



JOINT CONFERENCE

Coastal Practitioners network meets the Promoting Adaptation to Changing Coasts project

Conference report



7-9 February 2023, Portsmouth

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1. OVERVIEW

What we did

This conference brought together the annual Coastal Practitioners Conference and the final conference for the Anglo-French 'Promoting Adaptation to Changing Coasts' ([PACCo](#)) project.

With so much great working on the coast, including the projects under the Flood and Coastal Innovation Programmes ([FCIP](#)), habitat restoration and compensation, SMP Refresh, developments in data and evidence, and with the PACCo project drawing to a close this was an important occasion to bring the coastal community together to network, share learning and develop new ideas.

The event was simultaneously interpreted to accommodate both English and French delegates.

The conference was joint funded by the Environment Agency and the PACCo project. Coastal Partners provided support, organising and delivering a site visit. The conference had over 30 speakers, who contributed their time to planning and delivering sessions.

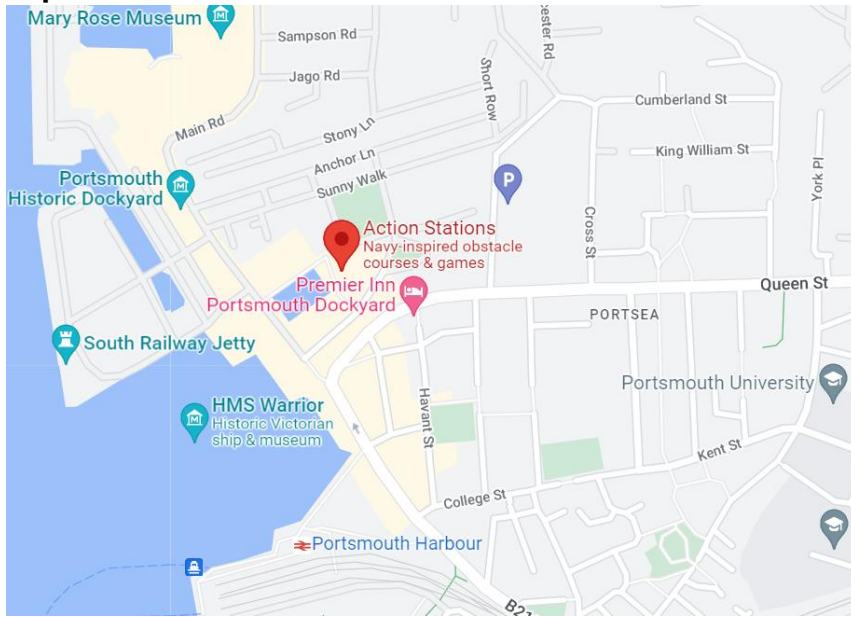
When was the event held?

The conference ran from 7 to 9 February 2023. It was a two-day conference and a half-day site visit.

Where was the event held?

The conference was held at '[Action Stations](#)' a venue in Portsmouth's historic dockyard and naval base (Map 1).

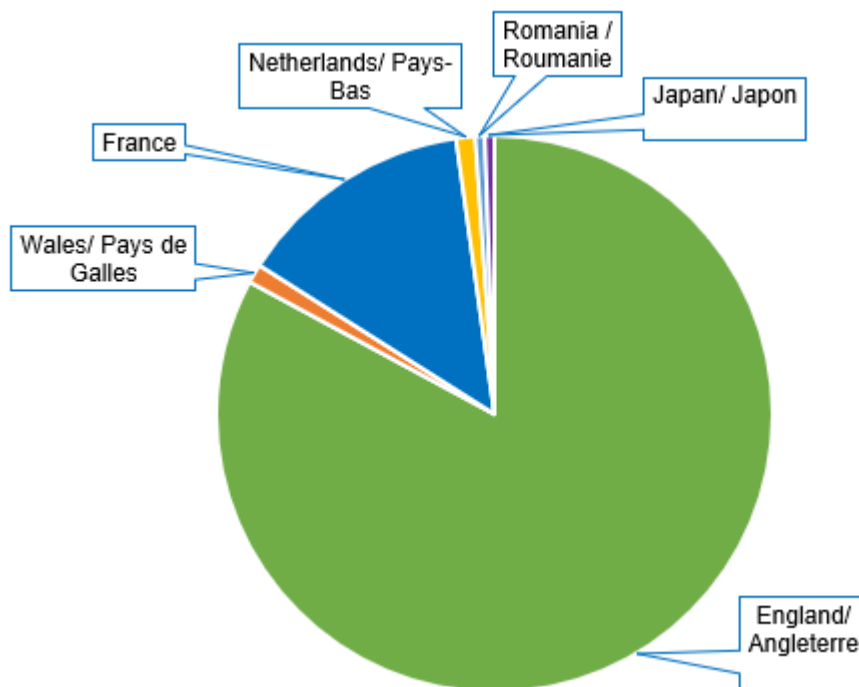
Map 1. Location of conference



How many people attended and what countries did they come from?

The attendees register lists the attendees (see Section 7). Over 210 people attended from 6 different countries (Figure 1).

Figure 1. Countries attendees came from



What organisations were represented?

Approx. 50 different organisations were in attendance (Figure 2).

Figure 2. Organisations who attended the conference



They represented the following types of organisations (Figure 3).

Figure 3. Types of organisations who attended the conference



International reach

The conference was run as a bilingual international event with over 25 attendees from France, and other attendees from the Netherlands.

All talks and breakout sessions in the main auditorium were simultaneously interpreted live from French to English and English to French. Participants were provided with a headset so they could listen to the event in their language of choice.

The conference reached organisations who work on coasts and estuaries around the whole of the English and Welsh coast, the coast of Northern France and the Netherlands.

2. AGENDA

The agendas included a mixture of:

- Plenary sessions
- Breakout session
- Networking
- Exhibitions / demonstrations
- Site visit

The agendas for the three days can be seen below.

2.1 Day 1 – Tuesday 7th February

Day 1:	Tuesday 7 February		
09:00 – 10:00	Registration from 09:00 with coffee and tea on arrival – exhibition area		
	Session 1 - Main auditorium		
10:00	Welcome and overview day 1: Plenary Session		5
10:05	Welcome to Coastal Practitioners 2023 – Rachael Hill (Environment Agency)		10
10:15	Promoting adaptation to Changing Coasts English and French perspective – Lydia Burgess-Gamble (Environment Agency) and Régis Leymarie (Conservatoire du littoral)		15
10:30	Welcome to Solent and South Downs – Simon Moody (Environment Agency)		10
10:40	Flood and Coastal Risk Management, Placemaking and wider benefits in Portsmouth – Alex Prior & Lucy Sheffield (Coastal Partners)		20
11:00	Discussion/Q&A and close session		15
11:15	Coffee and tea – exhibition area		30
	Session 2 - Main auditorium or Horizon suite		
	Main Auditorium	Horizon suite	
11:45	Breakout Session: Choice A	Breakout Session: Choice B	5
11:50	The Lower Otter Restoration Project - Reconnecting the River Otter to its floodplain. Some reflections – Mike Williams (Environment Agency) and Sam Bridgewater (Clinton Devon Estates)	Restoring Meadow Marsh and Reef (ReMeMaRe) – how realistic is our ambition? - Roger Proudfoot (Environment Agency)	25
12:15	Lower Saône Valley Territorial Project (France) - Camille Simon (Conservatoire du littoral), Amélie Boutillier (Communauté de communes Terroir de Caux) and Monsieur Jean-François Bloc (Mayor of Quiberville)	Blue Carbon potential – a panel discussion - Nigel Pontee (Jacobs), Hannah Mossman (Manchester Metropolitan University), Tim McGrath (WWT) and Matt Phillips (Kier)	25
12:40	Session Close	Session Close	
12:40	Lunch and viewing exhibition – exhibition area and Horizon suite		90
	Session 3 - Main auditorium or Horizon suite		
	Main Auditorium	Horizon suite	
14:10	Breakout session: Choice C	Breakout session: Choice D	5

Day 1:	Tuesday 7 February		
14:15	Shoreline Management Planning – our challenge for the future – Nick Hardiman (Environment Agency)	Using the coastal monitoring website in coastal management practice – Thomas Dhoop (Channel Coast Observatory)	25
14:40	The UK's First Sandscaping Project (Bacton to Walcott, Norfolk) from Idea to Reality - Rob Goodliffe (North Norfolk District Council)	An introduction to the Local Government Association Coastal Special Interesting Group and the Coastal Group Network - Beccy Lofts (LGA Coastal SIG) Bryan Curtis (Coastal Group Network Chair)	25
15:05	Environment Agency Habitat Compensation and Restoration Programme (HCRP). Progress, challenges, and opportunities moving forward - Kevin House (Environment Agency)	An Introduction to the Coastal Transition Accelerator Programme – Kellie Fisher (Environment Agency), Rob Goodliffe (North Norfolk District Council), Richard Jackson (East Riding of Yorkshire Council)	25
15:30	Session Close	Session Close	
15:30	Coffee and tea – exhibition area		30
	Session 4 - Main auditorium		
16:00	Plenary Session		5
16:05	Working together to adapt to a changing climate: coastal launch - Lee Swift (Environment Agency)		15
16:20	Ever Shifting Shores – Helen Jay (National Trust)		15
16:35	Promoting adaptation to Changing Coasts Awards – Lydia Burgess-Gamble and Mike Williams (Environment Agency)		10
16:40	Discussion/Q&A and close session		15
17:00	Close Day 1		

2.2 Day 2- Wednesday 8th February

Day 2:	Wednesday 8 February		
09:00 – 10:00	Registration and coffee and tea on arrival – exhibition area		
	Session 1 - Main auditorium		
10:00	Welcome and overview day 2: Plenary Session		5
10:05	Promoting adaptation to Changing Coasts - Ben Johnstone (Environment Agency)		10
10:15	Keynote – The future of the coast: are we doing enough, fast enough? - Caroline Douglass (Environment Agency)		10
10:25	Monitoring sea level into the future in Northern Europe – Ivan Haigh (University of Southampton) and Nick Ely (Environment Agency)		15
10:40	Developing and Embedding Strategic Monitoring into Coastal Management – Charlie Thompson (Channel Coast Observatory and National Coastal Monitoring Programme)		10
10:50	Discussion/Q&A and close session		15
11:00	Coffee and tea – exhibition area		30
	Session 2 - Main auditorium or Horizon suite		
	Main Auditorium	Horizon suite	
11:30	Breakout Session: Choice A	Breakout Session: Choice B	5
11:35	What is the National Flood Risk Assessment 2? – Jake Bailey (Environment Agency)	Project workers' experience of communicating with the public about coastal restorations and flood risk management - Professor Hiromi	25

Day 2:		Wednesday 8 February	
		Yamashita (Ritsumeikan Asia Pacific University, Japan)	
12:00	Shoreline Management Plans, clear and accessible for all? – Fiona Crayston (Environment Agency)	Model for Engagement of Communities and Stakeholders in Coastal Adaptation and Landscape Change – Roger Auster and Stewart Barr (University of Exeter)	25
12:25	Close Session	Close Session	
12:25	Lunch and viewing exhibition – exhibition area and Horizon suite		90
Session 3 - Main auditorium or Horizon suite			
	Main Auditorium	Horizon suite	
14:00	Breakout Session: Choice C	Breakout Session: Choice D	5
14:05	Synthesis of the results of EU LIFE Adapto project (France) – Patrick Bazin (Conservatoire du littoral)	An introduction to the Flood and Coastal Resilience Innovation Programme (FCRIP) projects – Becky Lofts (LGA Coastal SIG), Karen Thomas (Coastal Partnership East), Joanne Matthews (Southend-on-Sea City Council)	25
14:30	Introduction to Dutch coastal management approach, with focus on using NBS to adapt to climate change and mitigate biodiversity loss - Quirijn Lodder and Jurre de Vries (Rijkswaterstaat)	A natural capital assessment of the Lower Otter – Suzi Armstrong (ABPMer)	25
14:55	Close Session	Close Session	
15:00	Coffee and tea – exhibition area		30
Session 4 - Main auditorium			
15:30	Plenary Session		5
15:35	The Flood and Coastal Innovation Programmes – making change happen - Andy Eden (Environment Agency)		15
15:50	Keynote speaker 2 - Agnès Vince (Conservatoire du littoral)		15
16:05	Introduction to the Southsea Coastal Scheme and site orientation – Chris Koster (Coastal Partners)		20
16:25	Southsea Coastal Scheme – Site Visit Logistics – Ed McIntyre (Environment Agency)		10
16:35	Coastal Practitioners 2024 – Eleanor Blundell (Environment Agency)		5
16:40	Discussion/Q&A		10
16:50	Reflections and close conference session – Ben Johnstone		10
Close Day 2			

2.3 Day 3 – Thursday 9th February – Site Visit

Day 3:		Thursday 9 February	
09:30 – 13:00	Southsea coastal project (see details below)		
Close Day 3			

3. PRESENTATIONS

During the conference we heard 34 number of presentations on a range of different coastal topics, these are summarised below with links to slide packs. The hyperlinks in this document will expire after 6 months (14/08/23). The biographies of the speakers can be found in Section 7.

3.1 Day 1 – Summary of presentations



The first day of the conference ended on a high with presentations by Lee Swift from the Environment Agency and Helen Jay from the National Trust discussing research, case studies and differing coastal adaptation methods, followed by some PACCo team awards!

