



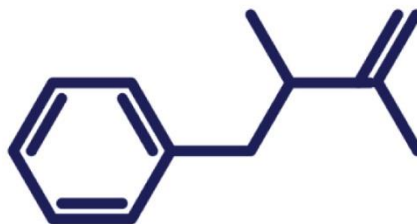
CMBR Web Conference

Blue Growth in the Eastern Mediterranean: Challenges and opportunities

May 12-13, 2021

Virtual Conference

Conference Programme



Conference Secretariat



Day 1 - Wednesday - May 12 (Time Zone: EEST)	
	<i>Welcome address by the director of HCMR & CMBR coordinator Antonios Magoulas</i>
10:00 - 12:15	Session 1 - CMBR Infrastructure towards Blue Growth <i>Chair - Georgios Kotoulas, HCMR</i>
10:00 - 10:30	Keynote Speech: European infrastructures for marine biology and ecology research and their role towards blue growth <u>Nicolas Pade</u> , Executive Director, EMBRC-ERIC
10:30 - 10:45	Overview of CMBR infrastructure <u>Antonios Magoulas</u> , CMBR Scientific Responsible, Institute of Marine Biology, Biotechnology and Aquaculture, Hellenic Centre for Marine Research, Greece
10:45 - 11:00	Marine multiuse platforms. A case study in the Eastern Mediterranean <u>Nikos Papandroulakis</u> , Research Director, Institute of Marine Biology, Biotechnology & Aquaculture, Hellenic Centre for Marine Research, Greece
11:00 - 11:15	CretaCosmos facility - an experimental tool to address complex ecosystem functioning and responses to human and natural driven environmental changes <u>Paraskevi Pitta</u> , Research Director, Institute of Oceanography, Hellenic Centre for Marine Research, Greece
11:15 - 11:30	<i>Break</i>
11:30 - 11:45	0s and 1s in marine molecular research: a regional HPC perspective <u>Evangelos Pafilis</u> , Associate Researcher, Institute of Marine Biology, Biotechnology & Aquaculture, Hellenic Centre for Marine Research, Greece
11:45 - 12:00	The Underwater Biotechnological Park of Crete, a multi-use experimental platform in the Eastern Mediterranean <u>Thanos Dailianis</u> , Associate Researcher, Institute of Marine Biology, Biotechnology & Aquaculture, Hellenic Centre for Marine Research, Greece
12:00 - 12:15	Omics in CMBR <u>Georgios Kotoulas</u> , Research Director, Institute of Marine Biology, Biotechnology & Aquaculture, Hellenic Centre for Marine Research, Greece
12:15 - 12:45	<i>Break</i>
12:45 - 15:00	Session 2 - The Blue Growth concept: policy, management & economics <i>Chair - Nikos Papandroulakis, HCMR</i>
12:45 - 13:15	Keynote Speech: Blue Valley, an emerging science park in marine biotechnology <u>Bernard Kloareg</u> , Science Coordinator of EMBRC-France Station Biologique de Roscoff, France
13:15 - 13:30	Blue Economy at the Eastern Mediterranean: Recent developments and future opportunities <u>Eleni Hatziyanni</u> , Policy Officer, European Commission - DG Maritime Affairs and Fisheries European Commission, DG Maritime Affairs and Fisheries, Brussels, Belgium
13:30 - 13:45	The Sustainability Transition: SDGs, EGD and Recovery Fund in Blue Growth <u>Phoebe Koundouri</u> , Athens University of Economics and Business; President Elect European Association of Environmental and Resource Economists; Fellow WAAS, co-Chair UN SDSN Europe; Director EIT Climate KIC HUB, Greece

