

# Reef Conservation UK

## Saturday 14<sup>th</sup> December 2019

### #RCUK2019



**09:00** Registration opens

**09:30** Welcome address

**09:35** Plenary speaker I

09:35	<i>Johann Mourier</i>	The behavioural ecology and role of reef sharks on healthy reefs	UMR MARBEC
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**10:05** Session I: Reef ecology

	<i>Speaker</i>	<i>Presentation title</i>	<i>Institution</i>
10:05	<i>Christina Skinner</i>	Carbon isotopes of essential amino acids highlight pelagic subsidies to predators on oceanic coral reefs	Newcastle University
10:20	<i>Melita Samoilyis</i>	Predicting responses of fish assemblages to coral reef condition in the Indian Ocean	CORDIO & University of Oxford
10:35	<i>Paul Nelson</i>	Uncovering the reef life of subtropical central Atlantic: A first comprehensive assessment of the shallow marine habitats of St Helena	CEFAS
10:50 Speed talk	<i>Monica McCard</i>	Pushing the switch: functional responses and prey switching by invasive lionfish mediate prey stability	Queens University Belfast

**10:55** Morning break & poster session

**11:40** Session II: Reefs in a changing world

	<i>Speaker</i>	<i>Presentation title</i>	<i>Institution</i>
11:40	<i>Michael Sweet</i>	Metabolomic profiling reveals rapid juvenile plasticity in response to acute heat stress in comparison to adult coral colonies	University of Derby
11:55	<i>Laura Warmuth</i>	Where will Indo-Pacific corals go under climate change?	Duke University
12:10	<i>Nick Graham</i>	The changing role of coral reef marine reserves in a warming climate	Lancaster University
12:25	<i>Elena Couce</i>	Global coral reef diversity forecasts for warmer, more acidic seas	CEFAS
12:40 Speed talk	<i>Holly East</i>	Seagrass meadows as valuable sources of reef island-building sediments	Northumbria University
12:45 Speed talk	<i>Joerg Weidenmann</i>	Did nutrient levels promote the 2012 bleaching event in the Persian/Arabian Gulf?	University of Southampton

**12:50** Lunch break & poster session

## 14:15 Plenary speaker II

14:15	<i>Estradivari</i>	Status, trends and impacts of Indonesian Marine Protected Areas	<i>WWF-Indonesia</i>
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## 14:45 Session III: Sustainability and management

	<i>Speaker</i>	<i>Presentation title</i>	<i>Institution</i>
14:45	<i>Emily Clark</i>	12 years on: Blue Ventures' experiences of integrating health services into a community-based marine conservation programme in southwest Madagascar	<i>Blue Ventures</i>
15:00	<i>John Turner</i>	The 'Growing Pains' of enhancing a Marine Protected Area system, Cayman Islands	<i>Bangor University</i>
15:15	<i>Hugo Harrison</i>	Are marine reserve networks a good investment? Portfolio effect stabilizes recruitment benefits	<i>James Cook University</i>
15:30	<i>Dominic Andradi-Brown</i>	Beyond no-take zones: achieving locally appropriate marine management options	<i>WWF-US</i>
15:45 <i>Speed talk</i>	<i>Eva Maire</i>	Disentangling key drivers of nutrient concentration in coral reef fish to achieve food and nutrition security	<i>Lancaster University</i>
15:50 <i>Speed talk</i>	<i>Henry Duffy</i>	Innovative approaches to co-management of reefs and small-scale fisheries in Southeast Asia	<i>Fauna &amp; Flora International</i>

## 15:55 Afternoon break & poster session

## 16:40 Session IV: Reef gubbins

	<i>Speaker</i>	<i>Presentation title</i>	<i>Institution</i>
16:40	<i>Kieran McCloskey</i>	Mitigating the impacts of motorboat noise on nest defence in tropical damselfish	<i>University of Exeter</i>
16:55	<i>Sanni Hintikka</i>	A targeted capture method for reducing non-specific amplification by COI primers in eDNA metabarcoding studies	<i>University College Dublin</i>
17:10 <i>Speed talk</i>	<i>Ines Lange</i>	Photogrammetry and 3D model comparison: A quick, easy and non-invasive method to quantify coral growth	<i>University of Exeter</i>
17:15 <i>Speed talk</i>	<i>Till Roethig</i>	Warm water deep-sea corals – microbiome analysis provides insight into functional adaption to a unique environment	<i>University of Derby</i>
17:20 <i>Speed talk</i>	<i>Ross Griffin</i>	Effectiveness of acoustic cameras as tools for assessing biogenic structures formed by <i>Sabellaria</i> in highly turbid environments	<i>Ocean Ecology Limited</i>

## 17:25 Student prizes & closing remarks

## 17:30 Drinks reception in the Zoo

## 19:30 Reception finishes



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