EV: 19/11/2019

Coastal Futures 2020

Review and Future Trends

***January 15th & 16th 2020***

***Royal Geographical Society, Kensington, London***

***The Coastal Futures 2020 programme includes****:*

*The Climate Emergency - How We Respond – Coasts on the Frontline*

*Climate change and the Ocean, a call to action – Unstoppable sea level rise*

*Implementing Adaptation – Building Resilience - Working towards Net Zero*

*How can Psychology help us & Communicating Climate change*

*Climate change: What more can you do? Supporting your efforts*

*Coastal Governance and Partnership working – The Coastal Based Approach*

*Shoreline Management Planning and Action – Coastal Authorities & the Climate Emergency*

*Place Based Finance to deliver Multiple Benefits & Understanding Collaborative action*

*Offshore wind: Can it be grown? Mussel & Algal farming & Co-location with offshore wind*

*Reporting Climate Change, MCCIP*

*Collaborating to tackle plastic pollution – Changing the Soundtrack of the Anthropocene*

*A view from Greenland: the ground zero for sea level rise*

*Ocean Recovery and Restoration – Rethinking our actions and priorities – The New Agenda*

*What do we want from our marine environment?*

*Brexit uncertainty & opportunity – Are we doing enough?*

*The MSFD Marine Assessment - Planning – The Welsh National Marine Plan*

*Scottish challenges: kelp, fish farms & no trawl inshore zones*

*Threats to biodiversity and the urgency of climate change*

*Recognising the multiple benefits of marine ecosystems - Kelp*

*The Environment Bill & Marine Planning in Wales and Europe*

*Sustainable fisheries – the Fisheries Bill - Low impact fisheries*

*Charting the future of Inshore fisheries and developing programmes of management*

*Highly Protected Marine Areas Review – MPAs & fisheries, IFCAs*

*MPAs – protecting biodiversity, delivering ecosystem services and gain for climate change*

*Net Gain – how it can be translated into practice in the marine environment.*

*Restoring our estuary and coastal habitats.*

**Sponsors:**

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**For details of the sponsorship package please**

**contact Bob Earll on 07930 535283** [bob.earll@coastms.co.uk](mailto:bob.earll@coastms.co.uk)

Organised by *CMS – Communications and Management for Sustainability*

[Information on the Coastal Futures conference website](http://coastal-futures.net/)

**Twitter: #CoastalFutures20 Coastal Futures Twitter page** <https://twitter.com/CF_Conf>

***Coastal Futures 2020 provides***:-

1. ***Strong perspectives*** - from key stakeholders and industry leaders, who take a *proactive* approach to the sustainability agenda in the coastal and marine environment
2. ***Overviews*** - from acknowledged experts in many subjects and leaders of major events
3. ***Future trends*** - pointers to future areas of activity which will directly affect *your* work
4. ***Networking*** - an excellent opportunity to meet those at the forefront of these issues – all speakers will be asked to remain in the hall after their presentation to facilitate networking
5. ***Themes*** The CF2020 conference will be focussing on the problems of climate change, ocean recovery and restoration and how we respond, exploring what we really want from our coastal and marine environment.

#### *Coastal Futures 2020 sets out to:-*

1. Deliberately ***bring together different sectors*** to discuss important developments and concerns
2. Describe the ***actual changes*** that are causing concern and actions being taken to deal with these
3. Describe the ***developing programme of policy and management*** which is unfolding to meet these concerns
4. Produce ***a high level of information*** from the conference and ***via social media***

**DAY 1 – Wednesday 15th January**

**The Climate Emergency and How We respond – Coasts on the Front Line**

8.30 Registration and refreshments

9.25 **Session 1 Chair:**

9.25 **Welcome to the conference**

9.30 **Opening address** **Emma Howard Boyd** Chair, Environment Agency

9. 50 **Climate change and the ocean** **– A call to action** **Professor Ralph Rayner** Professorial

