



## DECEMBER BLUE REVIEW

To wrap up the year, we've gathered together the different activities, opportunities and events related to the CBG to keep you updated.

Please contact the CBG communication team ([cbg-comms@port.ac.uk](mailto: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.](#)

## Wishing the entire Centre for Blue Governance network all the best for the new year!

### NEWS

#### UNESCO CHAIR

The UNESCO Chair in Ocean Governance has been awarded to Prof. Pierre Failler and the Centre for Blue Governance. The official announcement will be released in December. This prestigious award puts the CBG in the spotlight and highlights the importance of improved management of marine systems.

Based on this acceptance, we are looking to develop a sound network for supporting the UN Decade of Ocean Science by collaborating with other UNESCO chairs in marine areas. Keep an eye out for the launch event in April 2022. This award has also generated the opportunity of an exciting PhD studentship - see below.

#### PROJECT UPDATES

**MaCoBios:** Interested in the Sea? If you're receiving this newsletter, you must be! Marine Coastal Ecosystems Biodiversity and Services in a Changing World ([MaCoBioS](#)) is running a survey to understand what the public think about climate change, marine and coastal ecosystems and their management. **Find out more and take the survey:** <http://macobios.eu/survey>. It will only take about 5 minutes!

**MOVE-ON:** Gregoire Touron-Gardic has been interviewing key stakeholders in environmental management (administrations and NGOs) in Reunion Island in line with the objectives of the project to produce good practices guidance and policy recommendations tailored for overseas regions specificities and needs, pooling resources, involving and empowering local actors. Future collaborations with NGO Reef Conservation about seagrass related projects are in the pipeline. Updates will follow.

#### RECENT / UPCOMING PUBLICATIONS

- [Roberts, K.P.](#), Phang, S.C., [Williams, J.B.](#), [Hutchinson, D.J.](#), [Kolstoe, S.E.](#), de Bie, J., Williams, I.D. and Stringfellow, A.M., (2021). **Increased personal protective equipment litter as a result of COVID-19 measures.** *Nature Sustainability*, pp.1-8. [Available here.](#)
- [Roberts, K.](#), Williams, I. D., & [Kolstoe, S.](#) (2009). **COVID litter: we mapped discarded masks and gloves in 11 countries with the help of citizen science.** *The Conversation.* [Available here.](#)
- [March, A](#) & [Failler, P.](#) (2021) **Small-scale fisheries development in Africa: lessons learned and best practices for enhancing food security and livelihoods.** *Marine Policy.* (Recently accepted, under publishing)
- Lu, K., [Failler, P.](#), [Drakeford, B.](#), Wang, Q & Liu, T. (2021) **Impacts of the Recent USA and China Trade Dispute on China's aquatic products.** *China Economic Journal* (Recently accepted, under publishing).
- [Sucu, S.](#), van Schaik, M.O., [Esmeli, R.](#), [Ouelhadj, D.](#), [Holloway, T.](#), [Williams, J.B.](#), [Cruddas, P.](#), [Martinson, D.B.](#), Chen, W.S. and Cappon, H.J. (2021). **A conceptual**

framework for a multi-criteria decision support tool to select technologies for resource recovery from urban wastewater. *Journal of environmental management*, 300, p.113608. [Available here.](#)

- Asiedu, B., Okpel, P., Nunoo, F. K. E., & [Failler, P.](#) (2021). **A fishery in distress: An analysis of the small pelagic fishery of Ghana.** *Marine Policy*, 129, 104500. [Available here.](#)
- [Trégarot, E.](#), & [Failler, P.](#) (2021). **Adequacy of ecosystem services assessment tools and approaches to current policy needs and gaps in the European Union Overseas entities.** *One Ecosystem*, 6, e74170. [Available here.](#)
- Bitoun, R. E., [Trégarot, E.](#), & Devillers, R. (2021). **Bridging theory and practice in ecosystem services mapping: a systematic review.** *Environment Systems and Decisions*, 1-14. [Available here.](#)

## CALL FOR SUBMISSIONS!

A special issue in the *Journal of Sustainability Research* is being guest edited by [Prof. Pierre Failler](#) and [Antaya March](#). Titled 'Oceans and the Blue Economy', the call for submissions is open to papers that consider integrated and holistic approaches to ocean and coastal management or that take into account both economics and the environment in the context of climate change and biodiversity. [Read more, and submit papers here.](#)

## RECENT ACTIVITY

The Centre would like to extend their congratulations to PhD students Tegan Evans and Perline Bastid for passing their major reviews as part of their studentships. Perline is researching microplastic pollution in rivers, and Tegan is focusing on Transformative Blue Governance. The Centre for Blue Governance hosts a number of PhD studentships and has a number of upcoming opportunities in the near future. See the 'Opportunities' section below.