13:45 - 14:00	EU research and innovation policy in support of the Blue Growth Agenda Nikos Zampoukas , Policy Officer, European Commission, DG Research & Innovation, C4 – Healthy Seas and Oceans, Brussels, Belgium
14:00 - 14:15	Break
14:15 - 14:30	Multi-Platform & Integrated Ocean Observation and Forecasting in response to science and society needs Joaquín Tintoré , Professor of Physical Oceanography, Spanish National Research Council at IMEDEAr, Director of the Spanish Large-Scale Marine Infrastructure SOCIB
14:30 - 14:45	W2Power, the floating solution to exploit offshore wind in the Mediterranean Sea (and Worldwide) Pedro Mayorga , President and CTO of EnerOcean S.L. Spain
14:45 - 15:00	Aquaculture research infrastructures for the support of blue growth Marc Vandeputte , Aquaculture Research Coordinator, French National Research Institute for Agriculture, Food and the Environment (INRAE), France
Day 2 - Thursday - May 13 (Time Zone: EEST)	
10:00 - 12:00	Session 3 - Marine Biological Resources Chair - Thanos Dailianis, HCMR
10:00 - 10:30	Keynote Speech: Basic and applied research on marine ecosystems in a changing world Ioannis Karakassis , Professor, Director of Marine Ecology Lab, Department of Biology, University of Crete, Greece
10:30 - 10:45	Integrated aquaculture of marine species for bioremediation and biomass production Loredana Stabili , Senior Researcher, Water Research Institute (IRSA), Taranto, Italy, Department of Science and Biological and Environmental Technologies, University of Salento, Lecce, Italy
10:45 - 11:00	Ecological roles and biotechnological potential of marine fungi Giovanna Cristina Varese , Professor, University of Torino, Italy Scientific Head of Mycotheca Universitatis Taurinensis
11:00 - 11:15	Break
11:15 - 11:30	Fin-fish species diversification in Mediterranean aquaculture Constantinos (Dinos) Mylonas , Director, Institute of Marine Biology, Biotechnology & Aquaculture, HCMR, Crete, Greece
11:30 - 11:45	Sustainable aquaculture progress, alternative feeds and new raw materials Katerina Kousoulaki , Senior Researcher, Nofima, Norway
11:45 - 12:00	Sponge grounds as biological resources: from the depths of the ocean to the top of skyscrapers Joana Xavier , Researcher and team leader, CIIMAR, Interdisciplinary Centre of Marine and Environmental Research, University of Porto, Portugal
12:00 - 12:30	Break
12:30 - 15:15	Session 4 - Blue Biotechnology: from genes to products Chair - Manolis Mandalakis, HCMR
12:30 - 13:00	Keynote Speech: From sequence-based bioprospecting to applications Gudmundur Hreggvidsson , Professor in Biotechnology and Microbiology at University of Iceland, Strategic leader in biotech at Matis ohf

13:00 - 13:15	Discovery of marine-derived fungal oxidases for the biotransformation of chlorinated aromatic pollutants Evangelos Topakas , Associate Professor, School of Chemical Engineering, National Technical University of Athens (NTUA), Greece
13:15 - 13:30	Hidden treasure in the waste: valorising fish by products for sustainable development of fisheries and aquaculture industries Alexia Massa-Gallucci , Senior Scientific Consultant, AquaBioTech Group, Malta
13:30 - 13:45	Biosynthetic gene cluster analysis assisted structural elucidation of complex natural products Fernando Reyes , Head of Chemistry, Fundación MEDINA, Granada, Spain
13:45 - 14:00	Break
14:00 - 14:15	Chemical diversity of understudied Irish marine invertebrates Olivier Thomas , Professor in Marine Biodiscovery, School of Chemistry and Ryan Institute, National University of Ireland Galway, Ireland
14:15 - 14:30	Marine bioactive metabolites for biomedical applications Vassilios Roussis , Professor, Department of Pharmacy, National and Kapodistrian University of Athens, Greece
14:30 - 14:45	Prospects and constraints for algae production in the Mediterranean Ioannis Tzovenis , Algae biotechnology and aquaculture, MicroPhykos, Greece
14:45 - 15:00	Biodegradation of weathered marine plastics and microplastics – Aiding the transition to Circular Economy Nicolas Kalogerakis , School of Environmental Engineering, Technical University of Crete, Greece
15:00 - 15:15	The biotechnological potential of diatoms Giovanna Romano , Senior scientist, Stazione Zoologica Anton Dohrn, Italy
15:15 - 15:30	Closing Remarks