


# Commonwealth Marine Economies Programme

Enabling Safe and Sustainable Marine Economies across Commonwealth Small Island Developing States

[www.gov.uk/guidance/commonwealth-marine-economies-programme](http://www.gov.uk/guidance/commonwealth-marine-economies-programme)

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## Ed McManus – Centre for Environment Fisheries and Aquaculture Science, Programme Lead for Commonwealth Marine Environment Programme (CME Programme)

Ed has worked in marine science for 20 years. His career started in fisheries management in temperate, tropical and polar regions working closely with fishing communities. His experience includes longline and purse seine tuna fisheries in the Indian Ocean, coastal fisheries in the Caribbean and Middle East, and demersal and pelagic fisheries in Atlantic and Antarctic. Following this focus on fisheries he worked for UNEP (WCMC) on biodiversity conservation and capacity building programmes, and working with countries in relation to their commitments to Marine Protected Areas targets and reporting, and he has also worked on MPA management measures in the Wider Caribbean. Prior to his current role as the Cefas CME Programme Manager, Ed was the Cefas focal point for biodiversity conservation advice to the UK Government.



## Dr. David Righton – Centre for Environment Fisheries and Aquaculture Science, Behavioural Ecologist

David has over 20 years' research and commercial experience in temperate and tropical marine environments. Following a three-year position as manager of the marine fisheries research portfolio at the Ministry for Agriculture Fisheries and Food (now Defra), he joined Cefas in 2000 and is currently Science Leader for Fisheries and Environment Division, a role that encompasses strategic planning, science delivery, customer liaison and quality assurance. He is an active researcher and publisher; his research interests encompass fish behaviour and ecology, as relevant to evolution and significance of migration, spatial dynamics and foraging strategy, and in relation to environmental variability and management of fisheries/ human impacts. He was the leader of the EU CODYSSEY and EU EELIAD projects. His science role is underpinned by a strong background in project management and delivery of complex interdisciplinary and multi-partner/ country projects for UK Government and the EU



## Mark Kirby – Centre for Environment Fisheries and Aquaculture Science, Programme Director for Oil & Gas and Emergency Response

Mark is currently responsible for the overall delivery of Cefas' broad portfolio of advisory, research and consultancy work to the Oil and Gas and Emergency Response sectors. His scientific background is in ecotoxicology and in particular its use in the assessment offshore industry and oil spill impacts. With over 25 years of experience of research & development and regulatory advice in this field and over 25 peer reviewed scientific papers, Mr. Kirby is a nationally and internationally recognised expert in the regulation and assessment of offshore activities and a key advisor to UK government departments, international and commercial clients. He also chairs the Premium steering group overseeing a UK wide initiative to promote best practice in science and management of post-spill environmental monitoring.



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## Michelle Devlin – Centre for Environment Fisheries and Aquaculture Science, Senior Scientist

Michelle has been undertaking research in the areas of tropical and temperate marine ecosystems for over 20 years. She has focused on the environmental monitoring of water quality and eutrophication and the provision of scientific and regulatory advice on eutrophication impacts and tangible solutions to reducing those impacts. Her work has involved management of national and international research programs relating to the fate and consequences of human activity and pollutants on freshwater, coastal and offshore marine waters, establishing links between the freshwater zone and marine systems, and coastal zone management. Michelle has published work across coastal, marine and catchment habitats, including rivers, estuaries, coral reefs and pelagic environments on the Great Barrier Reef, European Seas, America and the Pacific.



## Bryony Townhill – Centre for Environment Fisheries and Aquaculture Science, Marine Climate Change Scientist

Bryony works in the Marine Climate Change Centre at Cefas, carrying out a range of climate change work from modelling to developing adaptation strategies. Her research focuses on the impacts of climate change on marine ecosystems, and on working with governments and organisations to enable climate change adaptation. She is particularly interested in the climate change effects on species distributions and how management can help adaptation to or mitigation for these changes. Bryony is leading a project in the Caribbean, bringing together marine climate change research into a report card which can be used by communities and policy makers to develop responses to any impacts. She also works on recreational fishing, managing the annual UK angling surveys.



## Sam Harper – UK Hydrographic Office (UKHO) International Hydrographic Projects Manager

Sam Harper is the UKHO's International Hydrographic Projects Manager and joined the UKHO in 2007. He is responsible for the creation and oversight of a range of overseas data collection and capacity building activities. This role also requires Sam to provide hydrographic support and advice to a range of international partners, be they foreign government, inter-government, non-government or private sector organisations. Sam has provided training in hydrography and hydrographic governance on behalf of the UKHO, IHO and IMO, and has led the capability assessment and strategy development in numerous countries throughout the Caribbean and Pacific regions.



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## Hazel Newman – UK Hydrographic Office (UKHO) Hydrographic Development Support Officer

Hazel is a Marine Cartographer and has been working in cartography and geospatial data management for over 20 years. At the UKHO she has responsibility for supporting the delivery of International Hydrographic Projects, managing GIS project systems and providing advice and support across a broad range of international partners. She has worked extensively with foreign governments on data gathering and analysis on behalf of the UKHO Defence division.



## Dr. Christopher Pearce- National Oceanography Centre, Senior Marine Geoscientist

Chris is a marine geochemist whose research aims to establish how the oceans respond to global climate change. By investigating slight variations in the chemical composition of seawater, sediments, and biota he helps understand how the oceans are affected by environmental perturbations, and what effect that this has on marine systems and global processes. His recent research projects include work on ocean oxygenation, ocean acidification, and terrestrial carbon fluxes. He is the science lead of the CME programme for the NOC and is also the chair of the programme delivery group.



## Dr Angela Hibbert – National Oceanography Centre, Sea Level and Tidal Scientist

Angela works in the Marine Physics and Ocean Climate Group. She is interested in sea level and bottom pressure variability on all timescales, from high frequency tidal to long-term climate-induced changes. A key area of her research is the study of interactions between modes of variability in the atmosphere and in the ocean, particularly in the South Atlantic and Southern Oceans. She also has interests in improving methods of tidal prediction to facilitate coastal forecasting and in developing low cost, robust tide gauge technology to improve the global distribution of sea level monitoring systems



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