



SMMR Conference Draft Programme Outline

Tuesday 14th May 2024

Tuesday conference activity will be reserved for workshops. These workshops can be closed or open to attend depending on the preference of the workshop host.

Studio 1	Diverse voices in marine research and policy	1030-1230	Open
Studio 1	Deliberative approaches to stakeholder engagement	1400-1600	Closed
Studio 2	Diverse Value Exhibition		
The Suite	Co-Opt & Diverse Values: Communicating climate change information	1100-1300	Open
The Suite	Mapping and understanding ocean literacy for England	1400-1600	Open
The Boardroom	PoL team meeting & project legacy workshop	1000-1700	Closed

Diverse voices in marine research and policy

This workshop will invite a discussion about the challenges of engaging diverse voices in research and policy consultations for sustainable management of UK marine resources. The SMMR [Resilience of Coastal Communities](#) project team will share their experiences of collecting oral histories, survey and interview data in sites across the Southwest UK with a particular focus on the challenges of including female and younger voices. The [Diverse Marine Values](#) project team will offer their insights into incorporating the diverse values and voices of other harder-to-reach groups. Please join us to share your own experiences of engaging and collaborating with diverse voices. Through the workshop we aim to collate our joint perspectives on the blind-spots we might inadvertently introduce into research and consultation, the barriers to more inclusive research and engagement, and any insight on strategies or best-practice that can address these challenges.

CoOpt + Diverse Values: Communicating Climate Change Workshop

An inherent challenge of climate change research is the ability to communicate scientific information to non-specialist audiences. Tailoring information for various audiences, including policy makers and members of the public involves utilising a range of methods and techniques to ensure that the message is

received effectively. This workshop aims to synthesise the learning from the SMMR projects about the best strategies to communicate and engage with communities about coastal protection decisions, as well as to reflect more broadly on the experiences and expectations of researchers tasked with communicating and disseminating their research. *Participants will be encouraged to submit their reflections in advance of this workshop via a short survey <https://forms.office.com/e/u4stH5k9jg>*

Mapping and understanding ocean literacy for England

This workshop will be the first in a series of actions designed to co-develop an ocean literacy strategy for England. Defined as ‘having an understanding of the ocean’s influence on your, and your influence on the ocean’, ocean literacy has been positioned as a key mechanism for change and central to achieving the goals set out by the UN Ocean Decade’s Ten Challenges. In the UK, recent years have seen ocean literacy increasingly at the forefront of discussions about ocean and coastal management, governance and research priorities. Drawing on the results from the 2022 UK wide ocean literacy assessment as well as outputs from the Diverse Marine Values project, this workshop will map existing ocean literacy activities and initiatives across England, identify current gaps and barriers and highlight opportunities and priorities for the development of a co-designed strategy. Crucially, the workshop and ongoing related activities will look to the work that has already been undertaken in Wales to develop a national ocean literacy strategy for Wales.

Wednesday 15th May 2024

09:00 – 09:30 Registration

There will be a CEEDS tool testing area available all day, together with poster boards to view during the networking sessions.

09:30 – 10:15 Welcome Session

- Welcome Talk Prof David Paterson & Dr Mark James (SMMR Champions) – 5 mins
- Plenary talk from Stella Alexandroff, OceanKAN organisation – 30 mins plus 10 mins for questions – “*Building a Bottom-Up, Global Network to Share Sustainable Practices in the Co-Design of Ocean Science?*”. Q&A to be supported by Dr Emma McKinley.

