

MARE conference **LIMITS TO BLUE GROWTH?**



People and the Sea **XI**
28 June – 2 July 2021
virtual conference

Programme Book



CENTRE FOR SEA AND SOCIETY



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CENTRE FOR BLUE GOVERNANCE



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Word of Welcome

Dear participant,

On behalf of the Centre for Maritime Research (MARE) and the organizing committee, I am pleased to welcome you to the **11th biennial People and the Sea Conference**. This is the first conference in our history to be virtual. Instead of meeting each other physically in Amsterdam, as we have done over the past 22 years, we will now ‘see’ each other online.

There is a lot we will miss out on: no ‘live’ musical performance in the auditorium of the University of Amsterdam at the start of the conference; no boat ride through the canals of Amsterdam; and no conference dinner in the Dominicus church! On the positive side, it looks like we will have the biggest MARE conference ever: more than 600 participants, of whom almost half are attendees; coming from **75 different countries**, with each continent represented and including many small island states! This demonstrates that however sad we feel about not meeting in person, a virtual conference with lower fees has apparently improved the accessibility of these events.

The theme of the conference is ‘Limits to Blue Growth?’. MARE has many adherents specialized in small-scale fisheries and fisheries governance. Yet the use of our world’s seas and oceans is changing; many more uses and users have been coming into the picture, such as renewable energy (wind at sea), deep sea mining and blue biotechnology. These developments are accompanied by the narrative of ‘a new frontier’; with opportunities marked by terms such as blue growth.

In formulating the theme “Limits to Blue Growth?”, MARE raises a fundamental social science question, namely “Blue for who?”. Who are the people involved in the blue economy? Who are winning and who are losing through new developments? Who are making the decisions? Whose knowledge counts? And related to this is a set of questions like: for what, when, where and why?



And what is the relationship with, and impact upon sustainable development? With this conference, MARE aims to make a solid social science contribution to the United Nations Decade of Ocean Science for Sustainable Development.

The conference theme “Limits to Blue Growth?” is divided into six streams: 1. Making Blue Livelihoods; 2. Knowing the Blue; 3. Governing, Steering and Managing the Blue Realm; 4. Emerging Sectors in the Blue Space; 5. Resisting Blue Appropriations; and 6. Blue Crisis.

The last stream mentioned pays attention to the crisis that has kept the world occupied over the last year: COVID19, which has had a huge impact on many people living by and with the sea.

The conference is preceded by a policy day discussing coastal and maritime cultural heritage with decision makers, practitioners, and managers. It draws upon the work done in various research projects, including the EU funded PERICLES and FisherCoast, among other initiatives in and beyond Europe.

But this conference offers much, much more. Organized into ten parallel ‘stages’ over four days, in time slots that accommodate most time zones, participants can choose from a rich palette of panel sessions and papers on a variety of marine topics. All sessions will be recorded, so that these can be viewed afterwards in case you have missed them. Three keynote speakers from different parts of the world - Australia, France and Canada - will provide food for thought.

We will close the conference on Friday with Dr. Shakuntala Harksingh Thilsted, the 2021 recipient of the World Food Prize! We are really happy to have her in our midst this week and congratulate her with this most prestigious award for work in the area of food and nutrition security. She and many others, as we will see in the program of this conference, have put fish on the menu!

As MARE is such a social conference, and we feel bad about missing out so much in ‘meeting’ each other - we have set up a virtual space, Wonder-me, where we can meet to chat. Please do check it out, alongside the sessions, as it is so nice to have some small talk with old friends as well as meet new people.

I wish you all a very inspiring conference!

Marloes Kraan
Chair of the Conference Committee

General information about MARE

Centre for Maritime Research

The Centre for Maritime Research (MARE) is an interdisciplinary social science network organization devoted to expanding knowledge about the human dimensions of coastal and marine life, including their governance. Its objective is to provide a stimulating intellectual climate for academics and policymakers in Europe as well as in the South. Although MARE limits its action radius to the social sciences, it seeks active collaboration with other disciplines. It strives to maintain a balanced mix of academic and policy-oriented research. MARE takes a global perspective, emphasizing the coastal zones of Europe, Asia, and Africa. It covers a broad spectrum of topics, drawing on expertise from fields such as law, history, economics, political science, public administration, anthropology, and geography.

MARE was established by the University of Amsterdam and SISWO in 2000. It now has six institutional partners, based in five European countries:

- Wageningen University (Social Sciences Department)
- UiT Arctic University of Norway (Norwegian College of Fishery Science)
- University of Aalborg (Department of Planning, IFM-Centre for Blue Governance)

- Leibniz-Zentrum für Marine Tropenforschung (ZMT)
- University of Gothenburg-Centre for Sea & Society (CSS)
- University of Amsterdam (Governance and Inclusive Development programme group)

MARE engages in four platform activities:

- The organization of biennial People and the Sea Conferences, in Amsterdam and/or online (this year!), of which this is the eleventh conference in the series;
- Conferences are always preceded by a policy day, this time on Coastal and Maritime Cultural Heritage
- The publication, in association with Springer, of the journal Maritime Studies (MAST); and
- The publication, in association with Springer, of the MARE Publication Series.

In addition to the above, MARE undertakes research and educational activities on an incidental basis.