Speakers included:

- Lydia Burgess-Gamble, Mike Williams, Rachael Hill, Roger Proudfoot, Nick Hardiman, and Kevin House from the Environment Agency
- Sam Bridgewater at [Pebblebed Heaths Conservation Trust/Clinton Devon Estates](#)
- Régis Leymarie and Camille Simon from [Conservatoire du littoral](#)
- Nigel Pontee from [Jacobs](#)
- Becky MacDonald-Lofts and Bryan Curtis from the [Local Government Association Coastal Special Interest Group](#) and the Coastal Group Network
- Charlie Thompson and Thomas Dhoop from the [National Network of Regional Coastal Monitoring Programmes](#)

3.1.1 Session 1 – Plenary – Auditorium

Welcome to Coastal Practitioners 2023 – Rachael Hill (Environment Agency)

Summary: A welcome back to the Coastal Practitioners Conference after a hiatus since the EA Lincolnshire and Northamptonshire hosted Skegness event in 2019. Celebrating our continuing collaboration on the coast, and a look forward to 3 days of reconnecting, knowledge sharing and learning: coastal practitioners better together.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s884c9f8b0a8341df82b14cfbf22241c9>

Promoting adaptation to Changing Coasts English and French perspective – Lydia Burgess-Gamble (Environment Agency) and Régis Leymarie (Conservatoire du littoral)

Summary: Brief overview of the PACCo project and a welcome to our French delegates. Also delivery of the PACCo awards ceremony.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s0b7cfe6d5e294c54b129100d4678e87b>

Welcome to Solent and South Downs – Simon Moody (Environment Agency)

Summary: Simon welcomed delegates to the Solent and South Downs area. He discussed some of the challenges and opportunities affecting this location.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s6a132d3a62da4c168e7e7da6bfab2eb6>

Flood and Coastal Risk Management, Placemaking and wider benefits in Portsmouth – Alex Prior & Lucy Sheffield (Coastal Partners)

Summary: Case studies of inclusion of where placemaking and wider opportunities have been incorporated into schemes managed by Coastal Partners. Focus will be on public realm, heritage features and environmental enhancements

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s13ea1c73daba464ab6f63b6d80d54594>

3.1.2 Session 2 – Breakout Groups – Auditorium

The Lower Otter Restoration Project – Reconnecting the River Otter to its floodplain. Some reflections – Mike Williams (Environment Agency) and Sam Bridgewater (Clinton Devon Estates)

Summary: The Lower Otter Valley is heavily modified by human hand. Several embankments, a road, a disused municipal tip, an aqueduct and an old railway line are artificial structures restricting natural processes and water flow. They are becoming ever more difficult and expensive to maintain, impede the ability for flood water to ebb and flow and reduce habitat quality and biodiversity. In 2023 the Lower Otter Restoration Project will be completed. This will restore 55 hectares of mudflat and saltmarsh drained for agriculture in the early 19th century. A partnership project between the Environment Agency and landowner Clinton Devon Estates with delivery supported by the Interreg-funded initiative Promoting Adaptation to Changing Coasts, the aim of the scheme is to restore the Lower Otter Valley to more natural conditions closer to those that existed two hundred years ago. The restored site will also require less future management against the impacts of climate change.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-sbf5a7c4ec7344c7386f9ac2739007c50>

Lower Saône Valley Territorial Project (France) - Camille Simon (Conservatoire du littoral), Amélie Boutillier (Communauté de communes Terroir de Caux) and Monsieur Jean-François Bloc (Mayor of Quiberville)

Summary: Presentation of the main features and key stages of the territorial project. The presentation will include the main work activities, such as the reconnection to the sea and the restoration of the lower valley led by the Syndicat mixte des bassins versants Saône Vienne Scie.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-sd2e1d08da97e458ebb38af25a85fa9dd>

3.1.3 Session 2 – Breakout Groups – Horizon Suite

Restoring Meadow Marsh and Reef (ReMeMaRe) – how realistic is our ambition? – Roger Proudfoot (Environment Agency)

Summary: The session will briefly cover the ReMeMaRe initiative(<https://youtu.be/Uc2GJJpBZYY>)to stimulate a discussion on ambition for habitat restoration around the coast of England. The partnership aims to restore 15% of priority habitats (particularly salt marsh, seagrass and oyster reefs). The session will lead a discussion with the group on what this means in reality and how realistic is it to expect us to be able to increase our capacity to restore more of these habitats. Participants will be encouraged to think about the implications of such a target and what it means for the future which will help shape the initiative and its action plan. Links will be made to the Coastal Habitat Creation breakout in Session 3. Delegates are encouraged to review our webpage prior to the session: [Restoring Meadow, Marsh and Reef \(ReMeMaRe\) | Estuarine & Coastal Sciences Association \(ecsa.international\)](https://www.ecsa.international/)

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-sb2ea666f587b4df5a6f7d35f47aa6e5f>

Blue Carbon potential – a panel discussion – Nigel Pontee (Jacobs), Hannah Mossman (Manchester Metropolitan University), Tim McGrath (WWT) and Matt Phillips (Kier)

Summary: Nigel will chair a panel discussion related to the potential to restore coastal wetlands to provide blue carbon benefits.

Photo(s):



Links to slides:

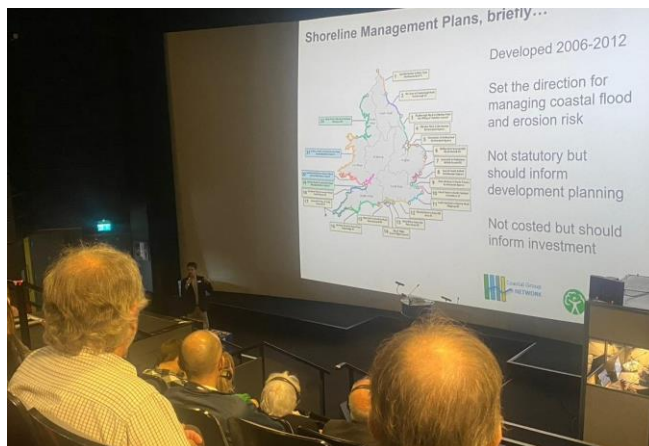
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3.1.4 Session 3 – Breakout Groups – Auditorium

Shoreline Management Planning – our challenge for the future – Nick Hardiman (Environment Agency)

Summary: I will summarise the SMP Refresh project and its outputs and key forthcoming milestones, before encouraging a more open discussion with the audience on some of the challenges we have in keeping them up to date, accurate, sustainable and influential. This will pick up on themes in the relevant FCRM Strategy Road Map actions we have for 2023-2026.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s9ac2e7eb9de84917bae8ca644526c9ed>

The UK's First Sandscaping Project (Bacton to Walcott, Norfolk) from Idea to Reality – Rob Goodliffe (North Norfolk District Council)

Summary: The Bacton to Walcott Sandscaping Scheme is a collaboration between the public and private sectors and is the first of its kind in the UK. In 2019, 1.8 million cubic metres of sediment was placed on the beaches to protect a gas terminal which provides up to one third of UK supply, whilst also providing time for adjacent communities to plan to adapt. Coastal monitoring is ongoing and early analysis suggests the scheme is performing.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-sb6ed6d2fe2494171b3f3c1f4433f3385>

Environment Agency Habitat Compensation and Restoration Programme (HCRP). Progress, challenges, and opportunities moving forward – Kevin House (Environment Agency)

Summary: In this presentation I will set out how The Environment Agency uses a series of Habitat Compensation and Restoration Programmes (HCRPs) to fulfil our statutory duties to ensure that loss of protected habitat arising from flood and coastal erosion risk management (FCERM) activity is compensated in advance of losses occurring. I will focus on the challenges and opportunities that the restoration and carbon offsetting agenda present and how the HCRP can help deliver the aims and objectives of 25 Year Environment Plan and the ambition set out in the Environment Agency's National FCRM Strategy.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s590b495b4aea4ae8b6c3f349bdc857e8>

3.1.5 Session 3 – Breakout Groups – Horizon Suite

Using the coastal monitoring website in coastal management practice – Thomas Dhoop (Channel Coast Observatory)

Summary: A demonstration of – and opportunity to provide feedback on – the tools available on the National Network of Regional Coastal Monitoring Programme’s website (www.coastalmonitoring.org) to query and examine data on coastal change and their hydrodynamic drivers.

We will demonstrate how these tools allow coastal practitioners to build up a comprehensive picture of a stretch of coastline without the need to download and compile data in specialised software. The session will cover new features such as the ability to view water levels and wave parameters on a single plot, the capacity to build your own dashboard combining wave, tide and meteorological parameters on a single page, and forthcoming tools such as a profile viewer.

Photo(s):



Links to slides:

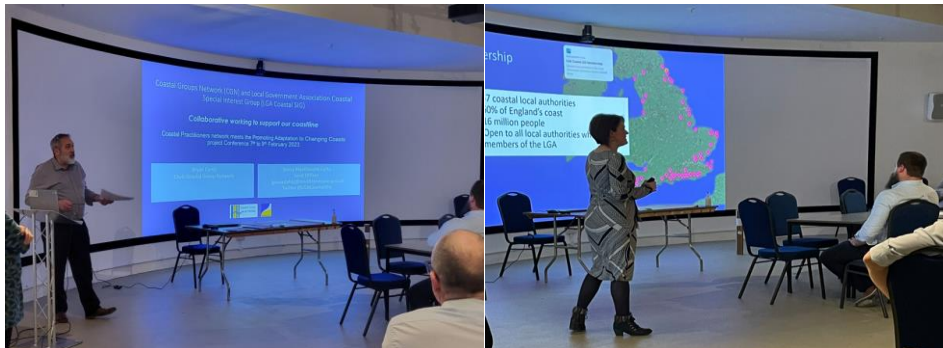
<https://ea.sharefile.com/d-s669bcd1d282b47c79d48d11eb1f38075>

An introduction to the Local Government Association Coastal Special Interesting Group and the Coastal Group Network – Beccy MacDonald-Lofts (LGA Coastal SIG) Bryan Curtis (Coastal Group Network Chair)

Summary: The Coastal Group Network (CGN) and Local Government Association Coastal Special Interest Group (LGA Coastal SIG) have been working together in partnership for over a decade to enhance the profile of issues facing coastal councils and the delivery of Flooding and Coastal Erosion. This session will introduce the Groups, their collaborative work and opportunities to engage.

The 6 FCRIP projects are looking at innovative actions to improve coastal resilience to flooding and erosion. This session will introduce some of these projects and what they are looking to deliver.

Photo(s):



Links to slides:

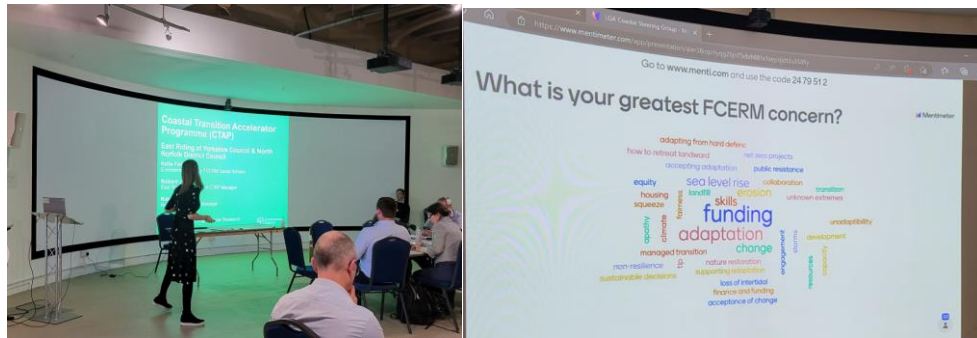
<https://ea.sharefile.com/d-sf63263d4a3f444b9a6755c08d6f9f93e>

An Introduction to the Coastal Transition Accelerator Programme – Kellie Fisher (Environment Agency), Rob Goodliffe (North Norfolk District Council), Richard Jackson (East Riding of Yorkshire Council)

Summary: The Coastal Transition Accelerator Programme (CTAP) will explore how we can adapt to the effects of climate change on the coast. From 2022 to 2027, East Riding of Yorkshire and North Norfolk will receive funding to work with communities on the coast that cannot sustainably be defended from coastal erosion. CTAP is part of the government's National Flood and Coastal Erosion Risk Management Strategy for England. The coastal transition accelerator programme aims to:

- Accelerate strategic planning (and associated action planning) to set out how coastal local authorities, partners and communities will address the long-term transition of communities, businesses and assets away from the coastline at risk.
- Support the trialling of early on the ground innovative actions in support of medium- and long-term plans, that enable those coastal areas at significant risk to address the challenges posed by a changing climate.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-secfcd1c14dfb4367b2b0085672b81139>

3.1.6 Session 4 – Plenary – Auditorium

Working together to adapt to a changing climate: coastal launch – Lee Swift (Environment Agency)

Summary: The 'Working together to adapt to a changing climate' project explored how authorities can work with communities on future planning and decision-making to help reduce flood and coastal erosion risk in the face of climate change. The research project reviewed evidence for community engagement on climate adaptation to inform the design and implementation of innovative community engagement programmes in 2 pilot locations, including Hemsby, Norfolk (coastal erosion and storm surges). This talk will describe the project, outputs, and early applications of the findings that are now available on .gov.uk

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s446de8970aa34a58bbef0298269a60e2>

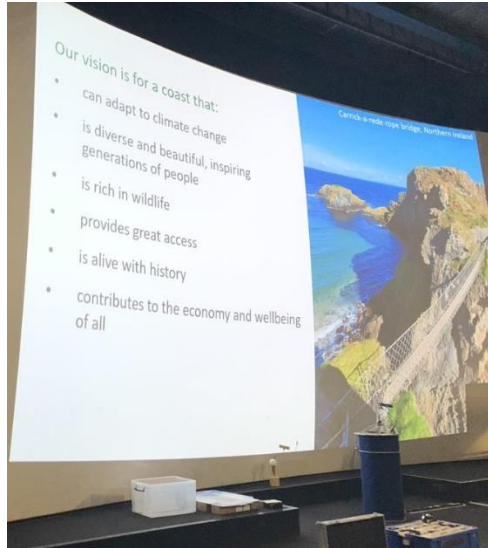
Full launch recording available here: <https://www.youtube.com/watch?v=HcEndrj6hdE>

Coastal research summary: <https://ea.sharefile.com/d-sec572f535027423ebb75aab3b89cf123>

Ever Shifting Shores – Helen Jay (National Trust)

Summary: The presentation will provide an overview of the National Trust’s coastal portfolio and our approach to managing the 780 miles of coastline across England, Wales and Northern Ireland that we look after. I will talk about our Shifting Shores policy, before touching on some of the challenges we face across our properties and how we are working to address those challenges.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-sbaf4efa78cc4655a37a910675579017>

Promoting adaptation to Changing Coasts Awards – Lydia Burgess-Gamble and Becky Price (Environment Agency)

Summary: This short session provided awards and recognition to members of the PACCo project team

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s1e1696cffce34526a350663a1fde8394>

3.2 Day 2 – Summary of presentations



Day 2 of the conference covered a range of topics from:

Coastal management methodologies and strategies; habitat compensation; carbon capture; climate change; coastal squeeze; adaptation; national flood risk assessment; biodiversity net gain; national and international case studies; and great schemes from our English, French and Dutch partners.

