



## ONLINE WORKSHOP

# MARINE BENTHIC CALCIFIERS AND THEIR CONTRIBUTION TO THE OCEANIC CARBON CYCLE

## Tuesday, Sept 23<sup>rd</sup>

14:00 London Time	Opening & Workshop Overview
14:15 London Time	<b>Metabolic Signatures of Reef Builders: Unraveling Carbon Fluxes in Coral Reef Ecosystems</b> Tyler Cyronak, Georgia Southern University
15:00 London Time	<b>The afterlife of benthic carbonates: diagenetic pathways and implications for carbon neutralisation</b> Olivier Sulpis, CEREGE, Aix Marseille University
15:45 London Time	<b>Projecting the impact of coral calcification decline on the ocean carbon sink</b> Alban Planchat, University of Bern
16:30 London Time	<b>Contributions of biogenic carbonate sediments to carbon cycling and storage in coastal ecosystems</b> Alyssa Griffin, UC Davis

## Wednesday, Sept 24<sup>th</sup>

14:00 London Time	Workshop Continuation: Summary of Prior Talks
14:15 London Time	<b>Impacts of submarine groundwater discharge on coral reef calcification and biogeochemistry</b> Isaac Santos, University of Gothenburg
15:00 London Time	<b>Submarine groundwater discharge drives biogeochemical cascades on coral reefs</b> Nyssa Silbiger, University of Hawai'i
15:45 London Time	<b>Carbon flux and carbon immobilization in Marine Animal Forests: a key point to understand its importance in future management plans</b> Sergio Rossi, University of Salento/Federal University of Cear�
16:30 London Time	<b>Redefining what we consider a blue carbon ecosystem</b> Nick Kamenos, Ume� University

## Thursday, Sept 25<sup>th</sup>

14:00 London Time	Workshop Continuation: Summary of Prior Talks
14:15 London Time	<b>Coralline algal beds: An overlooked player in the ocean carbon cycle</b> Nadine Schubert, Center for Marine Sciences (CCMAR)
15:00 London Time	<b>On the capacity of bivalve farming to store atmospheric CO<sub>2</sub>: now and in the future</b> Fr�d�ric Gazeau, Laboratoire d'Oc�anographie de Villefranche
15:45 London Time	<b>Towards a blue carbon model for the European flat oyster (<i>Ostrea edulis</i>) and its application in environmental restoration</b> William Sanderson, Heriot-Watt University
16:30 London Time	<b>Blue carbon potential of shellfish reefs - first insights and case studies</b> Prantick Patra & Bernadette Pogoda, Alfred Wegener Institute