



OCTOBER BLUE REVIEW

The monthly newsletter to keep you informed on CBG activities, news, events and opportunities.

Please contact the CBG communication team (cbg-comms@port.ac.uk) with news or events you would like to share across the Centre, or click below.

Got something to share? [Click here.](#)

NEWS

PROJECT UPDATES

- Do you want to find out more about MaCoBioS and Nature Based Solutions? [The News and Views page](#) is now live and we would love to hear from you! Marine Coastal Ecosystems Biodiversity and Services in a Changing World ([MaCoBioS](#)) is under continuation. The project's chief objective is to ensure the efficient and integrated management and conservation strategies to help the most-important marine coastal ecosystems (seagrass beds, coral reefs, mangroves, coralligenous and calcareous bio-concretion assemblages, salt marshes and kelp forests) to face climate change.
- The second phase of the [UNEP Sustainable Blue Economy Initiative](#) is underway. The team is currently working on planning the piloting phase of the Transition Framework designed to help nations transform their ocean economy into one that is sustainable. More updates to follow soon.
- The [Mapping Portsmouth's Plastic \(MAPP\)](#) project launched on Saturday the 23rd October at the Institute of Marine Sciences, in Portsmouth. In order to take targeted action on plastics, the project is asking the Portsmouth community to help map plastic pollution using the [Jetsam app](#). Over the next 5 months, they will be running 5 city-wide surveys. Download the Jetsam app and join the MAPP survey to get involved. The first survey will take place on the 12th and 13th of November.

RECENT PUBLICATIONS

1. A number of CBG members and wider University of Portsmouth staff have contributed to the latest ECO Magazine Special Issue on Marine Pollution:

- [Marine Plastics in South East Asia: A Hazard and a Solution](#), by [Dr. Laura Michie](#)
- [Finding Solutions to the Plastic Crisis](#), by [Prof. Steve Fletcher](#) and [Dr. Cressida Bowyer](#)
- [Unseen But Not Unheard: The Problem of Ocean Noise Pollution](#), by Michael Scales
- [Endocrine Disruption in the Marine Environment](#), by [Prof. Alex Ford](#) and [Dr. Susanne Vogeler](#)

2. [Akbari, N.](#), Maynou, F., Bjørndal, T., [Failler, P.](#), [Drakeford, B.](#), & [Forse, A.](#) (2021). Scenarios of profitability of western Mediterranean demersal fisheries in an effort control regime. *Journal of Environmental Management*, 300, 113794. <https://doi.org/10.1016/j.jenvman.2021.113794>

3. Although not by the CBG, the journal *Nature* has put a special focus on 'blue' food systems to help end hunger with the following open access analyses published in 2021 in support of the summit. You can download them here:

- Golden, C.D. et al. [Aquatic foods to nourish nations](#). *Nature*
- Gephart, J.A. et al., [Environmental performance of blue foods](#). *Nature*
- Short, R.E. et al., [Harnessing the diversity of small-scale actors is key to the future of aquatic food systems](#). *Nature Food*
- Tigchelaar, M. et al. [Compound climate risks threaten aquatic food system benefits](#). *Nature Food*
- Naylor, R.L. et al. [Blue food demand across geographic and temporal scales](#). *Nature Communication*

RECENT ACTIVITY

[The Network Nature Annual Event: Achieving the European Green Deal through nature based solutions](#), took place last week. [Prof. Pierre Failler](#) presented as a panellist on the way forward for the H2020 projects on Nature Based Solutions (NBS). The event discussed opportunities for upscaling, gathering

speakers from the Network Nature NBS community of practice as well as target audiences, to share experiences, and showcase best practices for ecosystem restoration that are replicable. Keep an eye out for further events hosted by Network Nature!

BIDS SUBMITTED

- A comprehensive and equitable regional fishery agreement scheme for the West Indian Ocean - [UNDP Ocean Innovation Challenge](#). Submitted by [Dr. Mialy Andriamahefazafy](#), [Dr. Louisa Wood](#) and [Prof. Pierre Failler](#).
- MARINE Systems Approaches for Biodiversity Resilience and Ecosystem Sustainability (MARINE SABRES) - HORIZON Europe Framework Programme call for Biodiversity and ecosystem services. Submitted by [Antaya March](#) and [Prof. Pierre Failler](#).



Photos by the CBG's [Ewan Tregarot](#).

UPCOMING EVENTS

LAUNCH EVENT OF 'GOVERNING BLUE DETLAS IN BANGLADESH'

On **Tuesday the 26th October** at 8:30am is the seminar and launch event titled 'Blue Governance for Sustainable Development' which will conclude a major proportion of the Global Challenges Research Fund supported project 'Blue Governance of Ganges-Brahmaputra-Meghna Delta'.

The event will launch the special issue produced in the Bangladesh Maritime Journal and the distance learning course produced jointly between the University of Portsmouth's Centre for Blue Governance and the Bangabandhu Sheikh Mujibur Rahman Maritime University (BSMRMU).

This event is an exciting opportunity to explore the collaborative outputs produced as part of the project, and offers remarks and speeches from our Vice-Chancellor, Professor Graham Galbraith; the Vice-Chancellor of BSMRMU, Rear Admiral Md. Khurshed Alam; the British High Commissioner to Bangladesh, H.E. Mr Robert Chatterton Dickson and the Minister of Education of Bangladesh; Dr. Dipu Moni.