3.2.1 Session 1 – Plenary – Auditorium

Promoting Adaptation to Changing Coasts - Welcome to day 2 of the conference - Ben Johnstone (Environment Agency)

Summary: Day 1 – Recap and Reflections

Welcome back to Day 2 of this conference.

I am Ben Johnstone, I am the Environment Agency's Area Flood and Coastal Risk Manager for Devon, Cornwall and the Isles of Scilly. I am also the Project Sponsor for the PACCo project. I have just learnt that Project Sponsor translates into French as 'The Godfather', so I will now be known as 'The Godfather' at work.

Think of my part of England as the Atlantic breakwater for the UK, so coastal issues are a major part of my team's work. I have been told.....sorry asked nicely....if I could provide a recap on yesterday, set the scene for today and provide some reflections from what I have heard on Day 1.

On day 1, we heard about.....

- Nature based solutions, habitat creation and carbon capture
- Adaption and resilient design
- Strategic Planning, Shoreline Management Plans and Habitat Compensation & Restoration Programme
- Monitoring and Research
- The role of Local Government and 'Placemaking'

Promoting Adaptation to Changing Coasts - Welcome to day 2 of the conference - Ben Johnstone (Environment Agency)

- Coastal Management from a landowners perspective

There are a few phrases that resonated with me yesterday....

- Be courageous and take the first step
- Beavers are a pain in the ass (when they are living on a live constructions site)
- It's just like Benedorm....is that the new measure of success in the benefits realisation plan?
- And the one that my teams will be hearing a lot of from me 'Niches for Species'

So, what are we going to hear about today?.....

- Climate Change Adaptation and Resilience examples
- Sea Level Rise
- National Flood Risk Assessment 2nd Generation
- Community Engagement
- Funding and Natural Capital
- Examples from France and the Netherlands

Finally, what are the main challenges for me as an Area Flood and Coastal Risk Manager?

We have spoken about many of these already such as reducing carbon, funding and Biodiversity Net Gain. All of these can be dealt with using reasoned argument and evidence. But how do you deal with Emotions? This challenge comes from those not in this room today.....those communities at risk.

- We have to share the 'Inconvenient Truth' of Climate Change and Sea Level Rise and what that will do to the community or individual.
- People generally don't like change, especially change that is thrust upon them.
- There is huge emotional attachment to what they currently have. They want to protect what they have and what they remember.
- But Mother Nature also remembers. But she has a longer memory than any of us.
- She wants to reclaim what was originally hers from climates past.
- How do we get a community to accept it needs to adapt and change the way or where they live before it is too late to help?
- This is the biggest challenge for me.

Photo(s):

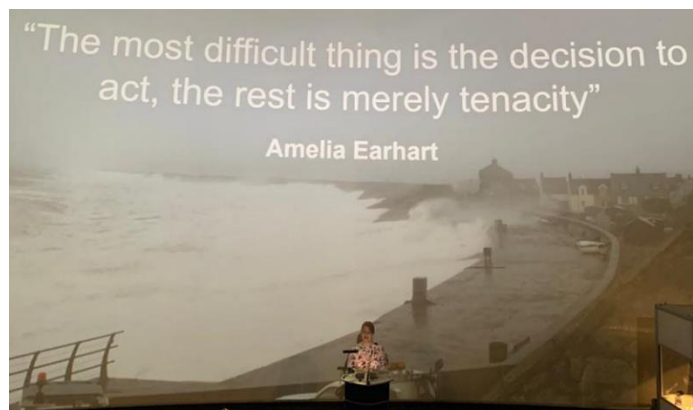


Keynote – The future of the coast: are we doing enough, fast enough? - Caroline Douglass (Environment Agency)

Summary:

- An overview of what progress has been made to protect our coastlines, and what is still left to do.
- The challenges that stop us from making sufficient progress to protect our coastal communities, habitats and economies, and what the future could look like if we don't progress with pace.
- The importance of collaboration in developing more adaptive and resilient coastlines.

Photo(s):



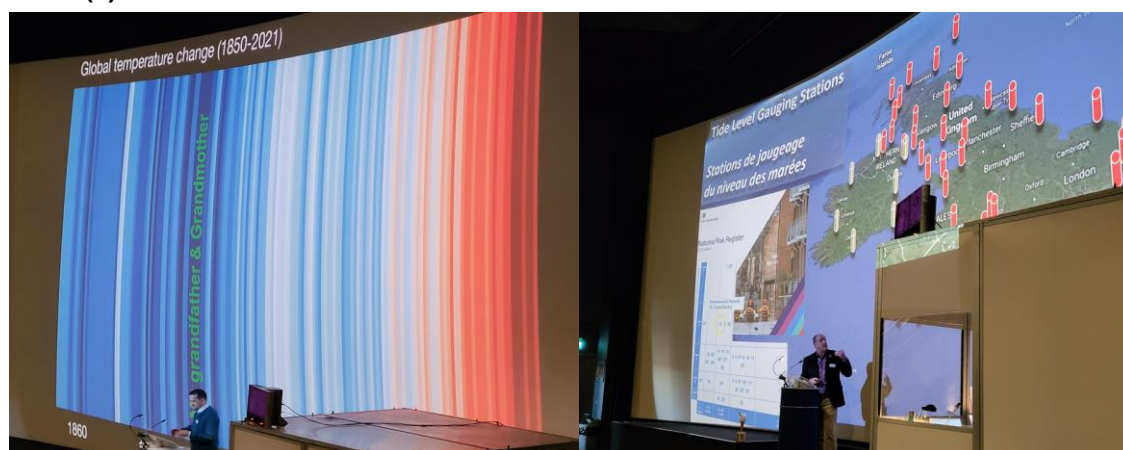
Links to slides:

<https://ea.sharefile.com/d-s12b25b3d1653460e8b59166e45e04468>

Monitoring sea level into the future in Northern Europe – Ivan Haigh (University of Southampton) and Nick Ely (Environment Agency)

Summary: This presentation will follow on from Ivan's reviewing how we have monitored sea level in the UK historically and our plans to continue and improve our understanding of sea level and the extent of its predicted rise into the future. We will look at the historic monitoring network and benefits that have arisen from that in Ivan's work; and our current plans to upgrade and renew the infrastructure and the benefits we may accrue in the future from investing in a robust and innovative monitoring network.

Photo(s):



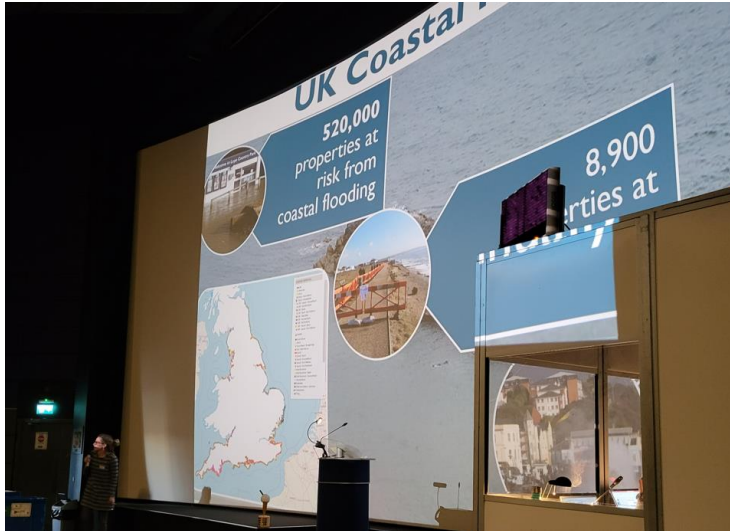
Links to slides:

<https://ea.sharefile.com/d-sc856f627304f4d658381e42aacb31c17>
<https://ea.sharefile.com/d-s41fbc507eb8f43b9883d975b84a1e8b6>

Developing and Embedding Strategic Monitoring into Coastal Management – Charlie Thompson (Channel Coast Observatory and National Coastal Monitoring Programme)

Summary: The session will cover the development and establishment of the National Network of Regional Coastal Monitoring Programme, the way in which the data underpins FCERM, successes of the programme and future developments and direction.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s85f2ee0652354065b5389f368c9d3e9d>

3.2.2 Session 2 – Breakout Groups – Auditorium

What is the National Flood Risk Assessment 2? – Jake Bailey (Environment Agency)

Summary: NaFRA2 is a major update and departure from current NaFRA, more than just a national scale model it is a system used to produce better data to make better decisions at every level, it will do this by leveraging the EAs local modelling stock in a new way and combine it with a new national model to create new outputs for use internally and externally. This presentation will do its best to boil down a massive multiyear project into a 25-minute talk (and leave time for discussion) covering the system being developed and how it will be used once it goes live.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s3762f3adf07b43ddb5c14ff94a9cf1c2>

Shoreline Management Plans, clear and accessible for all? – Fiona Crayston (Environment Agency)

Summary: I will introduce Shoreline Management Plan Explorer – a new online, accessible tool for coastal managers, local planners and the public. I will give the background, overview of the current development, and the way forward.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s7bd4c627f4e84cdab2506280878d36ce>

3.2.3 Session 2 – Breakout Groups – Horizon Suite

Virtual tour of the Lower Otter – Mike Williams (Environment Agency)

Summary: Mike Williams used drone footage to do a tour of the Lower Otter

Photo(s):



Links to slides:

[PACCo: Virtual tour of the Lower Otter Restoration Project - YouTube](#)

[Welcome to PACCo - YouTube](#) (English)

<https://ea.sharefile.com/d-s7694c135d9cc416e8675659b56843ec5>

Virtual tour of the Saane Valley – Camille Simon (Conservatoire du littoral)

Summary: Camille Simon used drone footage to do a tour of the Saane Valley

Photo(s):



Links to slides:

[Bienvenue chez PACCo - YouTube](#) (French)

<https://ea.sharefile.com/d-s7694c135d9cc416e8675659b56843ec5>

3.2.4 Session 3 – Breakout Groups – Auditorium

Synthesis of the results of EU LIFE Adapto project (France) – Patrick Bazin (Conservatoire du littoral)

Summary: The Life adapto project, led by the Conservatoire du littoral with the assistance of numerous partners, has experimented a flexible management of coastal areas on ten French pilot sites, for which the Conservatoire du littoral owns a significant amount of land and management tools. The actions carried out within this project have made it possible to verify, for predominantly natural coastal territories, the feasibility of the adaptation solutions advocated by the national strategy of integrated management of the coastline.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s3d97ff5446d2449aa1fc64bb7adf0dc0>

Introduction to Dutch coastal management approach, with focus on using NBS to adapt to climate change and mitigate biodiversity loss - Quirijn Lodder and Jurre de Vries (Rijkswaterstaat)

Summary: Session description: as a small low-lying delta country, the Netherlands has a strong incentive to find solutions to deal with climate change. Fortunately, we can build on a long history of managing our water infrastructure and coastline. In this session, we will present the Dutch approach how we adapt to rising sea level for our Dutch coast: where are we now, and what steps are we taking, together with our international partners, to be prepared for the future? We will briefly present the recently-awarded NSR Interreg Manabas and have an interactive discussion with the participants on what are the main enabling factors for successful coastal adaptation, and what are the main lessons for future that we should take home from PACCO.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s706441ae2cb04c06912868f7891eab30>

3.2.5 Session 3 – Breakout Groups – Horizon Suite

An introduction to the Flood and Coastal Resilience Innovation Programme (FCRIP) projects – Becky Lofts (LGA Coastal SIG), Karen Thomas (Coastal Partnership East), Joanne Matthews (Southend-on-Sea City Council)

Summary: The 6 FCRIP projects are looking at innovative actions to improve coastal resilience to flooding and erosion. This session will introduce some of these projects and what they are looking to deliver.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-scdb147df231243618cc65f9cd162986a>

Model for Engagement of Communities and Stakeholders in Coastal Adaptation and Landscape Change – Roger Auster and Stewart Barr (University of Exeter)

Summary: Working with partners at the University of Exeter and Lisode Consultancy, Roger and Stewart delivered a PACCo work package to develop a transferable model for the engagement of communities and stakeholders in coastal adaptation schemes. The theoretical model was developed from the findings of a suite of research activities, learning from the engagement processes undertaken in the Lower Otter Restoration and Saône Territorial Projects. In this session they will share an overview of the final model output. The session will consist of a presentation, building up the model and introducing the component parts. The presenters would welcome reflections from attendees on whether the findings resonate with their own experiences.

Roger's reports are available here:

[Report 1 – Documentary Evaluation: WP2 Socio-economic Methodology for Engagement and Involvement of End Users and Key Stakeholders – Promoting Adaptation to Changing Coasts \(pacco-interreg.com\)](http://pacco-interreg.com)

[Full report 2 – Engagement model, interviews and workshops: WP2 Socio-economic Methodology for Engagement and Involvement of End Users and Key Stakeholders – Promoting Adaptation to Changing Coasts \(pacco-interreg.com\)](http://pacco-interreg.com)

[Executive Summary \(Report 2\) – Model based on interviews and workshops\): WP2 Socio-economic Methodology for Engagement and Involvement of End Users and Key Stakeholders – Promoting Adaptation to Changing Coasts \(pacco-interreg.com\)](http://pacco-interreg.com)

[WP2 Socioeconomic Framework report: the history and background to the Lower Otter and Saône Valley sites – Promoting Adaptation to Changing Coasts \(pacco-interreg.com\)](http://pacco-interreg.com)

Photo(s):



Links to slides:

[PACCo: Natural Capital and Socio-economics - YouTube](https://www.youtube.com/watch?v=...)