For more information, see:

www.marecentre.nl

<https://www.facebook.com/CentreForMaritimeResearchMARE>

www.twitter.com/MAREcentre

MARE Publication Series

The MARE Publication Series – which is a peer-reviewed, academic product – commenced in 2004 under the auspices of Amsterdam University Press. It realized six volumes on coastal and marine topics with the publisher. In 2012 the series shifted to Springer and has since had eighteen new volumes leave the press. The editors (Svein Jentoft and Maarten Bavinck) strive to compose a series that addresses topics of contemporary relevance in the wide field of people and the sea. The objective is to reflect critically on a variety of social science topics, and to explore new avenues of thought. The editors would be pleased to receive new proposals for monographs and edited volumes. More information on the series can be found at: www.springer.com/series/10413, or obtained directly from the editors.

Maritime Studies

Maritime Studies (MAST) is an interdisciplinary, international journal devoted to coastal and maritime issues. MAST functions as a platform for social scientists who are engaged in research on maritime and coastal matters, from an academic or applied point of view. The People and the Sea Conference is central to the MARE network and the community of researchers contributing to Maritime Studies. We are looking much forward to receive your support by submitting a manuscript, joining our list of reviewers, or by promoting the journal in your professional network.

So why publish with Maritime Studies?

- High quality, thorough review process
- Personal approach and strong Editorial Board directly assisting in reviewing manuscripts
- All articles included in main bibliographic databases so that your work can be found easily and cited by researchers and practitioners in our field
- No author fee, open access publishing options
- Published articles circulated to the MARE network for enhanced visibility

Please note that back issues of the journal (volumes 1 to 10) will remain freely available on the Centre for Maritime Research website www.marecentre.nl/journal-mast/back-issues/

We look forward to your support. For updates on publications, news and events follow the journal on Facebook and Twitter.

Kind regards, Svein Jentoft Editor-in-Chief

<https://www.springer.com/journal/40152>

www.facebook.com/MaritimeStudies

www.twitter.com/MaritimeStudies



Online platform of the conference

We will use the online platform called ExOrdo. You can access the platform via this link:

<https://event.mare2021.exordo.com/>

In the top left you see the following buttons:

- **At a glance:** this brings you to the program overview.
- **Today:** this brings you to today in the program overview.
- **Live:** this brings you to all sessions playing at the time you click.
- **On demand:** this can be used once the session recordings are posted (from the 28 June onwards till end of August 2021)

During the live conference June 28 - July 2, the conference platform, ExOrdo, has live support available by chat. These are the folks to contact if you have technical issues getting into sessions or with Webex. Please see [this page](#) for details of how to reach their live chat. If you have questions about content or non-technical queries, please reach out to the conference organizers (conference@marecentre.nl); however, please note that we might not be able to respond immediately.

We have also created a document with a lot of technical tips and advice. You can find that [here](#).

Wonder.me wonder

We will be using wonder.me as a social meet up platform. You access it via this [link](#). It is place where you can go meet people:

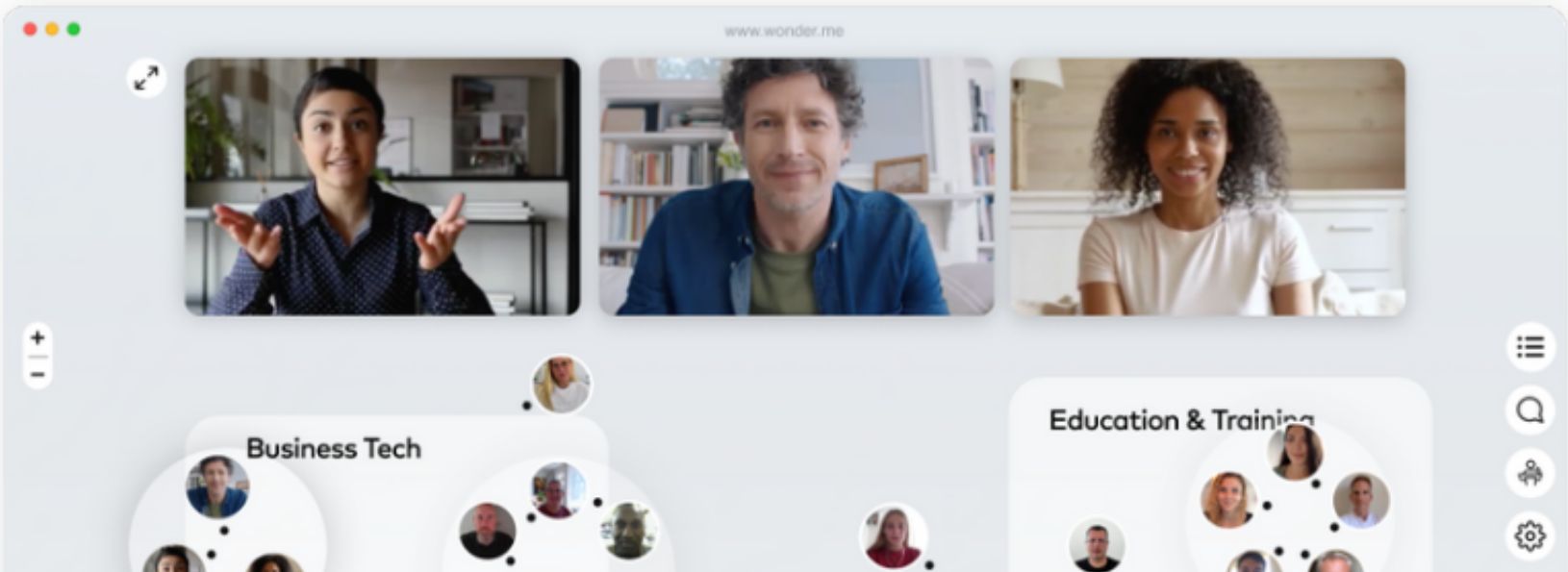
- to continue discussing the previous session, meet presenters in the stage rooms (stage 1-10)
- or you can make appointments with old friends in one of the rooms called: herring, sardine, plaice and whale
- or you can simply wander around to meet new people (you can check who is there by clicking on the participants button)
- you can go to the ‘meet the organisers’ room to pose questions about all sorts of things, we’d be happy to help when we are there!