Research Fellow, Centre for the Analysis of Time Series, London School of Economics

10.10 **Unstoppable sea level rise demands adaptation now** [**John Englander**](https://www.youtube.com/watch?v=TH8Q8Ki9fCA)  President,

Rising Seas Institute

10.35 **How do we communicate climate change Chris Rose** Campaign Strategy

10.55 **How can psychology help with coastal and marine issues?**   **Professor** **Sabine Pahl**

University Plymouth

11.15 **Climate change – your views: What more can you do**? **Interactive session**

**Emma McKinley** Cardiff University

11.35 First Break: Sandwiches and refreshments

12.15 **Session 2:** **Chair:**

12.15 **Coastal Governance and partnership working** **Nicola Radford**

LINCOLNSHIRE County Council & Coastal Communities Alliance

12.30 **The Coastal Based Approach** - **Amy Pryor** Coastal Partnerships Network &

Thames Estuary Partnership

12.45 **Shoreline Management Planning and Action** **Environment Agency** *speaker to be confirmed*

13.05 **Coastal** **Local Authorities and their response to the Climate Emergency** **Fernanda Balata**

New Economics Foundation

13.25 **Place Based Funding at the Coast: Principles and Practice Bruce Horton**

Environmental Policy Consulting

13.45 **Ganging up on the problem: the benefits, and challenges, of collaboration**

**Katherine Yates** University of Salford

14.05 **Short presentations: 3 min updates:**

* **Marine citizenship: an interdisciplinary view Pamela M Buchan** University of Exeter
* **The Marine CoLAB- Taking an experimental, values based and collaborative approach to communicating why our ocean matters**.  **Rosie Chambers** Marine CoLABoration
* **Marine Social Sciences and their developing contribution Emma McKinley**

Cardiff University

* **Measure once, use many times – MEDIN and marine data sharing Charlotte Miskin-Hymas**

Marine Environmental Data and Information Network (MEDIN)

* **‘Mind the 'Change' Gap’! Are we ready to meet & adapt to change**  **John Pepper**

OceanWise Limited

14.25 Second break and refreshments

15.05  **Session 3:** **Chair:**

20 minute presentations: 15 minutes for questions and 5 mins for Q&A

15.05 **Future development and growth in the offshore wind sector** **Will Apps** The Crown Estate

15.25 **Is the projected scale of offshore wind development sustainable?**

**Tania Davey** **& Lissa Batey** The Wildlife Trusts

15.45  **Offshore Seaweed and mussel farming; the possibilities of co-location with offshore wind**

**Martin Syvret** Aquafish Solutions Ltd

16.05 **Marine Climate Change Impacts: Report Card 2020** **Ella Howes** Cefas

16.25 **Reducing Plastic Pollution: A Collaborative Approach from Source to Sea** **Jessica Hickie**

Programme Manager Plastics & Sustainability, Environment Agency

16.45 **Changing the Soundtrack of the Anthropocene** **Professor Steve Simpson** Exeter University

17.10 **The view from Greenland, “ground-zero” for sea level rise** [**John Englander**](https://www.youtube.com/watch?v=TH8Q8Ki9fCA)  President,

Rising Seas Institute

17.35 **Wine reception**

*Delegates attending only Day 2 can attend the wine reception!*

**See the Programme for Day 2 Below**

**Day 2 – Thursday 16thth January**

**Ocean Recovery and Restoration – The New Agenda**

8.30 **Registration and refreshments**

9.25 **Session 4:** **Chair: Charles Clover Blue Marine Foundation**

9.25 **Welcome to the conference**

9.30 **What do we want from our marine environment? Are we doing enough to deliver ocean**

**recovery and resilience?**

We are at an interesting time in our thinking about the coastal and marine environment. Many things suggest that the time is right to reconsider our long-term vision and what we might need to deliver this. A number of ideas are contributing to this including:

* Business as usual or a time to rethink? Has the 2000s agenda & MCAA run its course?
* Do we need more ambition to achieve and implement what we want – recognising past failures?
* Development and growth of the blue agenda, e.g. offshore wind and farming – are we really doing enough?
* Brexit: An opportunity or going backwards?
* The Climate Emergency meeting the challenge or drifting to chaos?