10:15 – 11:15 Session 1 (4 talks)

- Examining the role of seagrass restoration on recreational demand in Great Britain (Danny Campbell)
- Connecting governance and practice views on the barriers and solutions to scaled seagrass restoration in the UK (Ally Evans)
- The Co-Benefits of Coastal Ecosystems; Economic Value of Saltmarsh Habitats in the UK (Sara Kaffashi)
- Predicting *Zostera marina* seagrass carbon stock using machine learning and earth observation to support carbon accounting (Nicola Wilson)

11:15 – 11:45 Coffee Break and Networking

11:45 – 13:00 Session 2 – Dedicated ROCC session – Chair: Louisa Evans

This panel will present findings from the [SMMR Sustainable Development and Resilience of Coastal Communities \(ROCC\)](#) project. This research uses past, present and future-looking approaches to examine how resilience, wellbeing and marine sustainability can be enhanced together in policy and practice, noting potential for important divergence and trade-offs among these objectives. Our presentations will bring together conceptual development; new data from oral histories, surveys and interviews of diverse marine resource-users, and; analysis of elite interviews with managers and policy-makers to showcase the breadth of the transdisciplinary research conducted in phase 1 of ROCC.

- Introducing the resilience nexus (Louisa Evans)
- Responding to change in the past (Sien Van Der Plank)
- Values and change (Pamela Buchan)
- Adaptive capacities for responding to change in the present (Sarah Sutcliffe)
- Trade-off decision-making (Matt Fortnam)
- Decision-making for the future (Océane Marccone)
- Q&A

13:00 – 13:45 Lunch and networking

13:45 – 15:00 Session 3 (5 talks)

- Are different values systems influencing the decision-making process? Learnings from an iterative fuzzy cognitive mapping exercise (Marta Meschini)
- How can we use geovisualization to build towards equitable marine and coastal decision-making (Chris Reilly)
- Constructing a large-scale relational map of UK North Sea socio-ecological entities to predict emergent effects of the expansion of offshore wind energy in the region (Will Burton)
- Taking account of societal perspectives and values in the Scottish marine context (Kay Barclay)
- The minimum complexity necessary: the value of a simple Social-Ecological Systems analysis in holistically managing the marine environment (Gemma Smith)

15:00 – 15:30 Coffee Break and Networking

15:30 – 16:45 Session 4 (5 talks)

- Diverse values and the arts for marine management (Tim Acott)
- Bringing the ocean to the stage: Performing Coastal Values and Marine Management (Emma McKinley)
- Hiraeth Yn Y Môr - Equitably growing community-scale ocean literacy to aid sustainable marine management in North East Wales (Ffion Mitchell-Langford)
- Representation of the sea by HM Government: Strategies for communication to enhance ocean citizenship (Celine Germond-Duret)
- Diverse values in marine decision-making: Applying a spatial framework to identify entry points (Kathryn Fradera)

16:45 – 16:50 Wrap up for Day 1 – David Paterson

1700 – End of Day 1

Thursday 18th May 2023

0900 – 09:40 Plenary talk – Chair Prof David Paterson

- Prof Nick Hanley, University of Glasgow – 30 mins plus 10 mins for questions – *“Have we made progress in recent years on valuing ecosystem services”*.

09:40 – 10:55 Session 5 – Chair Dr Mark James

- Bridging the science-policy-practice interface to improve resilience of marine ecosystems to urbanization and climate change impacts (Larissa Naylor)
- Recognising and protecting the national benefit of small-scale fisheries in the UK: 'you don't know what you've got 'til it's gone' (Sarah Coulthard)
- Fisheries in a Multi-Species Modelling Framework: Management of the Marine Living Resource of the Celtic Sea (James Rimmer)
- Pyramids of Life: aligning ecosystem structure and function with fishing effort and consumer demand, towards improved marine management (Leila Fonseca)
- Biodiversity patterns under a shifting baseline: important areas for sensitive fish species to assist marine spatial planning (Joanna Bluemel)

10:55– 11:25 Coffee Break and Networking

11:25 – 12:10 Session 6 (3 talks) Dedicated [MSPACE](#) session – Chair Prof Ana Queiros

- MSPACE Early Warning System: Climate-smart spatial management of UK marine fisheries, aquaculture and conservation (Susan Kay)
- Co-developing climate smart spatial management scenarios (Liz Talbot)
- Exploring Preferences and Values around Marine Planning in the Aquaculture, Conservation, and Fisheries Sectors (Gina Yannitell Reinhardt and Patricia Danahey Janin)

12:10 – 12:15 Wrap up – David Paterson

12:15 – 13:00 Lunch and networking

Afternoon workshops

Thursday afternoon conference activity will be reserved for workshops. These workshops can be closed or open to attend depending on the preference of the workshop host.