While it is a really intuitive program, you can also view this [video](#) of 2,5 minutes; it explains how to find people and all the ways to get in touch with each other. We are really enthusiastic about this possibility and hope it will be a useful addition to our conference!

Online gatherings that are social

Wonder is a virtual space where people can meet and talk.

- [> Get a room](#)
- [> Sign up for a demo](#)



General information about the conference

Conference Committee

Chair committee:

Marloes Kraan

Wageningen Economic Research & Environmental Policy Group, Wageningen University & Research, the Netherlands

Conference Committee:

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Jakob Hartmann

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Ingmar Rondeel
Alexandra Kler Lago
Ilse Niessen
Natalia Lazaro
Joshua Nyarko Boampong
Daniel Jensen
Jamilla Grauwelman
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Citra Fitrie Riary
Leire Lopetegui
Else Giesbers
Alasdair Graham
Christoforos-Dimitrios Zafeiris
Daniella Vento
Chiara dal Molin
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Teresa Fonseca
Raquel Pocas Pereira
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Poster, program book design : Floortje van Osch, [dash dot comet](#)

Excursions coordinator : Achim Schlüter

Best student paper award coordinator : Maarten Bavinck

Sponsors



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MARE/ Douglas Clyde Kongshøj Wilson Best Student Paper Award 2021

This year we are again offering the MARE / Doug Wilson Best Student Paper prize. The winner will be announced at the end of the week, and will receive an award, free registration to the MARE People and the Sea XII Conference in 2023, special support to publish their paper in the journal Maritime Studies (MAST). The selected winner will have demonstrated an original insight or approach to the field of maritime studies, involving methodological rigour, and with timely relevance. The award is being given in honour of Douglas Clyde Kongshøj Wilson. Doug was a prominent fisheries sociologist, affiliated with the University of Aalborg and an important member of the MARE team. Doug sadly passed away prematurely in 2013.



Excursions

Virtual excursions

Planning the conference, we have been sad that nobody of us will go on a boat during this conference to glide through the channels of Amsterdam. We will have to keep this for next time. So we asked ourselves what could be an alternative to this which particularly builds on the advantages of virtual technology and also helps the MARE goal to better understand, how people live with the sea. Our answer was: virtual excursions. Without having to leave your living or bed room and just a couple of clicks away you can go and speak with a fish farmer from Bulacan in the Philippines, a women representative from Saint Louis in Senegal, or NGO representatives from Gili Island in Indonesia, who aim to keep the island clean. We are not suggesting that the experience of these virtual excursions would be the same as visiting all those places and discuss jointly in a 3D world. However, it is much easier and it allows for communication. There is one journey scheduled every day and we promise there is no long and hot bus ride to the field site. For a teaser you find an introductory video on the conference site ([ExOrdo](#)), which will be also shown at the beginning of the session. Thanks to all of those mentioned below, who are making the excursions feasible!



Small-scale fishers on the front line of climate breakdown

Organised by: Matthew Judge (Blue Ventures)

Invited guests: Garth Cripps - (award-winning photojournalist and director of Kokoly); Paul Antion - (Blue Venture's site lead in Madagascar and director of Kokoly); Gilde Tahindraza - Southwest Regional Manager Blue Ventures; Hery Lova Razafimamonjiraibe - National Technical Advisor for Livelihoods Blue Ventures; Lovasoa Cédrique Augustave - Fisheries Programme Coordinator - SW Madagascar

Tuesday 29th of June, 14.00

Kokoly is a multi award-winning short documentary film, produced by Blue Ventures, and supported by the Skoll Foundation and the Sundance Institute. It gives a snapshot into the life of Madame Kokoly, a Vezo fisher from southwest Madagascar, as she carries out her daily tasks in and around the coastal waters near her home village. Through Madame Kokoly's words, and those of other women in her community, we gain an insight into the heavy toll that overfishing and habitat destruction have taken on the Vezo people and experience the reality of their daily struggle for survival. Kokoly shines a spotlight on the issues affecting small-scale fisheries across the tropics and demonstrates the urgent need for community-led conservation. Most importantly, we want this film to amplify the voices of marginalized individuals living on the front line of climate and ecological breakdown.