<https://ea.sharefile.com/d-sda41214ed56749c4a26477cab9ee8b1d>

A natural capital assessment of the Lower Otter – Suzi Armstrong (ABPMer)

Summary: Suzi will describe the findings from a recent natural capital assessment that ABPMer undertook for the Lower Otter Restoration Project

This presentation didn't go ahead but you can listen to recorded version below. The full report can be viewed here:

[Natural Capital Assessment for the Lower Otter: Assessing and quantifying the socio-economic benefits from adaptive management of estuarine sites \(WP2\) – Promoting Adaptation to Changing Coasts \(pacco-interreg.com\)](#)

Links to slides:

[PACCo: Natural Capital and Socio-economics - YouTube](#)

<https://ea.sharefile.com/d-s162bbf012c624f219cc45ffbbf9fc74c>

3.2.6 Session 4 – Plenary – Auditorium

The Flood and Coastal Innovation Programmes – making change happen - Andy Eden (Environment Agency)

Summary: This session will explore the scope of the £200m Flood & Coastal Innovation Programmes, not only highlighting the learning and evidence that will be generated over between now and 2027 but will also draw attention to some of the opportunities and challenges for mainstreaming what we have learnt – in other words, how do we make the change happen and what's our role in making the change.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s2e7bbf2a5c444599bb9019f0ea71c9bc>

Keynote speaker 2 - Agnès Vince (Conservatoire du littoral)

Summary: Keynote speech from Conservatoire du littoral summarising some of their ground-breaking work on coastal climate change adaptation in France.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s3fe61a774a9b4da79537f0cbe5f179fb>

Introduction to the Southsea Coastal Scheme and site orientation – Chris Koster (Coastal Partners)

Summary: A brief overview of the Whats, wheres and whys of the Southsea Coastal Scheme ahead of the Site Visit.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-s98a59ee39c7b4c4b90df219339af22da>

Southsea Coastal Scheme – Site Visit Logistics – Ed McIntyre (Environment Agency)

Summary: Provide an overview of the site visit logistics for the Southsea Coastal Scheme covering meeting location, route, timings, what to bring and a health and safety briefing.

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-sccb14a108b2049a1892625939f1b6cfe>

Coastal Practitioners 2024 – Eleanor Blundell (Environment Agency)

Summary: Eleanor will be passing on the baton for the 2024 Coastal Practitioners Conference

Photo(s):



Links to slides:

<https://ea.sharefile.com/d-sbe1199f87fc2484bbcd34d431cd9282d>

Reflections and close conference session – Ben Johnstone

Summary: Ben summarises the conference and drew it to a close.

So we are coming to the end of the conference sessions. We have had about 200 people, from 5 different countries, representing 50 different organisations, all sharing knowledge and best practice.

- We all face common challenges. These are international.
- We can't do this alone. It has to be everyone.
- We all need to have a go, but have a go together.
- This is a whole society problem.
- We need a better co-ordinated and integrated way to deliver coastal adaptation. This starts with Central Government and then filters down to local government, non-departmental government bodies, partners and of course the communities.
- We have a pretty good idea of what needs to happen but we don't have all the policies/processes/funding to make it happen. We should be pursuing highest value for a community not lowest cost.

I will now highlight a few thoughts, actions and questions for you to take away and think about...

- Top 10 warmest years have happened in the last 13 years
- Plan for 2m Sea Level Rise and hope for 1m by the end of the century
- We need to be open about the Inconvenient Truth
- Work with mother nature and not against her...she will win in the end, but we need to convince people that nature based solutions will work
- Avoid ecological deserts, we need to give nature a chance
- Mitigation is not good enough, we need enhancement
- Multifunctional is Multi-fundable
- Is it time for a review of environmental designations and the sustainability of these?
- Avoid unmanaged and uncontrolled landscape change
- Show the past to help people understand the future
- Maximum opportunity and choice exist long before the trigger that forces change
- Be Courageous and Decide to Act
- Do we invest in Coastal Defences or the people and communities behind them?
- Emotion beats Evidence everytime.....Sort the emotion first.
- And my conference favourite....'Niches for Species'

BUT, I think we have the perfect recipe for success. Practitioners, all of you in this room, with all the evidence and technical knowledge to solve a problem. We have a broad list of options and case studies for using an adaptive approach. Working collaboratively with our vulnerable communities and seeking mutually beneficial opportunities for a sustainable future. To recap :

- **P**ractitioner
- **A**daptation
- **C**ollaboration
- **C**ommunity led
- **O**pportunities

What does that spell? PACCo.....Voila! Thank you.

Photo(s):



3.3 Beak-out group summaries

3.3.1 Restoring Meadow Marsh and Reef (ReMeMaRe) – how realistic is our ambition? - Roger Proudfoot and Ben Green (Environment Agency)

Question 1.

- Engagement with landowners to achieve their consent
- Giving adaptation greater weight in planning policy
- More investment avenues, especially unlocking GiA for environmental improvements
- Landward designations versus coastal designations
- Rollback : Several locations in the UK are seeing changes to beaches e.g. beaches becoming mudflats.
- At present there isn't planning policy to assist with allowing natural rollback of habitats
- Balancing food security with carbon capture
- Long-term strategic plans that accommodate and address the various habitat requirements e.g. SMP compensatory habitat, BNG targets, ReMeMaRe, carbon capture (this isn't currently provided by SMPs).

Questions 1.

- Deliver on SMP managed realignment opportunities
- Influence local planning policy (inc CCMA)
- Dedicated engagement/adaptation managers to engage and work with landowners – 60% of NBS project fundings usually needed for engagement
- Opportunity mapping – most effective versus easy wins
- Clear guidance on powers we have to deliver these projects where collaborative working is difficult
- Re-assess inherited flood defences where protection/maintenance may no longer be the best land use option
- Deliver multi-benefits – land owners etc more likely to 'make space' if there are benefits to them / community

- Financial incentives for landowners
- Involve the community from start – local knowledge/citizen science
- Planning system – BNG, DCOs, ESs and PEIRS
- Expertise – get Unis, schools, colleges involved

Questions 1.

- Map opportunities – map habitats and refine locally
- Community engagement
- Historic sources
- Ownership – community and private landowners
- New fundings – local nature recovery funding
- Innovation
- Alternative land use
- Compensation
- Transition ways of working
- Coastal champion – coordination

Questions 2.

- Habitat specific
- More coordinated approach – Between agencies, regions and legal frameworks
- All this requires more resources

Questions 2.

- Public sector pay – retaining existing staff and attracting new staff
- Really hard to recruit ecologists – need to upskill existing staff
- Work with education providers to provide skilled workers – skills-based university courses
- Partnership working – pool of people with long-term strategic view
- Identify skills required
- Ensure rolling, long-term commitment – particular fundings, private fundings?
- Development of marine net gain
- Long-term-monitoring
- Disseminate information

Questions 3.

- Early engagement (at scoping stage), build trust
- Build evidence base
- Demonstrate benefits and talk about challenges (and how to manage these)
- Local partnerships
- Flexible approaches and listening to people
- Resource engagement
- Build education materials primary to university

Questions 3.

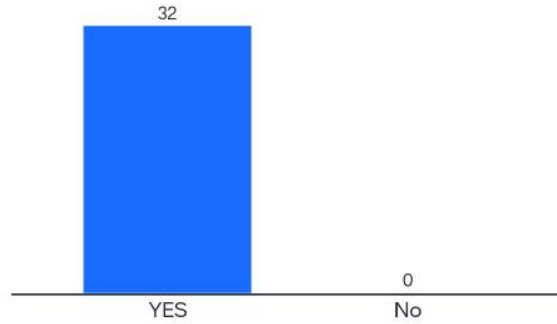
- CPM 2Cs coastal hub
- Central point for engagement
- Myth musting – what can be done, who do they speak to
- Channels of communication – social media
- Levels of understanding of the system and climate change
- Early engagement
- Benefits – wider – individual
- Coastal champion
- Understanding habitats under sea/estuary
- Lack of connection to sea from residents
- Keeping things the same
- Landowners/private
- Awareness
- Conflicts
- Climate/biodiversity emergency
- Who is the coast for? Sea, Marine, Communities, All!

Questions 3.

- Explain benefits – how habitats alleviate flooding
- Explain to organisations and communities
- Value are so important – Show examples of what works, make it tangible
- Public narrative approach – start asking questions. What do you value?
- Find ways to align values
- Build trust – Ask. Show that you have heard. Do what you say you will do. Take risks
- Co-creation – Takes time, but saves time in the long run
- Link effectively with placemaking
- How do you make people love undervalued salt marsh – communicate in a non-technical way
- Hydro-citizenship – ‘My blue footprint’
- Working in communities as equals through co-creation. Communicate values. Build narratives of ‘us’- going beyond engaging a partner

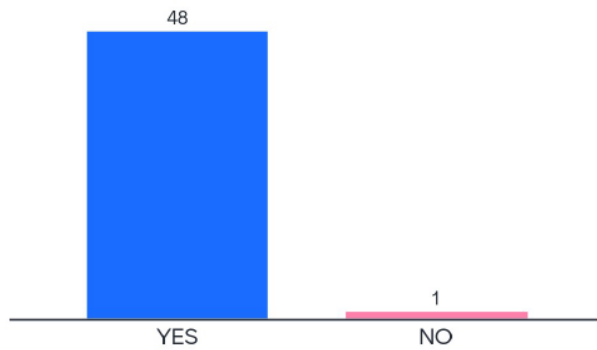
3.3.3 Using the coastal monitoring website in coastal management practice - Thomas Dhoop

Is the online manipulation of data a useful thing to have? Mentimeter



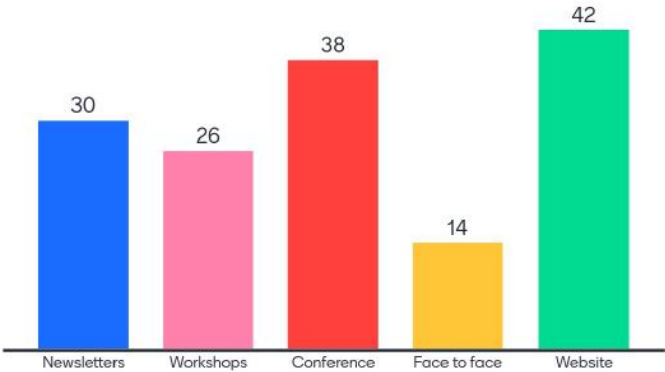
3.3.4 FCRIP Projects – Beccy MacDonald-Lofts, Karen Thomas, Joanne Matthews

1. Would you welcome a central location for all the information that comes out of these projects? Mentimeter



2. How would you like to receive updates?

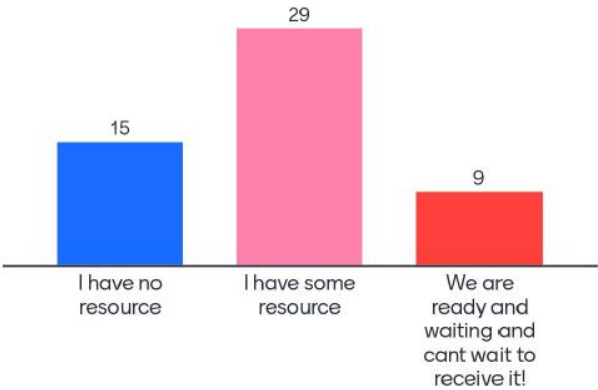
Mentimeter



51

3. Do you have dedicated resource/capacity to embed the information you receive in your day job?

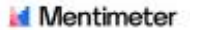
Mentimeter



53



4. Have you got any information or experience to contribute to these projects? If yes then please add your details or come and see us.



Links across wider FCIP.

Catherine.harries1@environment-agency.gov.uk

Will come visit.

I would be pleased to be a critical friend

Katie.Eckford@Sefton.gov.uk

Tim McGrath tim.mcgrath@wwtorg.uk

Yes happy to be a 'not too' critical friend
Carl.Green@wyre.gov.uk

Yes and pleased to be already involved. Great presentation coastal FCRIPI Rachael.hill@environment-agency.gov.uk

Georgia Thompson- Lincolnshire Coast comms and engagement. Georgia.thompson@environment-agency.gov.uk

4. Have you got any information or experience to contribute to these projects? If yes then please add your details or come and see us.

Conflict of interest with protected designated sites is an area of conflict that NRW are on the cusp of addressing within a number of coastal adaption sites and projects. R Park NRW

Stakeholder engagement experience. Freelance remotely. 30 years EA key learning Shaldon TDS. email: bridget@bb-pr.com

Ongoing research into the efficacy of innovative climate resilient infrastructure; proof of concept for hybrid flood defences (eg. fluvial and tidal). FCRIP resonates with me and I'd love to get involved. Reece.cammock@environment-agency.gov.uk



4 EXHIBITION

Summary of exhibitors

In the exhibition space the following stall were available for delegates to visit and interact with.

Promoting Adaptation to Changing Coasts (PACCo)

The project focuses on two pilot sites: the lower Otter Valley, East Devon, England and the Saône Valley in Normandy, France. This initiative will recreate 100ha of inter-tidal and wetland habitat, enhance ecosystem services and bring socio-economic benefits to the two focus sites.

[Promoting Adaptation to Changing Coasts \(pacco-interreg.com\)](http://pacco-interreg.com)



Basse Saône 2050 – Climate Change adaptation project Normandy (France)

Adapting the territory of the lower Saône valley to the realities of the 21st century (including climate change) is the ambition of the Basse Saône 2050 territory project. It is the sister project to the Lower Otter restoration project. It is part funded through PACCo.

[Basse Saône 2050 - Basse Saône 2050 \(basse-saone-2050.com\)](http://basse-saone-2050.com)



Bude adaptive pathways project

The objective of this project is to understand how an effective set of coastal change visualizations, underpinned by credible and robust scientific data, can help us undertake mature and informed engagement which empowers community-led decision making on a sustainable and adaptive response to coastal change.



Sustainable and Resilient Coastal Cities (SARCC)

SARCC's aim is to help mainstream nature-based solutions (NBS) into coastal management and policy making, whether that is as stand-alone projects or NBS-hybrids, where they are integrated into existing grey infrastructure and flood defences.

