speaker I

09:40	Tries Razak	A quarter century of advancing coral reef research in Indonesia: A personal journey	BRIN Indonesia
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10:10 Session I: Reactive reef management

	Speaker	Presentation title	Institution
10:10	Tim Lamont	Functional performance of restored coral reefs	Lancaster University
10:30	Eveline van der Steeg	The Coralassist Plug: a novel device for rapidly outplanting sexually produced corals	Newcastle University
10:45 Speed	Zach Boakes	Nutrient dynamics, carbon storage and community composition on artificial and natural reefs in Bali, Indonesia	Bournemouth University
10:50 Speed	Morven Rae-Seaman	Quantifying habitat heterogeneity to predict biodiversity on coral reefs	University of Leeds
10:55 Speed	Alice Rogers	Introducing MizerReef - a tool to predict the future of coral reef fisheries	Victoria University of Wellington

11:00 Morning break & poster session (45 min)

11:45 Session II: Advances in monitoring and fish behaviour

	Speaker	Presentation title	Institution
11:45	Edward Sibley	The capacity of Imaging Sonar for quantifying the abundance, diversity and size of reef fishes	University of Aberdeen
12:00	Katie Lee	Integrating numerical and ecological modelling to piece together the past and future of the Great Barrier Reef	University of York
12:15	Nora van Xylander	Fatty acid lipid variations in corals: Implications for bleaching susceptibility and resilience	University of St Andrews
12:30 Speed	Jonathan Teague	A demonstration of the capability of low-cost hyperspectral imaging for the characterisation of coral reefs	University of Bristol
12:35 Speed	James Boon	The influence of shelter availability and structural degradation on antipredator responses in coral reef fishes	University of Nottingham
12:40 Speed	Kirstin Gaffney	Pay-to-stay in anemonefish societies	Newcastle University
12:45 Speed	Charlotte Clay	Variation in functional composition of reef fishes along a tropical-to-temperate gradient	University of Leeds



12:50 Lunch break & poster session (70 min)

14:00 Plenary speaker II

14:00	Jane Hawkridge	Taking science to policy: insights into the workings of a public body supporting the UK Overseas Territories	Joint Nature Conservation Committee
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14:30 Session III: Reef ecology & conservation

	Speaker	Presentation title	Institution
14:30	Joerg Wiedenmann	Digesting their photosynthetic symbionts helps reef corals thrive in nutrient poor environments	Coral Reef Lab, Southampton
14:45	Gordon Watson	Can the global Marine Aquarium Trade (MAT) be a model for sustainable coral reef fisheries?	University of Portsmouth
15:00	Cynthia Riginos	Hidden dimensions of coral biodiversity: cryptic taxa, hybridisation, and why it matters for conservation	University of Gothenburg
15:15 Speed	Lisa Goberdhan	Drivers of cryptic fauna bioavailability in degraded coral reef habitats	Bangor University

15:20 Afternoon break & poster session (45 min)

16:05 Session IV: Reefs in a changing world

	Speaker	Presentation title	Institution
16:05	Nick Graham	Increased resilience and regime shift reversal through repeat mass coral bleaching	Lancaster University
16:20	Kristina Beck	Physiological response and skeletal dissolution of the cold-water coral <i>Desmophyllum pertusum</i> to multiple environmental stressors	University of Edinburgh
16:35 Speed	Amanda Ford	Comparing impacts and recovery of locally managed reefs in Fiji after exposure to extreme waves from Cyclone Winston	The University of the South Pacific
16:40 Speed	Sivajyodee Sannassy Pilly	Depth variation in benthic community response to climate change	Bangor University
16:45 Speed	Javier Gonzalez	Long-term changes of coral reef diversity patterns across a latitudinal gradient in the Great Barrier Reef	Lancaster University
16:50 Speed	Liam Lachs	Emergent increase in coral thermal tolerance reduces mass bleaching under climate change	Newcastle University
16:55 Speed	Kerri Dobson	Ocean acidification does not prolong recovery of coral holobionts from thermal stress in two consecutive years	University of Southampton

17:00 Student prizes & closing remarks

17:30 Conference closes

17:45 Drinks reception at the Great North Museum - Living Planet Gallery until 19:45