The film's themes touch powerfully on the 'blue crisis' faced by many in the tropics. Madame Kokoly, the focus of the film, lives a precarious and fragile life, and is extremely vulnerable to shocks such as climate change and COVID-19. As Blue Ventures exists to identify and support communities to instigate conservation initiatives that work for both people and nature, we're supporting people like Madame Kokoly to strengthen their resilience.



The daily struggle of women leaders in fisheries for the preservation of their maritime culture: the case of Awa Seye in Senegal

Organised by: Aliou Sall Mundus Maris

Invited guests: Awa Seye, President of women's bureau member of the national collective of fishers of Senegal

Language: Wolof, translation to English

Wednesday 30th of June, 14.00

SSF is known for its great socio-economic importance, especially in food security, job creation and its contribution through its own mechanisms to the perpetuation of a specific maritime culture. But despite this role, which has been the subject of several publications, it is not yet taken into account in policies as it should be. In addition to this deficit, shocks and risks under the combined effect of market globalisation and climate change have increased the vulnerability of fishing communities, which has been ongoing for some years now following the resource crisis. It is in such a context that the communities have always been led to take local initiatives, through various solidarity chains, to not only provide urgent solutions to social problems, but also to make their voices heard whenever there is a need for advocacy. These communities have women leaders who are no less dynamic than men (if not more so) but who have always been in the shadows and unknown to regional and international forums. The purpose of this session is to share the story of Mrs Awa Seye, president of the women's unit of the National Fishermen's Collective of Senegal, who has been involved in her community of Guet Ndar all her life, playing the role of a woman orchestra, intervening as a matron, transformer and spokeswoman for her community to ensure that the interests of small-scale fishing are better taken into account in public policies.



Life in the coast: fisheries and aquaculture in Bulacan, Philippines

Organised by: Aisa O. Manlosa (Leibniz Centre for Tropical Marine Research/ Leibniz Zentrum für Marine Tropenforschung - ZMT)

Invited guests: Randy Santiago (Fish farmer/nursery operator, Bulacan, Philippines) and Ralph Atabay (Bureau of Fisheries and Aquatic Resources, Central Luzon, Philippines)

Language: Tagalog, translation to English

Thursday 1st of July, 9.00

Virtual excursions provide opportunities for learning about new places and people's experiences in a digital format. It is intended to help diversify experiences people can have in online events which has now become more common. For the MARE Conference 2021, we prepared a virtual excursion entitled Life in the coast: fisheries and aquaculture in Bulacan, Philippines. This excursion combines a video presentation and an open discussion session. The video presentation first introduces the place and focuses on the importance of both capture fisheries and aquaculture in providing livelihoods, income, food, and a way of life for the local residents. It traces some of the environmental and social changes that have occurred in the past decades, including how aquaculture started, spread, and intensified due to a set of environmental and social factors. It then presents key sustainability challenges and social arrangements in the form of formal rules, markets, and civil society initiatives that are important as starting points for addressing the challenges. This is followed by an open discussion with representatives from Bulacan, Philippines and from ZMT who will take questions from the participants. In the discussion part, we will reflect together on areas needing urgent action to shift towards a more sustainable future trajectory.



A visit to the Whalers' House on the island of Texel

*Organised by: Loes Witteveen, Pauline van Tuyll, Marloes Kraan, Hilde Toonen
(Wageningen University, the Netherlands)*

Friday 2nd of July, 9.00

In our excursion for the MARE Conference 2021, we would like to take you to the island of Texel. As part of the European PERICLES project 'Cultural heritage of European coastal and maritime regions' one line of research focused on the contribution of visual research methods. We searched for a theoretically grounded, multi-actor participatory framework to provide evidence for the relevance of participatory and visual ethnographic approaches in governance and policy formation. In this context an ethnographic documentary about the Whalers' House on Texel has been produced. It tells the story of how the Whalers' House became a valuable contribution to the maritime cultural heritage on the waddensea island. It portrays the owner of the house, Annetje Capitain-Bendien and Ineke Vonk, historian and wife of a fisher whom together reconstruct the history of the house. The documentary aims to bring people on stage who are not always recognized for their contribution to cultural heritage conservation and management. To enhance a transdisciplinary view on visual research and thereby focus on the 'craftmanship' of visual research methods the ENP team includes researchers who act on their capacity as filmmakers. With this strategy we aim to explore visual research options also from a filmmaking perspective to disclose overlooked issues such as inclusive portrayal and participatory production aspects.

In the excursion session, the context of the visual research methods ambition in the Pericles project will be shortly introduced, followed by an explanation of the contributive role of visual research methods to cultural heritage conservation and management. After this there will be enough time for a Q&A session, that can address many aspects of the documentary, methods and cultural heritage.

Please watch the [video](#) prior to the excursion. The duration is 22 minutes.



Sustainable tourism? -Coral reef restoration, waste management and eco-tourism initiatives on Gili Trawangan, Indonesia

Organised by: Stefan Partelow (Leibniz Centre for Tropical Marine Research (ZMT))

Invited guests: Sian Williams and Delphine Robbe (Gili Eco Trust – <https://giliecotrust.com/>)

Friday 2nd of July, 14.00

Gili Trawangan is small tourism island of the northwest coast of Lombok, Indonesia. The island attracts tourists from around the world to SCUBA dive local coral reefs, enjoy beaches, local culture and nightlife. However, the island faces many challenge for sustainable development including waste management, coral restoration, animal welfare and shifting the tourism economy to be more eco-friendly. As the island is isolated from the mainland with fewer resources, much of the governance and action oriented activities are run by self-organized initiatives from engaged businesses and residents. The NGO Gili Eco Trust, established in 2002 to protect coral reefs from destructive fishing practices, is now the primary community organization engaged in a wider variety of the island's sustainability issues above including Biorock artificial reef restoration, waste management outreach, Eco Tourism tours and informational campaigns, animal welfare initiatives and more.