[SARCC - Sustainable And Resilient Coastal Cities](#)

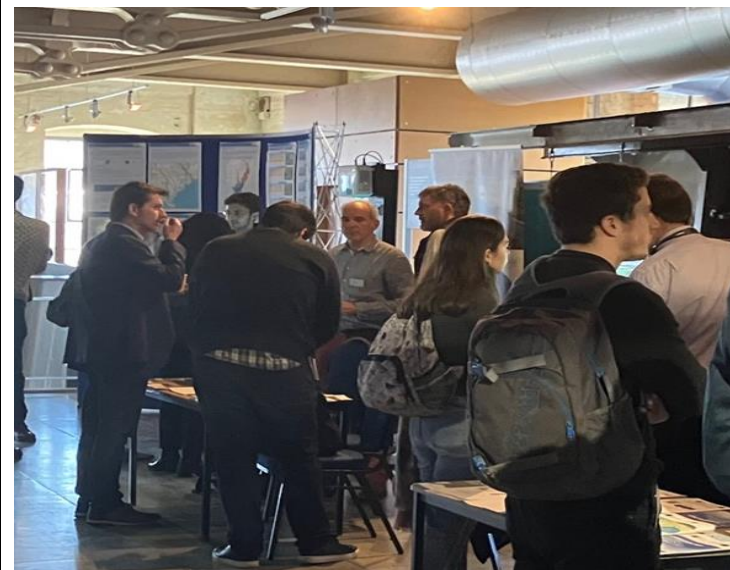


EU Life ADAPTO project – 10 climate change adaptation projects on the French coast

Initiated by the Conservatoire du littoral, adapto is a project supported by the European Union through the LIFE program. Adapto explores solutions to the impacts of climate change on the coast, like sea level rise and the increasing frequency of extreme weather events.

On 10 pilot sites owned by the Conservatoire du littoral, adapto experiments adaptive coastal management. It helps demonstrate the ecological and economic benefit of improving the resilience of coastal areas to protect human activities by opening more space for the coastline.

[Home adapto, a LIFE project initiated by the Conservatoire du Littoral \(lifeadaptto.eu\)](http://lifeadaptto.eu)



Hurst spit to Lymington Marshes model

The Hurst Spit to Lymington Strategy aims to investigate how to respond to the significant challenges facing this area of coastline now and in the future. A key purpose of a strategy is to recommend options to manage erosion and coastal flood risk which are sustainable in the longer term. It will outline a programme of future projects whilst also providing the high-level justification for that future work.

This strategy will look forward to the next 100 years and appropriately explore what an adaptive coastline could and should look like. This is the start of a very forward-looking strategy that we hope will provide opportunities to protect, strengthen and enhance the environment in this area for future generations.

[Hurst Spit to Lymington Strategy \(hurstspit2lymington.co.uk\)](http://hurstspit2lymington.co.uk)



Coastal partners

Coastal partners are a partnership formed of five councils who lead on coastal issues across 246km of Hampshire's coastline. You will hear about some of their projects during the conference, but this stall will showcase some of their projects.

<https://coastalpartners.org.uk/>



5 SITE VISIT

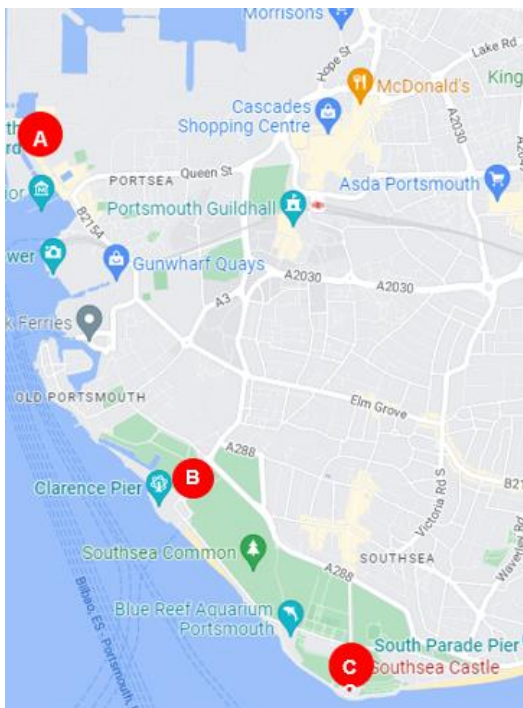
What site visit am I going on?

Coastal Partners gave us a tour of the Southsea scheme, which is an exciting project within walking distance of our conference venue. The route went past sub-frontage 1 and 4 of the scheme (see map below). You can find out more here:

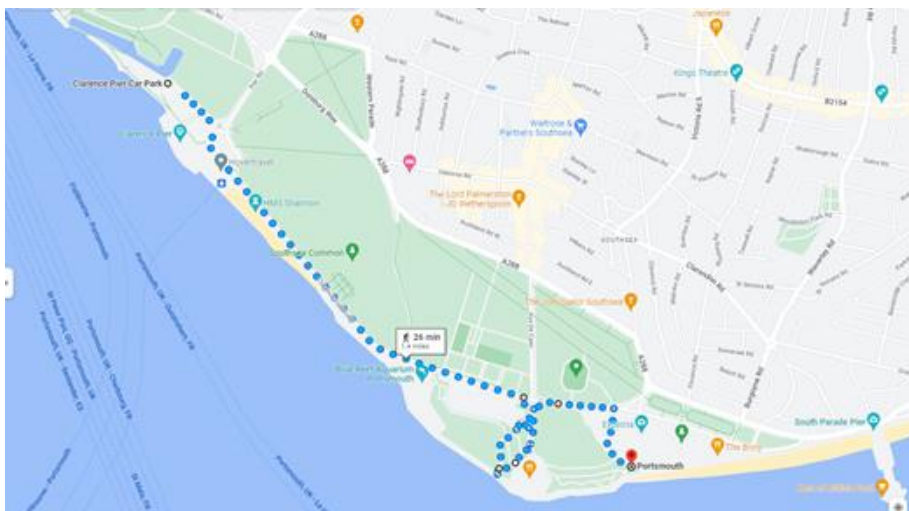
[Southsea Coastal Scheme — Coastal Partners](#)

Map 2 shows the start and finish of the site visit, and Map 3 shows the route of the tour.

Map 2. Map showing start and finish of the site visit



Map 3. Map showing rough location of site visit



Conference delegates visited the innovative Southsea scheme and were able to see two of the frontage sites of the 4.5km long scheme today.

The Southsea scheme is the UK's largest local authority-led coastal defences project, it has minimised its carbon footprint throughout, and has reused materials from the original 17th century defences and stone. On completion, it will protect historical sites of interest and around 10,000 homes.



6 ATTENDEE FEEDBACK

6.1 Feedback by email

6.1.1 Feedback related to acoustics

The acoustics in the venue was less than good, especially if attendees had hearing difficulties in particular:

- Sound quality wasn't great in auditorium or horizon suite.
- In the main auditorium the PA was quite quiet.
- One of the roving mics had an echo on it which made hearing difficult.
- The sound system engineer for Action stations who was booked did not turn up
- Horizon suite had no microphones which made it hard to hear speakers and ask questions

For the next coastal practitioners event it is important to check on acoustics with the venue prior to booking and seek out a venue with hearing loop provided.

6.1.2 General feedback

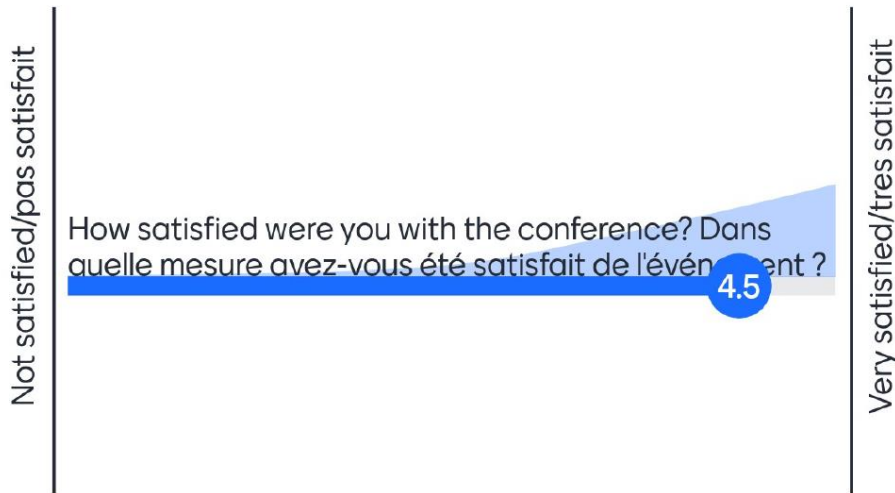
The following is a summary of feedback received by email:

- Those attending who were in the working group were impressed with the presentations and pacing of conference.
- Would be good to know of any spaces a few days before in case people can attend last minute.
- They said massive thank you to those organising and you did an incredible job
- Really telling that conference was about people, community and environment. Wasn't all about concrete and rocks where it was 10 years ago but it's great that adaptation is fully embedded in the direction of travel.
- From someone who had attended all (bar one) Coastal Practitioners conferences: this was the best coastal practitioners so far. More of a theme and longer but great. He also said he would like to get this further out to other practitioners who wouldn't normally get an invite
- Some coastal authorities had said they couldn't afford the time to learn – local authorities under pressure where one man or two-man teams can't afford the time. Coastal Group may have another call to arms on resource capacity and skills.
- The importance of international collaboration was highlighted, learning from international examples- all experiencing similar adaptation challenges.

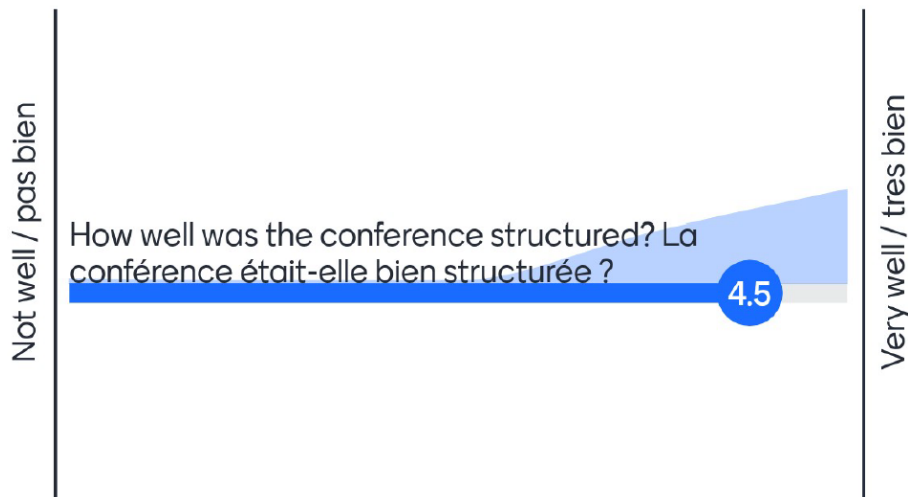
- Too close to other coastal initiatives including Coastal Futures and the FCRIP forum with resourcing issue
- Thank you for a lovely venue, catering and good company at the PaCCo Coastal Practitioners conference earlier this week. I was impressed by the sense of community amongst the delegates and the in-depth content showcasing front-line coastal adaptation work.
- Thanks for this week. We spent a great moment and hope that our contribution will also be helpful to the coastal practitioners. I hope you feel that your efforts were rewarded and took some time off to release the pressure.
- This kind of event not only helps us to meet new people working on the same topics in different areas, but also tightens our bonds as a team. Even if we work from 2 countries and the COVID forbade us from meeting in-person at first, we managed to get to know and appreciate each other as a team.
- Thank you for your part in organising what I think was a great conference. I know what a massive amount of work it has been. It had a great vibe and seemed to be liked by those I spoke to. I really enjoyed it, so thank you.
- Just wanted to say, I thought the coastal conference was great.
- I just wanted to say a big thank you and massive congratulations for a fantastic event. It was clear just how much work has gone into the organisation and smooth running of it all, and the end product was really terrific. I can't think of any conference that I've been to before which has done a better job of getting people talking and then in particular giving us space to continue those discussions over a coffee.

6.2 Feedback from menti-meter

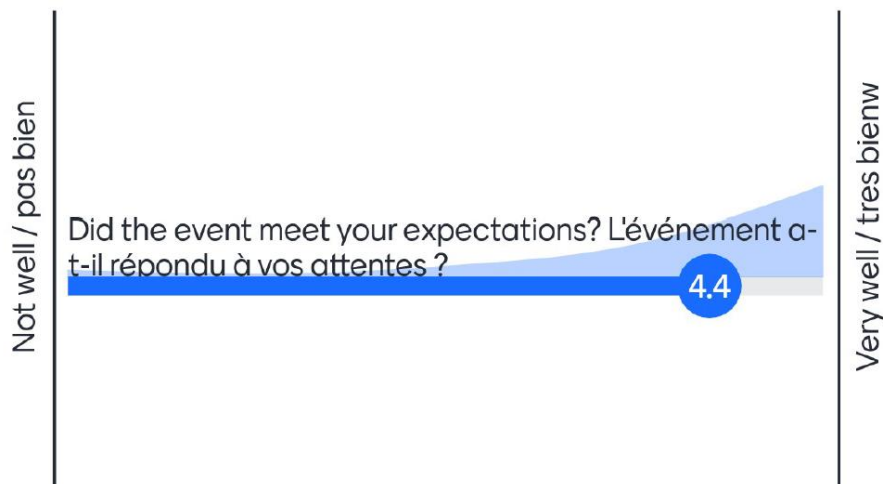
6.2.1 How satisfied were you with the conference?



6.2.2 How well was the conference structured?



6.2.3 Did the event meet your expectations?



6.2.4 Which topics would you like to see covered at future conferences?

Climate change adaptation/resilience

- Adaptation
- Adaptation and how to fund.
- Adaptation and Resilience
- Adaptation and resilience plus civil engineering construction projects
- Adaptation best practice sharing
- Adaptation, Partnership approaches and practical delivery of new approaches to coastal management
- Adaption techniques.
- Adaptive pathway project - quick updates from around the country Habitats
- Climate change, funding, hot topics
- How we deal with the threat of climate change in a coastal context and new and novel technology/approaches for the future.
- How we deal with the threat of climate change in a coastal context and new and novel technology/approaches for the future.
- More adaptation and resilience ideas/projects - what has/hasn't worked

Communities, partnerships and engagement

- As almost every presenter mentioned the importance of engagement maybe a deeper dive into this
- Co- creation
- Community engagement
- Community group on what they want from a coastal scheme, and how they have got involved.
- Engagement training

- Engaging with communities-detailed
- How will we support communities where managed retreat is the policy?
- Invite an individual who lives where the PACCO project is happening to share their experience of change in their place.
- Partnership working and joint funding opportunities.