Studio 2	Diverse Value Exhibition – Echoes of the Shore	1315-1445	Open
The Suite	Opportunities and challenges for financing UK marine habitat restoration (ReSOW)	1400-1700	Open
The Boardroom	Pyramids of Life Q Method workshop	1315-1515	Open
The Middle Suite	ROCC project Steering Group meeting	1400-1530	Closed

DMV Exhibition - Echoes of the Shore

This workshop explores new horizons for marine research and management. Join the Diverse Marine Values researchers for a guided tour of our exhibition showcasing the full range of arts-based research methods we used to engage local communities in eliciting lesser-heard voices in Portsmouth, Chepstow and the Shetland Islands. We will discuss how arts-based research methods can be used to enhance marine decision-making and ocean literacy through more inclusive and engaging processes. Within the backdrop of an immersive exhibition, this workshop will help researchers and practitioners explore the potential of arts-based methods, including digital storytelling, participatory theatre, photography, and community voice method. It will also delve into transdisciplinarity and ways of working differently in marine management and research settings. There will be the opportunity to pose questions to researchers and practitioners on their experiences and shared lessons.

Pyramids of Life Q Method workshop

Every year, the SMMR Conference demonstrates that a sustainable and resilient management of marine ecosystems can be achieved only through interdisciplinary approaches co-developed with stakeholders recognising their respective diverse value. However, consistently capturing and synthesising the range of marine stakeholders' values, attitudes, perspectives, and viewpoints on sustainable and resilient marine management is not a trivial task. Mixed quali-quantitative approaches such as the Q-method can help.

In this workshop, Pyramids of Life project members will present and discuss protocols and tools to designing, analysing and interpreting a Q-method. To make the seminar relevant to participants, we will ask them to take part in a Q-method which will then be used to present the data preparation, analysis,

and interpretation of results. No previous knowledge or specific skills are required. During the workshop we will use R Studio and open access Q-method tools, so please bring your laptop to make the most out of the session.

Opportunities and challenges for financing UK marine habitat restoration

This workshop will bring together stakeholders from the UK marine management community, restoration practitioners, economists and the finance sector to examine the opportunities and challenges of financing of marine habitat restoration, and thereby support the development of a road map towards broader adoption. Activities for the workshop will be framed by examining some UK-specific case studies of financing nature restoration, both from terrestrial and marine spheres. We will examine the long-term feasibility of applying schemes such as carbon and biodiversity credits in the UK. Alternative finance frameworks that could be employed to harness private finance in the UK will then be explored and their potential utility assessed.

POSTERS

- James Forrester - Seagrass as a nature-based solution for coastal protection
- Susan Kay - Data to support marine environmental monitoring from the UK Met Office
- Clive Neil - Mapping seagrass in UK from satellite data
- Elina Apine - Social acceptance of nature-based solutions as effective coastal flood risk management schemes in the UK
- Emily Hawkes - mNCEA and SMMR: Synergies and shared learning
- John Aldridge - Modelling tools to support coastal and estuary remediation
- Stefano Marra & Stephen Duncombe-Smith - Climate change and seabed disturbance - Habitat condition indicators and overlaps with climate change hotspots, tools for climate-resilient conservation.
- Ana Querios & Susan Kay - Climate Smart Management of UK Seas
- Fazeel Mohammed - Use of Predictive models in the identification of Harmful Algal blooming species can aid in the management of fisheries resources, aquaculture and coastal communities.