General Information about the Programme

Conference theme: Limits to Blue Growth?

The 1972 report Limits of Growth marked the beginning of critical debates about ever increasing economic expansion and its effects related to resource depletion. The largely academic discussions contributed to the birth of sustainable development that now for decades serves as guiding concept for policy makers, including those concerned in coastal and ocean governance. At the same time, the 'blue economy' and 'blue growth' have nowadays become popular concepts in marine policy. Notions on blue growth especially ask attention for new uses of the oceans, such as renewable energy (wind at sea), deep sea mining and deep-sea fishing but also aim at highlighting ecosystem services that have societal value (coastal protection, CO2 storage and biodiversity). The concept aims to reconcile two seemingly opposing uses of the oceans: exploitation and conservation, in the same way as was intended with the use of 'sustainable development'. The concept also seems to promise that there still is a new, not yet reached frontier for economic expansion. With the theme "Limits to Blue Growth?", MARE would like to contribute to the United Nations Decade of Ocean Science for Sustainable Development. Key to this contribution is the fundamental social sciences question "Blue for who?", so who are the people of the blue economy? Who are winning and who are losing from the new developments? Who are making the decisions? Whose knowledge counts? And related to this, is a set of questions like for what, when, where and why? And with what relation to, and impact on sustainable development?

The conference theme "Limits to Blue Growth" is divided into the 6 streams described below. It is however open to those with other thematic interests relating to people and the sea.



Conference streams

Stream 1: Making Blue Livelihoods

The economic importance of oceans and the maritime industry is evidently on the rise. As the seas and coasts increasingly are being both reframed and re-regulated as a new economic frontier, it simultaneously provokes urgent challenges in terms of how to avoid irreversible ecological impacts. While the 'blue economy' agenda and discourse expresses the need for balancing competing interests in marine resources and spaces, it's rather elusive character raises concerns in terms of what a blue economy and blue growth means for the diversity of people and communities that depend on oceans and coasts for their livelihoods in the global north and south. This stream welcomes contributions that in different ways engage with the question of how to make livelihoods blue. What new livelihood opportunities and strategies are made available in the emerging blue economy? What room is made available for existing ways of life? What are the elements and factors that promote and enable 'blue livelihoods'? What is needed in order for 'blue growth' to act as a catalyst for a more just and equitable distribution of marine resources?

Stream2: Knowing the Blue

This stream focuses on the role of knowledge in Ocean policy and politics. The stream explores how different uses, interests, scientists and industries contribute to formation of a variety of marine epistemologies. The knowledge formations, from knowledge produced through everyday practices to scientific and authorised expert knowledge, will have impact on values, principles, procedures in ocean policy and politics. Important questions are how the different discursive formations of ocean knowledge frame the human-ocean relationship in different ways and inform decisions about how to meet future challenges. This stream welcomes papers that address how knowledge production, authorisation, negotiation, inclusion and exclusion lead to different understandings of human-ocean relationships and how these understandings have impact on ocean policy and politics.

Stream 3: Governing, Steering and Managing the Blue Realm

This stream focuses on the governing, steering and managing of the Blue Realm. The blue realm has to deal with opposing uses of oceans, the economic development of maritime sectors, such as shipping, fisheries, offshore oil and gas production, offshore renewable energy, cruise tourism, coastal tourism and deep seabed mining, realizing ecosystem services that have societal value (coastal protection, CO2 storage and biodiversity), and the (ecological) sustainable development of seas and oceans. This continuous tension between exploitation and conservation asks for specific governance arrangements, institutions and management constructions to govern and manage the “Limits to Blue Growth” of the blue realm. This stream welcomes papers, panels, discussion groups, etc. about governing the blue realm, the unequal distribution of power in the blue realm, processes of capacity building, and issues of legitimacy and equity in maritime planning and policies.

Stream 4: Emerging Sectors in the Blue Space

Many new sectors are competing over and conquering the blue space for growth. These include aquaculture, wind farms, deep sea mining, desalinisation, tourism, or exotic activities like whale cage diving. These new activities can be beneficial for instance through creating new livelihoods and can be detrimental, for example, by outcompeting other sectors for space, and creating negative social, ecological or economic consequences (e.g., marginalising certain actors in society). These emerging sectors have different characteristics distinct from fisheries which is traditionally the MARE focus. Characteristics and impacts of these sectors could relate to the social (e.g., gender relationships), economic (e.g., investment requirements) or ecological (e.g., reproduction rates) dimensions which may help us to better understand the social interactions involved and emerging potential challenges. This stream welcomes contributions relating to these emerging sectors and their particular analysis.