Local talks and case study examples

- How small local authorities can do FCERM (we often only hear from the well-off local authorities)
- local presentations on local issues and topics, e.g., Schemes in Portsmouth, Fareham, Gosport Hurst to Lymington Strategy, Medmerry scheme monitoring etc
- Local project presentations to show case the area where conference is being held. Only coastal partners presented but not the local EA office who have some significant coastal projects.
- More examples.
- Project examples again
- Talks about the local coast (where the conference is being held)
- Wider range of projects discussed - smaller, bitesize.

Nature Based Solutions/ Natural flood management/ Biodiversity

- Coastal geomorphology.
- Further info / updates on eco engineering projects and monitoring
- Increasing biodiversity along our coast.
- Managed realignment schemes
- More blue-green carbon.
- More greening the grey.
- More NFM.
- More on Nature Based Solutions
- Natural Flood Management
- Nature based solutions, and rewilding, in coastal management.
- Often a focus on low lying coasts and coastal flooding, where nature-based solutions are easier to implement. Would be interesting to learn more about ecological enhancements on eroding coasts that sustain high wave attack.
- Training on biodiversity net gain
- Using Practical examples of: Developing and funding Nature Based Solutions. Multiple benefits of Coastal Schemes recognition. Cutting the "green" tape - allowing testing and development to improve the environment in designated areas

International examples

- Additional case studies on international projects
- How to collaborate international
- International speakers
- More direct comparisons between French and English sites and examples of learning between

- More Dutch experiences.
- More exchanges with French !
- More international examples
- More international speakers

Other

- Bigger badges, these were (too) small to really be able to read
- Could there be some more of these 'personable' exercises for smaller randomly selected teams?
- Early career speakers
- Facilitated networking
- Flood defence options
- For a coastal practitioners conference many talks were far too general and people attending should have a good understanding of these already, e.g. coastal monitoring, sea level rise, SMP
- How about focusing on the difficult and environmental cases?
- Ideally the 2024 event has nature based site visits
- More audience engagement exercises.
- More info on funding and policy solutions available for rural schemes
- More technical presentations as opposed to 'overview' presentations. The conference is for practitioners who should have good knowledge of the subject anyway.
- More variety on coastal defences and the different types - it was a great conference but came across very biased (IMO) on coastal defences & the types used.
- RE coastal practitioners, we have certainly seen more of our fair share of concrete and I hope the NW will not showcase more of what has been recently build.
- The audience 'Mexican' wave worked really well and broke the ice.
- Training workshops e.g. Numerical modelling
- What can we all do to contribute individually and collectively?

Policy

- Defra future plans and policies.
- MMO roles and responsibilities.
- Policy change
- Policy change routes
- The role of local policy on spatial planning to deliver coastal adaptation

Technical content

- Coastal handbook
- Future strategies and how this can be achieved
- Monitoring
- NaFRA2 update.
- Progress on FCRIP and CTAP

- Sea level rise - new flood options
- SMP update.
- Updates on Resilience Projects. Planning and SMP alignment.
- Updates on the technical presentations, particularly climate change and the environment and how the lessons learnt and being implemented.
- Withdrawal of maintenance.

7 SPEAKER BIOGRAPHIES

Name: Agnès Vince

Organisation: Conservatoire du littoral

Role: Director of Conservatoire de l'espace littoral et des rivages lacustres

Biography:

Study: Successful completion of concours d'Architecte-Urbaniste de l'Etat, Ministère de l'Équipement.

Management Public et Maîtrise Technique, Ecole Nationale des Ponts et Chaussées, Paris.

Started working in Civil Service in 1989-1990

She has a diploma of architecture dplg, Ensa Paris La Villette (1985)

Career:

- November 25, 2019 - Director of the Conservatoire de l'espace littoral et des rivages lacustres
- 2014-2019 - Director in charge of architecture, assistant to the general director of Heritage, Ministry of Culture
- 2008-2014 - Deputy director of the coastline and marine environments, directorate of water and Biodiversity, General Director for Development, Housing and Ministry of Ecology, Sustainable Development and Energy
- 2005-2008 - Deputy director of the planning professions at the General Directorate of Urban Planning, Housing and Construction, Ministry of Ecology, Energy, sustainable development and land use planning
- 2000-2005 - Head of the office of the mission of the general inventory of cultural heritage, assistant to the deputy director of archaeology, ethnology inventory and computerized documentary systems of architecture and heritage at the direction of architecture and heritage at the Ministry of Culture and Communication
- 1997-2000 - Head of the office of the teachings at the direction of the architecture and the at the Ministry of Culture and Communication
- 1994-1997 - Assistant to the head of the office of education at the direction of architecture and urbanism, Ministry of Equipment, Transport and Housing
- 1991-1993 - Responsible for the "Parisian and Ile de France sector" at the direction of programming and university development, Ministry of National Education Ministry of National Education, Higher Education and Research

Name: Alex Prior – Southsea Coastal technical lead

Lucy Sheffield – Coastal Environment Project Engineer – environmental enhancement lead

Organisation: Coastal Partners

Role: Southsea Coastal Scheme technical lead

Biography: Alex is a civil engineer who has worked on the Southsea and North Portsea Island coastal schemes on and off over the past ten years. Currently working as the technical lead for the Southsea scheme, Alex works closely with the design and site supervision teams on the delivery of the project.

Lucy is a marine ecologist with over twenty years' experience, with the last nine at Coastal Partners, incorporating environmental enhancements into a range of coastal defence schemes.

Lucy has brought many diverse disciplines together to develop innovative techniques and solutions to deliver environmental benefits at scale.

Name: Amélie BOUTILLIER

Organisation: Communauté de communes Terroir de Caux

Role: Deputy General Manager of Engineering

Biography: Amélie manages the installation and construction of the Soléa wastewater treatment plant located in Longueil and its wastewater networks (nearly 30km of pipes). Some of the work is financed by the PACCo project. She also oversees other construction projects implemented on the territory of the Communauté de communes (79 towns).

Name: Andy Eden

Organisation: Environment Agency

Role: Environment Agency, Flood & Coastal Risk Manager: Adaptation & Resilience

Biography: Andrew Eden is the national lead for the themes of flood and coastal resilience and adaptation in the Environment Agency, as well as the Progr4amme Executive for the £200m Flood and Coastal Innovation programmes. Andrew has 15 years experience across the flood and coastal risk management sector, working in private and public sector matters. He has played a key role in developing the concepts of flood and coastal resilience in the National Flood & Coastal Erosion Risk Management Strategy and his team is responsible for setting the national guidance on accounting for climate change allowances in development planning and flood and coastal risk management schemes – used by all local authorities.

Name: Beccy MacDonald-Lofts

Organisation: Local Government Association (LGA) Coastal Special Interest Group (SIG)

Role: Local Government Association Coastal Special Interest Group, Lead Officer

Biography: The LGA Coastal SIG have a membership of 57 coastal councils, covering ~60% of the English coastline and serving ~16 million people. The Group work in partnership with many organisations to raise awareness of the challenges faced by coastal communities and ensure that their voices are heard so that opportunities to make these unique communities resilient and thriving are taken. Beccy leads the work of the LGA Coastal SIG, working in collaboration with others including the Coastal Group Network. The SIG is hosted by South Tyneside Council who are delivering the Stronger Shores project (FCRIP). Together they will be delivering a session on their work and how where a collaborative approach has succeeded. Beccy comes to the role of Lead Officer with a varied background with includes MPA management, intertidal survey, and community engagement. Twitter: @LGACoastalSIG / @BeccyMacD

Name: Ben Johnstone

Organisation: Environment Agency

Role: Area Flood and Coastal Risk Manager - Devon, Cornwall & Isles of Scilly. Project Sponsor for PACCo

Biography: Ben has worked in Flood and Coastal Risk Management within the Environment Agency since the mid-1990s mainly in engineering roles. In 2015 he became the area Flood and Coastal Risk Manager for Devon, Cornwall & Isles of Scilly. In this role, his teams are responsible for delivering the Environment Agency's flood risk capital programme, providing flood warnings, strategic planning to manage flood and coastal risk and incident management. Ben is a Chartered Civil Engineer & Environmental Champion, BEng (Hons) CEng MICE

Name: Bryan Curtis

Organisation: Coastal Group Network

Role: Chairman of the Coastal Group Network, Chair of the National Network of Regional Coastal Monitoring Programme's Strategic Board, Chair of the South East Coastal Group

Biography: Bryan is a Chartered Water and Environmental Manager and often dubbed as the "voice of the coast". He says that his sole aim in the last 20 years or so has been to ensure that the coast and the complexities of its management are not forgotten or sidelined. He is a long-standing Coastal Group Chairman and been involved in the delivery of coastal management at local, regional and national levels for over 40 years. He took early retirement from his substantive Principal Engineer role with the partnered Councils of Adur and Worthing in 2015 and following his once in a lifetime sail across the Atlantic established an independent consultancy to continue to meet the challenges of Flood and Coastal Erosion Risk Management as the Chairman of the Coastal Group Network. As a staunch advocate of partnership working Bryan continues to promote working together and sharing ideas, resources and information freely within the sector. Regrettably for Bryan, this will be his last Coastal Practitioners Conference as his term as a Coastal Group Chairman and contract to continue as the Chairman of the Coastal Group Network all end in August so he wishes you all well for the future.

Name: Camille Simon

Organisation: Conservatoire du littoral

Role: Project Manager - Saône Valley Territorial Project / PACCo Project

Biography:

Since 2019, Camille has been in charge of the management and coordination of the territorial project Basse Saône 2050, a restoration project of which some of the works are financed through the PACCo project. The Conservatoire du littoral organises the project's governance meetings (technical and steering committees), updates and monitors the territorial project's calendar and budget (estimated at €40M), and also manages the communication around the project with for example the Saône valley newsletters.

Name: Caroline Douglass

Organisation: Environment Agency

Role: Executive Director for Flood and Coastal Risk Management

Biography: Caroline is the Executive Director for Flood and Coastal Risk Management for the Environment Agency and is responsible for making this country a better place by protecting and preparing homes and businesses from flooding and coastal change and creating climate resilient places for the future.

With over 25 years' experience in the public service, Caroline worked with the State Government in Victoria, Australia prior to moving to the UK in 2011 and has been an Area Director and Director Incident management and Resilience in EA.

She is an experienced senior executive with a background in land and natural resource management and emergency management covering both policy and operational areas. Her experience in emergency management and incident response includes bushfire and flood response in Australia, the United States and the UK, including the 13/14, 15/16 and 2020 flood events in England. In 2008 she was the first female to lead a contingent of Australian and New Zealand firefighters to support the United States in Northern California with bushfire response. Caroline appeared as an expert witness at the Royal Commission into the Black Saturday bushfires in 2009.

Caroline has an Executive Masters in Public Administration from the University of Melbourne and completed the Senior Executive Programme at the London Business School in 2012.

Name: Dr Charlie Thompson
Organisation: Channel Coast Observatory
Role: Channel Coast Observatory Director

Biography: Dr Charlie Thompson is the Director of the Channel Coastal Observatory (CCO) and representing the National Network of Regional Coastal Monitoring programmes (NNRCMP) of England. The NNRCMP has provided the evidence base needed for flood and coastal erosion risk management (FCERM) in England, for over a decade and CCO has led the Southeast Regional Coastal Monitoring Programme for 20 years. NNRCMP ensures a targeted, informed, standardised and freely available data source for coastal management, modelling and forecasting, incident response, research and education.

Charlie has a career in coastal process research spanning two decades, with an emphasis on sediment dynamics. This includes over 50 peer reviewed publications and many international collaborative research grants. Much of her research has been multidisciplinary, working together to answer joint research questions in coastal and marine settings.

Name: Chris Koster
Organisation: Coastal Partners on Behalf of Portsmouth City Council
Role: Construction Delivery Manager

Biography: Chris is a Team Leader and Construction Delivery Manager for the Southsea Coastal Scheme and has been with Coastal Partners since 2014. Chris primarily works on Capital coastal and port infrastructure projects, with a focus on construction delivery and NEC ECC contract management. He is based near Fareham and primarily works on Solent projects. Chris has been involved in the Southsea scheme since 2016 during the pre-construction stage.

Name: Ed McIntyre
Organisation: Environment Agency
Role: Graduate Engineer, Promoting Adaptation to Changing Coasts (PACCo) Project Team

Biography: Ed McIntyre is a Graduate Engineer working in the Promoting Adaptation to Changing Coasts (PACCo) team. He has a Civil Engineering (first-class honours) MEng degree from Newcastle University, and prior to joining the Environment Agency's graduate programme, worked for Natural England. Joining the PACCo team in 2022 on his second graduate rotation, he shaped the legacy guide, wrote the Design and Construction chapter, and facilitated site visits.

Name: Eleanor Blundell
Organisation: Environment Agency
Role: Senior Advisor – Coast and Development Planning

Biography: Eleanor has been with the Environment Agency for 14 years, 10 of which she has spent working in Flood and Coastal Erosion Risk Management. Working in various FCERM teams at a national and operational level, her work has generally focused on partnership working. She has been involved in producing strategies including the Cumbria Floods Partnership strategy, and more recently the National FCRM Strategy. She has significant experience working with partners and stakeholders on FCERM issues and projects, and has recently returned to the national Coastal team where she is leading on partnerships and engagement for the team.

Name: Fiona Crayston
Organisation: Environment Agency
Role: Senior Advisor – Coastal Planning

Biography: I am technical lead for the Shoreline Management Plan Refresh Project and cover the wider Coastal Planning remit at the Environment Agency. I have previously worked with Risk Management Authorities to secure funding for their capital projects. Prior to that worked at a Local Council, including leading on the production of the second generation of Shoreline Management Plan.