## BIDS SUBMITTED / UNDER DEVELOPMENT

- **Modern Slavery in African Blue Tourism** submitted at the request of the International Labour Organisation and the Bureau International du Travail by [Prof. Leila Choukroune](#), [Prof. Tamsin Bradley](#) and [Prof. Pierre Failler](#).
- ITOPF R&D Award: **Accidental spills of oil and cargo in the marine environment.** By Imali Manikarachchi and [Dr. Risto Talas](#).
- HORIZON-MSCA-2021-SE-01-01: **COMANCO (CO-benefits of MAngrove COnservation)** by [Ewan Tregarot](#), [Dr Cindy Cornet](#), [Prof. Simon Cragg](#) and [Dr. Ian Hendy](#). (Under development)
- HORIZON-CL6-2022-BIODIV-01-10: **Cooperation with the Convention on Biological Diversity**, By [Prof. Pierre Failler](#). (Under development).
- HORIZON-CL6-2022-COMMUNITIES-02-02-two-stage: **Developing nature-based therapy for health and well-being - Blue Therapy.** By [Dr. Zoe Saynor](#) and [Dr. Heather Massey](#). (As coordinators - under development)
- HORIZON-CL6-2022-FARM2FORK-01-04: **Innovative solutions to prevent adulteration of food bearing quality labels: focus on organic food and geographical indications (food fraud).** By [Dr. Mialy Andriamahefazafy](#) and [Prof. Lisa Jack](#). (As coordinators - under development)
- HORIZON-CL6-2022-FARM2FORK-01-04: By [Antaya March](#) and [Prof. Pierre Failler](#) with the Wageningen University as coordinators. (Under development).
- HORIZON-CL6-2022-GOVERNANCE-01-03 — Multi-layer governance performance of marine policies **"Building Innovative Governance through the Integration of Marine Policies and ACTors"**. By [Dr. Gianluca Ferraro](#) and [Prof. Pierre Failler](#). (As coordinators - under development)
- NERC-ESRC Knowledge Frontiers KF6220221 **The role of Green Space and Bio-Diversity for Economic Prosperity and Social Wellbeing in the Good City.** By [Prof. Donald Houston](#), [Dr. Heather Rumble](#), [Dr. Julia Brown](#) and [Prof. Steve Fletcher](#).



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

## UPCOMING EVENTS

### OUR OCEANS: A DEEP DIVE - SEMINAR SERIES

Through public lectures and panel debates, this event series engages 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 geoeengineering solutions; and the geopolitics of our oceans. The next seminar is on the 27th January. The CBG's [Prof. Pierre Failler](#) will be hosting a seminar in April. We'll be sure to send a reminder nearer the

time. [Find out more, and 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](#).

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## RESOURCES & OPPORTUNITIES

**PhD opportunity with the Centre for Blue Governance 'From Protected Areas to Nature Based Solutions'.** This studentship belongs to the [UNESCO Chair](#) in Ocean Governance. It will examine how novel and innovative approaches to coastal and marine governance can generate ecological, social and economic benefits for coastal communities while driving positive climate action, looking in particular at seagrass beds, kelps forests and saltmarshes across a gradient of human actions in the UK. Applications are invited for a fully-funded three year PhD to start preferably in February 2022. [Read more and apply 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.](#)

[The Centre for Doctoral Training in Sustainable Management of UK Marine Resources \(CDT SuMMeR\)](#) is launching soon, with the University of Portsmouth as a partner. Designed to deliver the next generation of innovative transdisciplinary engaged researchers, this project offers a bespoke programme for PhD studentships. **Applications for CDT SuMMeR will be open in the Spring 2022.** The first cohort of PhD studentships will commence in Autumn 2022.

**Research Master's fellowships:** Pacific Islands Ocean Acidification, NOAA. [Apply by 10 March via the university/ institute where you will/are enrolled in research Master's program Ocean Acidification](#) – an **online resource** bringing information on ocean acidification to scientists, policymakers and the public

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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