Stream 5: Resisting Blue Appropriations

In the emerging blue growth era, coasts and oceans are subject to ever-rising conflicts over the distribution of space and resources. What is the nature of the ensuing contestations? How are the games played, who are the winners and losers? Ocean and coastal grabbing related to old and new forms of resource extraction and spatial appropriations, as well as man-made disasters, reveal disparities between those causing harm and those vulnerable to the consequences. In addition, and sometimes connected to the above, oceans are a welcome host for illicit activities: smuggling and trafficking of goods and people, brazen acts of piracy, and illegal resource extractions. Securitization is a common response, creating new vulnerabilities and governmentalities alike. This stream invites papers that reflect on these processes of blue appropriation as well as people’s struggles to respond to them in defence of their coasts and livelihoods.

Stream 6: Blue Crisis

Regardless of Blue Growth plans it is also becoming increasingly clear that coastal and marine areas are vulnerable to external shocks and crises. Coastal and marine communities are faced with the extreme weather events and sea level rise as a result of looming climate change, rapid biodiversity loss, increasing tourism and migration flows, and recently shocked by a global pandemic. This stream welcomes contributions that illustrate and address the extent to which the Blue economy is at risk, in crisis, or resilient to those shocks. How are people of the sea experiencing and dealing with these shocks? How vulnerable or resilient are communities and sectors to different types of shocks? Do these shocks and crises represent a temporary discontinuity to Blue Growth objectives, or are they part of a new Blue normal? Are shocks, like the market downturn due to COVID-19, hindering or enabling sustainable transformations? What are the implications of crises for governing peoples of the use of the sea? This stream will reflect on how we understand, analyse and frame coastal and marine world's in crisis.

Content of the Programme

Opening address

Dhr. Felix Leinemann

Head of Unit Blue Economy Sectors, Aquaculture and Maritime Spatial Planning, European Commission, DG Maritime Affairs and Fisheries.

The EU's blue economy is fundamental to the European Green Deal. It is also indispensable to meet the EU's environmental and climate objectives. After all, the ocean is the main climate regulator we have. It offers clean energy and sustains us with oxygen, food, and many critical resources. There just can't be green without blue. The European Commission has recently adopted a new approach for a sustainable blue economy in the EU, aiming to fully embed the blue economy into the Green Deal and its strategy to recover from consequences of the COVID19 pandemic. A short overview of this "new blue approach" should offer an interesting introduction to the theme of the conference.

Music

Musical opening

The musical opening of this year's conference is carried out by the Indian Carnatic vocalist and writer T. M. Krishna, along with environmental journalist Nityanand Jayaraman. Collaborating with others, including a song-writer and a filmmaker, they produced the protest song '**Chennai Poromboke Paadal**' as part of a campaign to raise awareness about the dangers of converting open, un-built commons to enclosed and built spaces. Located in the tidal wetlands of Ennore, which is the epicentre of blue economy in the South Indian coastal state of Tamil Nadu, the song was released in 2017 and has since been trending on YouTube, garnering nation-wide attention to the harsh human and environmental consequences of the capitalist agenda of limitless blue growth.

The song's title **Poromboke** is an old Tamil word for common resources like waterbodies, seashores and grazing lands. Today, in common Tamil parlance, it has become a pejorative used to describe worthless people or places. This shift in meaning bears symbolic value for the worldwide degradation of the marine and coastal commons. The song is an attempt to revalorise the **Poromboke** given the counter-hegemonic tendencies of commoning.

T. M. Krishna is a musician who has scaled the heights of Indian classical Carnatic music. With this song he has extended the frontiers of the genre by raising a matter of public concern through Carnatic music, which has traditionally been exclusively concerned with the spiritual domain.

The boundaries of art are limitless. When art is sought to be bounded, everyone – art, artiste, audience – suffers. I see this as an attempt to break such confines. By rendering this song T.M. Krishna has drawn the attention of the larger world to the environmental degradation of Ennore Creek. None can watch this video without seething with rage.

Perumal Murugan, January 2017

The visually powerful [videoclip](#) was shot along Ennore creek, Chennai, and its associated wetlands, areas that are being encroached by Kamarajar Port and Chennai's real estate development, which are part of a broader blue growth agenda.

TM Krishna is an Indian Carnatic vocalist, activist and author of multiple books. In 2016 he was awarded with the Ramon Magsaysay Award for "his forceful commitment as artist and advocate to art's power to heal India's deep social divisions, breaking barriers of caste and class to unleash what music has to offer not just for some but for all."

Nityanand Jayaraman is a writer, investigative journalist and social activist based in Chennai, Tamil Nadu, India. He researches and reports on corporate abuses of environment and human rights.



Lyrics

Poromboke (n.)

/ por-um-pokku /

1. places reserved for shared communal uses (water bodies, grazing lands...)
2. a pejorative intended to demean and devalue a person or place.

Poromboke is not for you, nor for me.
It is for the community, it is for the earth.
Poromboke is in your care, it is in mine.
It is our common responsibility,
towards nature, towards the Earth.

The flood has come and gone, what have we learnt from that?
To construct buildings inside water bodies, what wisdom is that?
On the path that rainwater takes to the sea,
What need have we of concrete buildings?

It was not the rivers that chose to flow through cities
Rather, it was around rivers that the cities chose to grow.
And lakes that rainwater awaited.
Poromboke – they were reverently labelled.

After Ennore got its power plant.
Acres of ash, but river scant.
The sea and the river, he has kept apart.
The white sky, he blackened.