Name: Kellie Fisher
Organisation: Environment Agency
Role: FCERM Senior Advisor to North Norfolk CTAP

Biography: Kellie Fisher is a chartered engineer with CIWEM and has worked for the Environment Agency for 10 years, having previously worked as a Geotechnical Engineer in the UK and Australia. She is a Flood and Coastal Erosion Risk Management Senior Advisor in the East Anglia Coastal Team, supporting the North Norfolk Coastal Transition Accelerator Programme (CTAP). Kellie has also acted as the Environment Agency's National Coastal Adaptation lead, working to deliver adaptive coastal management as well as shaping longer term strategy and policy. She has significant experience of working with vulnerable communities on the East Anglian coast and regularly promotes anticipatory coastal adaptation through conference workshops, presentations and as an author of papers.

Name: Dr Helen Jay
Organisation: National Trust
Role: Senior National Consultant – Coast

Biography: Academically my background is in environmental science and coastal geomorphology and prior to joining the National Trust last year, I worked for many years in consultancy, specifically in the development of shoreline management plans, coastal strategies, and defence schemes. As Senior National Consultant for Coast at the National Trust, my role involves providing advice and technical support to our property teams who look after many miles of incredibly diverse coastline across England, Wales and Northern Ireland.

Name: Hiromi Yamashita
Organisation: Ritsumeikan Asia Pacific University, Japan
Role: Professor

Biography: Originally from Japan, Hiromi Yamashita has conducted various research projects in the UK over recent decades. She is an environmental sociologist who has been interested in community involvement in coastal developments and restorations. Her previous work looked at local people's perceptions towards coastal wetland restoration projects in Somerset (Stearth Marshes project), Malaysia (Kuala Gula) and Japan (Shima city). Her recent publication include: Yamashita, H. (2022)(ed.) *Coastal wetlands restoration: Public perception and community development*. Routledge; Yamashita, H. et al. (2021) Communication and Engagement, in Hudson, R., Kenworthy, J. and Best, M. (eds) *Saltmarsh restoration handbook UK & Ireland*. London: Environment Agency. She is an Advisor for the Ramsar Regional Center - East Asia, and currently a Visitor at the Conservation Science Group, Department of Zoology, University of Cambridge.

Name: Ivan Haigh
Organisation: University of Southampton
Role: Professor in sea level and coastal oceanography

Biography: Ivan Haigh is a Professor in the School of Ocean and Earth Science at the University of Southampton. His research specialises in sea-level rise, extreme events and coastal flooding impacts, across local, regional and global scales. He investigates variations in sea level, from timescales of seconds to days, through to long-term century-scale rises in sea level. A key part of his research is determining how to effectively translate the results of these studies to local scales in practical terms, in ways that will aid coastal management in coastal cities, deltas and small islands. He has provided detailed scientific advice to governments, NGOs, and commercial organisations around the world.

Name: Jake Bailey
Organisation: Environment Agency
Role: NaFRA2 New National Model technical lead

Biography: Jake has working in the flood risk industry for 10 years, initially in the private sector carrying out national and global scale modelling projects and for the last 6 years in the EA in a variety of data focused roles leading to his current role as the Technical lead for the New National Modelling element of NaFRA2.

Name: Monsieur Jean-François Bloc
Organisation: Commune de Quiberville-sur-Mer
Role: Mayor

Biography: Mayor of his hometown for more than 30 years

Name: Joanne Matthews
Organisation: Southend-on-Sea City Council
Role: Principal Civil Engineer

Biography:

Jo is a Principal Civil Engineer and NEC Project Manager with over twenty years' experience working in both the highways and flood and coastal erosion management sectors, with particular interest in NBS, sustainable water management and hydro-citizenship.

Jo has delivered numerous capital and revenue projects throughout the Essex area as well as being involved in incident duty functions and community engagement roles.

Jo is the project sponsor for the FCRIP project, Catchment to Coast and also leads on flood and coastal strategy at Southend on Sea City Council, in addition to acting as LLFA Manager.

Name: Dr Jure de Vries
Organisation: Rijkswaterstaat
Role: Senior Advisor

Biography: dr. Jurre de Vries is senior advisor at Rijkswaterstaat, with a main focus on the morphology of the Wadden Sea. At the same time, he works on Building with Nature/Nature-based Solutions, such as the recently-awarded NSR Interreg project Manabas. Jurre has a background in Physical Geography at Utrecht University, with a specialization in coastal dynamics. After his studies, he did a PhD at the Royal Netherlands Institute of Sea Research (NIOZ), looking into the tidal dynamics at the Marsdiep Inlet. Afterwards he worked for 5 years at Van Oord as an environmental engineer, and in that role he did a lot of work on Building with Nature. He was lead of the EcoShape's Guidelines development team and co-lead of the chapter on systems thinking for the USACE-EA-RWS handbook on Natural and Nature-based Features. In his present role, he is also lead of WP1 of the Manabas project, developing a framework of mainstreaming NBS.

Name: Karen Thomas
Organisation: Coastal Partnership East
Role: Head of Coastal Management

Name: Kevin House
Organisation: Environment Agency
Role: FCRM Senior Advisor, Coast & Development Planning Team

Biography: I am a Senior Advisor in the Environment Agency's Coast and Development Planning Team, leading on our strategic oversight of the coastal investment programme and habitat creation. I joined the Environment Agency in 2003 as the Environment Lead on the Thames Estuary 2100 Project. In my previous role working for the National Environmental Assessment and Sustainability (NEAS) team I have worked on numerous Flood Risk Management Strategies and Projects leading on Strategic (SEA) and Environmental (EIA) Assessment and Habitats Regulations Assessment (HRA), including the Steart Coastal Management Project.

Name: Dr Lee Swift

Organisation: Environment Agency

Role: Principal Scientist, Flood & Coastal Erosion Risk Management Research - Coast

Biography: Since completing his PhD on coastal morphological change at University College Cork, Lee has worked on a range of coastal and estuarine topics for the Environment Agency. These include Shoreline Management Plan development and implementation, helping to establish a coastal monitoring programme in North West England and assessing impacts of development on estuarine and coastal hydromorphology. In his current role, Lee oversees coastal research undertaken by the EA/Defra FCERM R&D Joint Programme. This includes working in partnership across government, industry and academic sectors to help manage the risk from flooding and coastal erosion through the application of robust evidence.

Name: Dr Lydia Burgess-Gamble

Organisation: Environment Agency

Role: Senior Project Manager – Promoting adaptation to changing coasts

Biography: Lydia started working in the water industry over 20 years ago when she undertook a PhD focussed on monitoring procedures for river restoration projects. She has now been working at the Environment Agency for 20 years in a wide range of flood risk management roles at an area, regional and national level. Lydia's main area of expertise is restoring natural processes in order to improve the environment for people and wildlife.

Lydia has led co-authored much UK guidance on Natural Flood management and carbon offsetting. Lydia is co-author of the fluvial chapters contained with USACE's international guideline on the use of Natural and Nature Based Features.

She is currently the Senior Project Manager for the PACCo project where she is responsible for overseeing the successful delivery of a 26m Euro EU funded INTERREG project which is helping two estuaries adapt to the impacts of climate change in England and France.

Name: Mike Williams

Organisation: Environment Agency

Role: PACCo and LORP Senior Business User

Biography: Mike Williams BSc CEnv MCIEEM has worked for the Environment Agency and its predecessor body, the National River Authority, since 1990. Based in Exeter and initially leading a team of ecologists providing advice and developing projects, he later moved into Flood and Coastal Risk Management, where he was better able to influence the direction of that side of the business. He was closely involved in the early stages of the Environment Agency's work on otter road deaths and post-mortem examinations. His evolving interest in rivers and wetlands and their restoration has gradually moved downstream and he has been working on estuarine habitat restoration for nearly 20 years, culminating in the inception and early development of the Lower Otter Restoration Project. Mike also developed a new design of self-regulating tidegate, which has been successfully used to enable regulated tidal exchange, safely creating wetland habitat behind existing flood defences.

Name: Nick Ely

Organisation: Environment Agency

Role: National Coastal Monitoring & Forecasting Manager

Biography: Nick is the Environment Agency's National Coastal Modelling & Forecasting Manager. His department provides the subject matter expertise to the Environment Agency and other risk management authorities to help understand and apply the knowledge from the risks of flooding, erosion and climate change at the coast. We ensure the best learning from our internal and external research partners is translated into guides and datasets so that these risks can be planned for and assessed when we model them for coastal defence schemes, land use planning; and also in real time to ensure our coastal detection and forecasting service is timely and accurate.

Name: Nick Hardiman
Organisation: Environment Agency
Role: FCRM Expert Advisor - Coast

Biography: I am Project Executive for the Shoreline Management Plan Refresh and National Coastal Erosion Risk Mapping 2 projects, and also help lead on our strategic oversight of the coastal investment programme and habitat creation. I have been a national technical lead on our coastal overview for flooding and erosion since 2009, having previously worked in the UK and abroad in nature reserve management and ecological research inland and at the coast.

Name: Professor Nigel Pontee (BSc, MSc, PhD, C.Eng, FICE, C.WEM, MCIWEM).
Organisation: Jacobs
Role: Global Practice Leader Coastal Planning & Engineering at Jacobs

Biography: Nigel has over 30 years of experience on a range of coastal projects covering coastal/estuarine geomorphology, habitat restoration, nature- based coastal resilience measures and blue carbon solutions. He has contributed to the creation of over 1700ha of new wetland habitat in the UK including finding, designing, constructing and monitoring sites. Nigel is currently working on several projects related to the carbon offsetting potential of marine habitats including the development of a carbon code for coastal saltmarshes, analysis of data gaps, and research relating to the carbon content or restored habitats.

Name: Patrick Bazin
Organisation: Conservatoire du littoral
Role: Director of Asset Management

Biography: Patrick BAZIN is a forestry engineer. He has worked in various public and private organizations related to the agriculture and nature protection industry. He has been working for the Conservatoire du littoral for 15 years. He is in charge of the asset management department at the head office, which is responsible for coordinating the management of the 800 coastal sites protected by the Conservatoire.

Name: Quirijn Lodder
Organisation: Rijkswaterstaat
Role: Principal Advisor

Biography: Quirijn Lodder is principal advisor coastal flood risk management at Rijkswaterstaat, the operational branch of the Dutch ministry of infrastructure and Water Management. As principal advisor Quirijn initiates and guides key research projects for Rijkswaterstaat focusing on present and future adaptation of the Dutch coast to climate change effects. Based on insights from research and practical experience he provides strategic advice to the senior leadership at the Ministry, other Dutch flood risk management organizations and abroad.

His work outside the Netherlands focusses on collaboration with the coastal management authorities around the North Sea and the US Army Corps of Engineers. Quirijn is co-author on the USACE international guideline on the use of Natural and Nature Based Features. Since 2012 Quirijn holds a guest lecturer position at the Delft University of Technology where he supervises M.Sc. students on coastal research and management. Further Quirijn is a member of the North Sea Coastal Management Group. An informal group of senior leadership from the coastal Management authorities around the North Sea focused on sharing and learning from each other's experiences with coastal management issues, such as climate change adaptation.

Name: Rachael Hill
Organisation: Environment Agency
Role: Coast and Development Planning Manager

Biography: Rachael leads a national team of technical specialists working on all aspects of FCRM coastal management and FCRM in the planning system including Shoreline Management Plans, coastal adaptation, coastal nature based solutions, sustainable development and drainage. She has worked in water management for 33 years. She works closely with EA operational staff, the Coastal Group Network, LGA, the wider coastal sector and other risk management authorities. Rachael spent the first 10 years of her career as a conservation officer providing ecological and flood resilience advice on numerous river restoration projects and riverside developments; as a result of which she was awarded a Queen Mother Birthday Honours Award and identified as one of London's top 'movers and shakers'. In the 2000s she was the Technical and Engagement Strategy Manager for the Thames Estuary 2100 project and worked with Government on updating policy and guidance on new development in flood risk areas. Rachael was awarded an MBE in 2018 for services to flood risk management and flood recovery.

Name: Régis Leymarie
Organisation: Conservatoire du littoral
Role: Deputy delegate for Normandy at Conservatoire du littoral

Biography: Régis has been working at the Conservatoire du littoral for 15 years. He is a geographer by training, specialized on the coastline and the graduated as an engineer later. He coordinated in France the Interreg LiCCo project (Littoraux et Changements Côtiers - Living with a Changing Coast) which took place from 2011 to 2014. This project allowed him to get to know the strategies carried out across the Channel (both by the Environment Agency and the National Trust) and to meet Mike WILLIAMS. He has been managing different projects of coastal adaptation to climate change in Normandy: in the Val de Saire, in the Orne estuary (Adapto) and in the lower Saône valley for 10 years.

Name: Richard Jackson
Organisation: East Riding of Yorkshire Council
Role: Coastal Change Manager

Biography: Richard joined East Riding of Yorkshire Council in 2010 and manages the Council's Coastal Change Management team within Sustainable Development. The team is responsible for the development of corporate coastal change and shoreline management policy as well as the delivery of coastal change adaptation projects and engagement with at-risk communities and businesses. Richard is project manager for the East Riding of Yorkshire Coastal Transition Accelerator Project.

Name: Rob Goodliffe
Organisation: North Norfolk District Council
Role: Coastal Transition Accelerator Programme Manager

Biography: Rob entered the coastal management field to deliver innovative adaptation projects, such as the relocation of business and community assets and purchase and relocation of at risk homes. He has since developed opportunities and funding packages for coastal protection and maintenance schemes and, more recently, has lead North Norfolk District Council/Coastal Partnership East role in the development and delivery of a UK first Sandscaping scheme to protect communities and major national gas infrastructure. He recently led a national project to investigate innovative funding and finance options for properties at risk of loss from coastal erosion and permanent tidal inundation alongside involvement in delivery of a number of local and national coastal management approaches. He now developing the delivery of the North Norfolk Coastal Transition Accelerator programme which seek to deliver practical action and national learning to assist communities transition from coastal change.