If you are interested in attending, please indicate your interest to cbg-comms@port.ac.uk

PORTSMOUTH CLIMATE FESTIVAL

Portsmouth is holding its first ever [Climate Festival](#) to raise awareness of the implications of climate change for the city and the opportunities to make a positive difference. The festival runs from **22 October to 12 November** and is timed to link with the UK hosting the [UN Climate Change Conference COP26](#) in Glasgow in November. The Festival has been established by the University of Portsmouth, Portsmouth City Council and Portsmouth Climate Action Board. It brings together organisations and communities across the city in a range of special events to explore issues related to the [four main goals of COP26](#):

- Secure global net zero by mid-century and keep 1.5 degrees within reach
- Adapt to protect communities and natural habitats
- Mobilise finance for climate action
- Work together to rise to the challenges of the climate crisis

Anyone can get involved in the events that are on offer here: <https://portsmouthclimatefestival.org>



The closing event of the Portsmouth Climate Festival is on the 12th of November, in line with the closing of COP26 in Glasgow. The event will feature a Question Time-style panel discussion and the opportunity to question an expert panel who will discuss what happened at COP26 and what it means for climate action in Portsmouth. There will also be entertainment from the Portsmouth Music Hub. [Register here](#).

BIG SUSTAINABILITY EXPO

On Thursday the **28th October**, representatives from the Centre of Enzyme Innovation and Revolution Plastics will be hosting an exhibit at The Big Sustainability Expo. The expo, hosted at St. Mary's Stadium, Southampton, is one of the UK's leading events dedicated to the support of organisations, in both the public and private sector, as they strive to reduce their impact on the environment and move towards net-zero carbon. Attendance is free - [register beforehand here](#).

SAVE THE DATE: Climate Change Legislation, Litigation and the Rule of Law

Join leading experts in climate litigation and legislation on the 6th November during #COP26 in Glasgow for a half-day event addressing Climate Change Legislation, Litigation and the Rule of Law at the Technology and Innovation Center, with the Strathclyde Centre for Environmental Law and Governance, the LSE Grantham Research Institute on Climate Change and the Environment and the IUCN World Commission on Environmental Law and kindly supported by FILE Foundation. See attached for more details. Registration and programme to follow [here](#).

OUR OCEANS: A DEEP DIVE - SEMINAR SERIES

Through public lectures and panel debates, this event series, starting on the 24th November, will engage with experts, advisors, policymakers, and the public, to address the role our oceans can play in our collective action to reach net zero; how we can protect indigenous communities and our oceans from pollution, overfishing, and fish farming; the role and opportunities of nature-based and geoengineering solutions; and the geopolitics of our oceans. The CBG's [Prof. Pierre Failler](#) will be hosting a seminar early next year. We'll be sure to send a reminder nearer the time. [Find out more, and register here](#).

CLIMATE RISKS IN PORTSMOUTH

As part of the Portsmouth Climate Festival, and to mark day 1 of COP26 on November the 1st, the University of Portsmouth is hosting a **free in-person event** - Climate Risks in Portsmouth. Come along and hear from University of Portsmouth researchers working on the front line of climate change research how the city could be affected, and how we can build resilience through planning, infrastructure and behaviour change. There will be a panel discussion and opportunities for Q&A. [Register and find out more details here](#).

GOOD MARITIME GOVERNANCE SERIES

On **Tuesday the 26th October**, is the second instalment of the UNDP Good Maritime Governance series. It will be exploring how maritime governance connects with and supports the blue economy in archipelagic and island states. The CBG's [Prof. Steve Fletcher](#) will be moderating this week's topic on 'Connecting Good Maritime Governance with the Development of the Blue Economy in Archipelagic and Island States'. [Register here](#).

RECORDINGS OF PREVIOUS SEMINARS

In case you missed them, or want to revisit them, the recording of previous seminars and workshops can be found in the CBG drive [here](#).

RESOURCES & OPPORTUNITIES

PhD opportunity on the Evaluation of Sussex Kelp Blue Carbon Sequestration and Storage. The project aim is to identify the rate of carbon draw-down and storage in Sussex Kelp within the Sussex nearshore trawling exclusion byelaw area and also within wider Sussex waters. The PhD is with the University of Brighton, but co-supervised by UoP's [Dr. Ian Hendy](#). Applications close 29th October. [More info available here](#).

PhD opportunity on Investigating 'cross-talk' between pathogenic Vibrio and phytoplankton, and implications for human health under climate change. This PhD with the University of Exeter will undertake pioneering research to establish how the association of Vibrio with phytoplankton are controlled by infochemicals. The candidate will work at the interface of ecology, microbiology, chemistry, physiology and climate change research investigating novel questions such as (i) which infochemicals enable positive and negative 'cross-talk' of phytoplankton with selected Vibrio species; (ii) how the entire chemical landscape appears during such associations; and (iii) how such association changes in response to climate-change-induced stressor. Application closes 10th January 2022. [More info available here](#).

Horizon Europe Pump Priming Collaboration between UK and EU Partners. The British Academy (BA), the Science & Innovation Network in Europe (SIN Europe), UKRI and KTN with the support of the Academy of Medical Sciences (AMS) and the Royal Academy of Engineering (RAEng) are inviting proposals from UK and EU/associated countries-based researchers to pump prime collaborations to support the effective uptake of the opportunities UK association to Horizon Europe will provide. Proposals are welcome in all disciplines – engineering, natural sciences, medical sciences, humanities, and social sciences. More details available on the [British Academy Website](#). The deadline date is the 27th October.

The National Oceanographic Centre has free online course on Ocean Science in Action: Addressing Marine Ecosystems and Food Security in the Western Indian Ocean. The link can be found [here](#).

Be sure to follow us on Twitter for regular updates, events and research opportunities! @blue_centre





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