Once he gets done with Ennore, he will come for your place too.
If you stop, challenge or dare to resist, MAKE IN INDIA, he will lie and insist.
Growth, jobs, opportunities; these are just lame excuses.
For one who sold the water bodies, the lake is mere poromboke.

You and I, then; what are we then? We are poromboke too.
I certainly am poromboke. How about you? Are you poromboke too?
I certainly am poromboke!

Singer: TM Krishna

Concept: Nityanand Jayaraman

Lyrics: Kaber Vasuki

Music: RK Shriramkumar

Translated from Tamil by Aniruddhan Vasudevan and Karen Coelho.

Keynote speakers



Keynote Speaker 1 – Michelle Voyer

Reflecting on a Blue Future: creating a space for reflexivity in ocean governance

Reflexivity is a crucial component of the social science tradition. Reflexivity requires awareness of our position within the research process and how this positionality might influence our research outcomes and the interpretation of our observations. But how might reflexivity inform and guide ocean governance? In this presentation I would like to explore some ideas about how the social sciences might play a more active role in oceans governance – not just as observers and researchers but as active participants with skills and expertise in introducing and guiding reflexive processes. I will do so by outlining some of the ways in which my colleagues and I have been both theorising and applying notions of reflexivity to Blue Economy governance in a range of settings.

Speaker Bio

Michelle Voyer is a Senior Research Fellow with the Australian National Centre for Ocean Resources and Security (ANCORS) at the University of Wollongong. Building on a ten year career in Australian state and federal government, Michelle's research now focuses primarily on the human dimensions of marine conservation and resource management, and the nexus of social science and policy. In particular she has been engaged in range of projects exploring the social contribution of commercial and recreational fisheries to coastal communities, the social acceptability of MPAs, and the governance challenges associated with the emerging 'Blue Economy'. Her current research is focused on exploring opportunities for community input and engagement in Blue Economy discourses, with particular attention to the opportunities and challenges for Indigenous peoples in playing a leadership role in guiding future ocean use and management.

Keynote Speakers 2 – Marie Bonnin

Marine Spatial Planning in the Tropical Atlantic: From the Tower of Babel to the organization of a collective intelligence.

Managing the uses of marine space to reduce tensions between human activities and the health of marine ecosystems is the promise of marine spatial planning. This is a major challenge, as the oceans are today the focus of many varied and complex interests, at the crossroads of biodiversity conservation, climate change regulation, economic development, food security, etc.

At the heart of the Science of Sustainability approaches, this paper will explore the opportunities and limits of marine spatial planning, currently developed in Northern countries, in possible tropical declinations. Indeed, facing a common ocean, communities of actors must transcend disciplinary views and converge intelligence and knowledge to move towards a common goal of sustainability. The development of this collective intelligence in research on tropical marine ecosystems is positioned within the framework of local, state and international issues and is based on the development of interdisciplinary and innovative tools.

The communication that will be presented will be enriched by the contributions of several members of the project which will allow to present the contributions of the paddle project to the question of the limits to the blue growth.



Speaker Bio

Marie Bonnin is Research Director at the french Research Institute for Sustainable development (IRD), my research, focused on the tropical Atlantic, concerns the effectiveness of environmental law, i.e. knowing where and how the law contributes to the protection of the oceans. Since 2017, I have been coordinating the European research project PADDLE “Planning in a liquid world” on the opportunities and limits of marine spatial planning in the tropical Atlantic. The interactions developed within this framework allow me to work in collaboration with many partners, which allows me to go beyond the boundaries of my original discipline, marine environmental law.



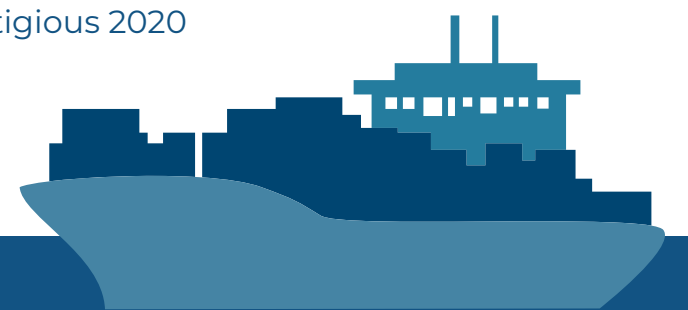
Keynote Speaker 3 – Jackie Dawson

Climate change and blue growth through new Arctic shipping opportunities

The Arctic Ocean represent one of the last frontiers for exploration and has captured the imagination of many global nations for centuries for its natural resource, tourism, scientific, and maritime trade potential. The Arctic is warming at two to three times the rate of the global average leading to rapid changes reductions in sea ice extent and to increased international attention and investment in newly accessible Polar seaways. Between 2013 and 2019 ship traffic entering the Arctic grew by 25% and the total distance traveled increased by 75%. Economic opportunities related to maritime trade and transport are only expected to grow in the medium-term future considering the Arctic is expected to be seasonally ice free by mid-century (2050). In this presentation the role and rate of climate change in the Arctic Ocean will be outlined including a discussion of the cascading risks and opportunities this presents for maritime trade and transportation. Topics such as community impacts, Inuit culture, underwater noise, invasive species, and geopolitical dynamics will be touched upon.