Name: Rob Goodliffe
Organisation: North Norfolk District Council
Role: Coastal Transition Accelerator Programme Manager

Rob holds a BSc honours degree from Wye College/Imperial College London, Institute of Leadership and Management Level 5 certificate and Leadership in Modern Local Government, alongside a breadth of experiences ranging from tourism, environmental management, project management, public open space management, planning policy and coastal management.

Name: Dr Roger Auster
Organisation: University of Exeter
Role: Postdoctoral Research Associate

Biography: Roger Auster is a Postdoctoral Research Associate at the University of Exeter. He is an environmental social scientist with interests in interdisciplinary research seeking to critically explore issues in human dimensions of wildlife reintroduction, ecological restoration, coastal adaptation, and landscape change. Roger was lead contributor of social science in the nationally significant River Otter Beaver Trial.

Name: Roger Proudfoot
Organisation: Environment Agency
Role: Estuary and Coast Planning Manager

Biography: Roger Proudfoot is the Environment Agency's Estuary and Coast Planning Manager for England and Chair of the UK Healthy Biologically Diverse Seas Evidence Group (HBDSEG). He has over 30 years' experience of marine environmental monitoring, assessment and management. He has overseen the reporting of the state of biodiversity, development of monitoring programmes and measures to improve environmental status of the estuarine and coastal environment in England and UK wide. For the marine environment. Roger continues to lead and shape the Environment Agency's approach to the management of England's nearshore seas and estuaries through the River Basin Management Plans an example being the partnership restoration initiative ReMeMaRe (Restoring Meadow Marsh and Reef).

Name: Sam Bridgewater
Organisation: Clinton Devon Estates
Role: Head of Wildlife & Conservation

Biography: Dr. Sam Bridgewater CEnv MCIEEM joined Clinton Devon Estates in 2012 and has responsibility for ensuring that the protection of wildlife and natural habitats are embedded into all aspects of Estate decision-making. His remit includes oversight of the management of the Estate's core nature reserves – the 1,000 hectare East Devon Pebblebed Heaths and the Otter Estuary – and he advises on the development of the Estate's environmental strategy, including natural capital accounting. Formerly a researcher at the Natural History Museum and the Royal Botanic Garden Edinburgh, Sam's interests include describing and explaining patterns of plant diversity, the management of cultural landscapes, landscape restoration and the economic use of plants. He has published over 20 academic research papers, two books and numerous book chapters. He is the Estate lead on the River Otter Beaver Trial and the Lower Otter Restoration Project.

Name: Simon Moody
Organisation: Environment Agency
Role: Area Director – Solent and South Downs

Biography: Simon has over 30 years' experience in environmental sector leading issues from major infrastructure delivery and emergency response to the long term security and sustainability of future water supplies
He became Area Director for Solent and South Downs in March 2021, leading all aspects of the Environment Agency's work across Hampshire, Sussex and the Isle of Wight
Prior to that he has worked as Area Director in London and Kent and the Environment Agency's Head of Water Resources.

Name: Stewart Barr
Organisation: University of Exeter
Role: Professor of Geography

Biography: Stewart Barr is Professor of Geography at the University of Exeter. His research interests focus on sustainable development, behavioural change and environmental policy. He has undertaken a wide range of research projects exploring the ways in which publics engage with environmental change, and the challenges and opportunities for promoting behavioural shifts in the context of climate change mitigation. He has expertise in the field of knowledge co-production and the ways in which communities can co-produce knowledges about the changing climate and their responses. He has also recently completed an Economic and Social Research Council project entitled Education at a Time of Emergency, focusing on the role behavioural change theories can play in environmental education to tackle climate change.

Name: Dr Suzi Armstrong
Organisation: ABPmer
Role: Principal consultant

Biography: Susanne Armstrong PhD is a Principal Consultant at ABPmer specialising in coastal and marine habitat restoration, especially managed realignment and beneficial use. For her PHD she reviewed the lessons learned from managed realignments across Northern Europe. Since then, and over her last 15 years with ABPmer, she has overseen a large number of varied restoration projects and contributed to several publications on this subject. Her broad expertise encompasses identifying sites, designing projects and monitoring their performance. She also has detailed experience of using natural capital accounting techniques and evidence to evaluate the benefits these projects can provide.

Name: Thomas Dhoop
Organisation: Channel Coast Observatory (CCO)
Role: CCO Manager

Biography: Dr Thomas Dhoop is the programme manager of the Southeast Regional Coastal Monitoring Programme (SE RCMP) at the Channel Coastal Observatory (CCO). As such, he ensures the effective management of the SE RCMP, including the planning and coordination of resources to deliver the programme. As a coastal scientist, Thomas is specialised in metocean data collection and analysis and has published on several aspects of extreme wave events with a focus on improving coastal monitoring and management practice.

8 ATTENDEES REGISTER

Name	Surname	Organisation
Adrien	Privat	Conservatoire du littoral
Agnès	Vince	Conservatoire du littoral
Alan	Frampton	BCP Council
Alex	Hay	Environment Agency
Amanda	Fleck	Havant Borough Council
Amar	Sohanpal	Environment Agency
Amélie	Boutillier	Communauté de Communes Terroir de Caux
Amy	Levicki	Environment Agency
Anastazia	Fikardos	Marine Management Organisation
Andrew	Shore	Environment Agency
Andrew	Crates	Environment Agency
Andrew	Pattinson	Environment Agency
Andy	Townsend	Environment Agency
Andy	Eden	Environment Agency
Angela	Marlow	Natural England
Anne-Sophie	Diologent	Communauté de Communes Terroir de Caux
Annie	Ockelford	Environment Agency
Becky	Price	Environment Agency
Becky	Stanley	Environment Agency
Ben	Johnstone	Environment Agency
Ben	Fouque	Environment Agency
ben	meredith	Environment Agency
Ben	Murray	Wessex RFCC Coastal Member
Benoit	Regnault	Commune de Quiberville
Bridget	Beer	Bridget Beer PR
Bryan	Curtis	Coastal Group Network
Bryony	Clifford	Environment Agency
Camille	Simon	Conservatoire du littoral
Carl William	Green	Wyre
Carl William	Green	North West & North Wales Coastal Group
Caroline	Douglass	Environment Agency
Carolyn	Petersen	East Devon Pebblebed Heaths Conservation Trust
Catherine	Bacon	Environment Agency
Catherine	Hemeryck	Commune de Quiberville
Catherine	Miller	Defra
Catherine	Harries	Environment Agency
Charlène	Fossé	Conservatoire du littoral
Charlie	Thompson	Channel Coastal Observatory
Charlotte	Danvers	Environment Agency
Chris	Willson	Torrige District Council
Clare	Nolan-Barnes	Blackpool Council
Colin	Youngs	Environment Agency

Name	Surname	Organisation
Colin	Scott	ABP Mer
Dan	Evans	Environment Agency
Daniel	Boswell	Environment Agency
Daniel	Normandale	Environment Agency
Daniel	Edge	Environment Agency
Dave	Picksley	Environment Agency
David	Martin	Environment Agency
David	Huddleston	Environment Agency
Deborah	Campbell	Environment Agency
Delphine	Jacono	Agence de l'eau Seine Normandie
Diamond	McGill	Environment Agency
Ed	McIntyre	Environment Agency
Eleanor	Blundell	Environment Agency
Emerald	Siggery	South West Coastal Monitoring
Fiona	Crayston	Environment Agency
Francesca	Dee	Environment Agency
Francesca	Evans	Environment Agency
Frédéric	Bargain	Direction Départementale des Territoires et de la Mer de Seine-Maritime
Gary	Hilton	Environment Agency
Gemma	Rodgers	
George	Arnison	Environment Agency
Georgia	Thompson	Environment Agency
Gill	Colclough	?
Gillian	Ivey	Environment Agency
Gillian	Allan	Kier
Giulia	Cecconi	Arup UK
Gwenal	Hervouët	Conservatoire du littoral
Hannah	Mossman	Manchester Metropolitan University
Harriet	Googe	Environment Agency
Heidi	Burgess	Brighton University
Helen	Jay	National Trust
Helene	Jewell	Wilson Sherriff Ltd
Hélène	Syndique	Conservatoire du littoral
Hilary	Crane	Coastal Partners
Hiroshi	Yamashita	Ritsumeikan Asia Pacific University, Japan/ Cambridge Conservation Initiative, UK
Ivan	Haigh	University of Southampton
Jake	Bailey	Environment Agency
James	Mealing	Environment Agency
James	Samuel	Defra
James	Trafford	Environment Agency
Jasmine	van der Eijk	Defra
Jean-Francois	Bloc	Commune de Quiberville
Jemma	Percival	Cumbria County Council

Name	Surname	Organisation
Jemma	Colwell	Environment Agency
Jeremy	Pickles	East Riding of Yorkshire Council
Jeremy	Pile	Environment Agency
Jerome	Curoy	Brighton University
Jim	Hutchison	Trent RFCC Coastal Rep
Jo	Matthews	Southend-on-Sea City Council - SOUTHEND-ON-SEA
Joe	Allan	Environment Agency
John	Varley	Clinton Devon Estates
John	Cocker	South West Coastal Group
John	Buttivant	Environment Agency
John	Kelly	Environment Agency
John	Lindsay	Environment Agency
Jonathan	Griffiths	Environment Agency
Jonathan	Kellagher	Environment Agency
Joshua	Walpole	East Suffolk Council
Josie	Kirby	Plymouth university
Juliette	Henri	Region Normandie
Jurre	DeVries	RWS
Justin	Ridgewell	Environment Agency
Karen	Thomas	Coastal partnership east
Karl	McLaughlin	Arun District Council
Karris	McGonigle	Cambridge University
Kate	Morgan	Environment Agency
Katie	Eckford	Sefton Council
Kellie	Fisher	Environment Agency
Ken	Moss	Environment Agency
Kevin	House	Environment Agency
Kris	Inch	Environment Agency
Laura	Cotton	Natural Resources Wales
Laura	Carmichael	Environment Agency
Lee	Swift	Environment Agency
Lia	Bennett	BCP Council
Lily	Booth	Environment Agency
Lisa	Mills	East Suffolk Council
Liz	Inwards	Environment Agency
Lu	Webb	Natural England
Lucy	Cross	Environment Agency
Lucy	Taylor	Environment Agency
Lyall	Cairns	Coastal Partners
Lydia	Burgess-Gamble	Environment Agency
Lyn	Jenkins	Environment Agency
Mairi	MacArthur-Sharkova	Environment Agency
Marcos	Machado Filho	Environment Agency
Marion	Nuding	Atlantic

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Mark	Adams	Environment Agency
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Martin	davies	Environment Agency
Matt	Pepper	Environment Agency
Matt	Phillips	Kier
Matt	Hosey	BCP Council
Matt Wadey		
Matthew	Penny	Dorset Council
Matthew	Gauntlett	Environment Agency
Matthew	Wadey	Bournemouth, Christchurch and Poole (BCP) Council
Megan	Rimmer	Environment Agency
Megan	Rundell-Evans	Environment Agency
Michael	Robinson	Cumbria County Council
Natasha	Bradshaw	Ocean and Coastal Futures Ltd.
Neil	watson	Environment Agency
Neil	Hoskins	Southend-on-Sea City Council
Nick	Ely	Environment Agency
Nick	Hardiman	Environment Agency
Nick	Ely	Environment Agency
Nigel	Pontee	Jacobs
Noemie	Castan	Region Normandie
nova	goundrill	Environment Agency
Oli	Burns	Environment Agency
Olivier	Bureaux	Communauté de Communes Terroir de Caux
Ollie	Bromley	Brighton University
Orlando	Venn	Natural England
Orlando	Venn	Natural England
Patrick	Bazin	Conservatoire du littoral
Paul	Dutchburn	Environment Agency
Paul	Payne	Environment Agency
Paul	Minshull	Cornwall Council
Penny	Cox	Environment Agency
Peter	Allen	Scarborough Borough Council
Philip	Rees	South West RFCC
Pippa	Lawler	Environment Agency
Quirijn	Lodder	RWS
Rachael	Hill	Environment Agency
Rebecca	Lofts	LGA Coastal SIG
Rebecca	Stanley	Environment Agency
Reece	Cammock	Environment Agency
Régis	Leymarie	Conservatoire du littoral
Rhian	Edwards	Environment Agency
Richard	Park	NRW
Richard	Merrienne	Communauté de Communes Terroir de Caux
Richard	Jackson	East Riding of Yorkshire Council

Name	Surname	Organisation
Richard	Westcott	Environment Agency
Richard	Fuller	Environment Agency
RICHARD	PARK	Natural Resources Wales/cyfoethnaturiolcymru
Rob	Goodliffe	North Norfolk District Council
Roger	Auster	University of Exeter
ROGER	PROUDFOOT	Environment Agency
Rory	Pryor	Natural England
Ruth	Adams	South West Coastal Monitoring
Sam	Leonard	Environment Agency
Sam	Bridgewater	Clinton Devon Estates
Sandrine	Thomas	Environment Agency
Sania	KC	Environment Agency
Sarah	Martin	Environment Agency
Sarah	Lupton	Environment Agency
Sarah	Chatfield	Chichester Harbour Conservancy
Sean	Kent	Environment Agency
Sidonie	Kenward	Marine Management Organisation
Simon	Wilson	Wilson Sherriff Ltd
Simon	Bunn	North Somerset Council
Simon	Moody	Environment Agency
Sinead	Moore	ATLANTIC TRANSLATION LTD
Sophie	Day	University of East Anglia
Spencer	Dawson	Coastal Partners
Steve	Colclough	Institute of Fisheries Management
Stewart	Barr	University of Exeter
Susannah	Bleakley	Our Future Coast
Susi	Armstrong	ABPMer
Suzana	Ilic	NW RFCC and Lancaster University
Thomas	Drouet	Conservatoire du littoral
Thomas	Dhoop	Channel Coastal Observatory
Thomas	Walker	Coastal Partnership East/North Norfolk District Council
Tim	McGrath	Wildfowl & Wetlands Trust
Tim	Poate	University of Plymouth
Toby	Easley	Environment Agency
Tom	Fletcher	Environment Agency
Uwe	Dornbusch	Environment Agency
Woody (Edward)	Wilcock	Environment Agency
Yolande	Larkin	Havant Borough Council