This session will set the scene for the day – it is being developed collaboratively with Mark Duffy (Natural England), Helen McLachlan (WWF) and Charles Clover (Blue Marine Foundation); other inputs will be sought as will views from the audience. There will be a concluding discussion of the ideas raised during the conference end of the day.

9.50 **UK marine strategy assessment under the MSFD JNCC** *Speaker to be confirmed*

10.10 **The Environment Bill – Our current understanding and opportunities**  **Richard Benwell**

Wildlife & Countryside Link

10.30 **The Welsh National Marine Plan** **Welsh Government** *Speaker to be confirmed*

10.50 **Scottish Challenges: Doubling of fish farming, kelp harvesting & No trawling inshore**

**Calum Duncan** Marine Conservation Society

11.10 “**Learning about marine planning… whether you want to or not” Rhona Fairgrieve** Atkins

11:30 **Short presentations: Six x 3 min updates**

**Coastal Typologies: key socio-demographic evidence base for marine planning Tim Stojanovic**

School of Geography & Sustainable Development and Scottish Oceans Institute, University of St Andrews

**Promoting biodiversity on marine artificial structures – building the evidence for marine planning**

**Ally Evans Aberystwyth** University and Ecostructure

**Marine Ecosystem Services Optimisation Model: using Bayesian Belief Networks to evaluate the impacts of pressures on flows of services Vicky Morgan** JNCC

**Evaluation of Marine Protected Area Management Measures Concerning Fishing (MMO1172)**

**Ophélie Humphrey** MarineSpace Ltd.

**Project UK Fisheries Improvements** **Matt Spencer** MSC Marine Stewardship Council

**Securing benefits for fisheries and marine wildlife in Scotland** **Nick Underdown** Open Seas

11.55 First Break: Sandwiches and refreshments

* 1. **Session 5:**  **Chair:**

12.35 **The Highly Protected Marine Area Review Richard Benyon**

12.55 **The importance of UK kelp forests for fisheries habitat, biodiversity, carbon cycling and**

**regional economies Daniel Smale** Marine Biological Association

13.15 **The Fisheries Bill & sustainable fisheries – where are we and where do we need to go?**

**Helen McLachlan** WWF-UK

13.35 **Low Impact Fisheries Chris Williams** New Economics Foundation

13.55 **Inshore Fisheries – mapping the future** **Aoife Martin** Seafish

14.15 **The developing programme of inshore fisheries and conservation management**

**Robert Clark** Southern IFCA

14.35 **Six short presentations**

**A system for making asset registers for UK habitats below mean high water Paul Ivory**

Joint Nature Conservation Committee (JNCC)

**Developing a participatory approach to the management of fishing activity in UK offshore MPAs**

**Louisa Jones** JNCC

**Developing the evidence-base to support climate-smart decision making on MPAs**

**Stephanie Byford**, JNCC

**Monitoring: How do we get the best from an MPA network?** **Matthew Ferguson** JNCC

**Using marine biodiversity indicators to estimate the provision of ecosystem services**

**Kate Wade** JNCC

**Taking the UK MPA mapper beyond the boundaries Helen Woods** JNCC

14.55 Second Break

15.30 **Session 6:** **Chair:**

15.30 **Net Gain – How can this be translated into practice?** **Peter Barham**

15.50 **REACH Programme** - **Restoring Estuarine and Coastal Habitats in the North East**

**Atlantic Roger Proudfoot** Environment Agency

16.10 **What do we want? Reflections of the conference Charles Clover**

Blue Marine Foundation

16.45 **Conference Closes**

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