Speaker Bio

Dr. Jackie Dawson is the Canada Research Chair in Environment, Society, and Policy, and is an Associate Professor in the Department of Geography, Environment, and Geomatics at the University of Ottawa. She is also a Scientific Director of the Canadian Network of Centers of Excellence, ArcticNet. She is an Applied Scientist working on the human and policy dimensions of environmental change in ocean and coastal regions and is considered an expert in Arctic shipping, Arctic tourism, and Arctic oceans governance. She has served on two Canadian Council of Academies’ Expert Panels, is an elected member of the College of the Royal Society of Canada and is a Fellow of the Royal Canadian Geographic Society. She led the drafting of the 2018 G7 science statement focused on Arctic oceans and resilient communities, is a lead author on the IPCC AR6 and recently won the prestigious 2020 SSHRC Impact Connection award and the 2020 Governor Generals Innovation Award.



Nourishing Minds

A Conversation with 2021 World Food Prize Laureate and Global Lead, Nutrition and Public Health, WorldFish, Dr. Shakuntala Haraksingh Thilsted

In May 2021, Dr. Shakuntala Harksingh Thilsted was announced as the recipient of the World Food Prize. This is the most prestigious global recognition of work in the area of food and nutrition security. Dr. Thilsted’s success is significant for the MARE community because this is the first time the World Food Prize has been awarded for research on the dietary importance of fish rather than research on terrestrial crops.

In this conversation, we discuss how Dr. Thilsted's research goes beyond just the nutritional importance of fish as food. Dr. Thilsted's approach is of considerable interest to the MARE social science audience because of her commitment to transdisciplinarity, mentorship, and reflexivity about the institutional and personal context of her work. Dr. Thilsted recognizes that promoting the clear nutritional benefits of fish requires understanding the social, economic, political, and cultural contexts that shape how food is made available and accessible, and how food is understood and used. Her work thus necessarily engages with social scientists, policy makers, and participants in food systems. Dr. Thilsted is also acutely aware of the particular historical period in which she has engaged in food work. She recognizes that the politics and possibilities of fish as food were different in her early career as they are now. New knowledge of the nutritional qualities of fish are coupled with a changing landscape for research and practice on food. Discourses of inclusion are not necessarily matched by a broadening of the terms by which development is undertaken, however, or by more truly inclusive policies to support diversity in the upper echelons of the global political economy of food. Above all, however, Dr. Thilsted remains committed to an ethos of mentorship of young scholars and practitioners, fostering their capacity to learn together across disciplinary divides. Nourishing, for Dr. Thilsted, is not only about promoting accessible high quality diets, but also about building environments that support the free-ranging, constructive exchange of knowledge and ideas.



Tuesday 29th of June

08:30 - 10:00	Opening Session and Keynote - Stage 1 Keynote Speakers: Dhr. Felix Leinemann, T. M. Krishna, Nityanand Jayaraman, Dr. Michelle Voyer Chair: Prof. Joyeeta Gupta							
	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	Stage 8	Stage 9
	10:15 - 12:15 <u>1.302</u> Changing tides: coastal transitions and transformations Chair: Dr. Alin Kadfak Dr. Signe Sonvisen, Dr. Michael Fabinyi, Mr. Erwin Prayogi, Dr. Karl Agius, Dr. Michael Briguglio, Dr. Anna Antonova	2.303 The importance of Citizen Science for Blue Growth Chairs: Dr. Emma McKinley, Prof. Jahn Petter Johnson Mr. Ben McAteer, Dr. Robert Arthur, Dr. Serena Lucrezi, Dr. Emma McKinley, Ms. Juliette Kon Kam King	3.273 Informing trade-offs for a Sustainable Blue Growth Chairs: Prof. David Goldsborough, Dr. Paulina Ramírez-Monsalve, Dr. Robert Stephenson Prof. David Goldsborough, Dr. Paulina Ramírez-Monsalve, Dr. Robert Stephenson	3.152 Ocean Cruising and the Blue Economy: Impacts of COVID-19 Chair: Dr. Suellen Tapsall Dr. Suellen Tapsall, Prof. Tim Mazzarol, Dr. Jennifer Holland, Dr. Wendy Elliott	3.044 Development of the Fisheries Local Action Group system: how can local partnerships revive small-scale fisheries and community well-being? (I) Chairs: Dr. Kristina Svels, Dr. Alicia Said, Dr. Pekka Salmi, Dr. Sebastian Linke, Prof. Jeremy Phillipson Dr. Kristina Svels et al., Prof. Annette Thuesen, Mr. Richard Freeman, Dr. Kristina Svels, Dr. Sebastian Linke, Mr. Nathan Siegrist, Dr. Pekka Salmi, Prof. José J. Pascual-Fernández	2.246 Building out collaborations on dried fish social economies in Asia 1: Ideas Chair: Prof. Derek Johnson Prof. Derek Johnson et al., Prof. Derek Johnson, Mr. Mahfuzar Rahman, Ms. Madu Galappaththi, Dr. Kyoko Kusakabe, Dr. Jenia Mukherjee	3.308 Theorizing Blue Growth Chair: Dr. Marleen Schutter Mrs. Jessica Giannoumis, Mr. Timur Jack-Kadioglu, Ms. Sara García-Morales, Dr. Marleen Schutter, Ms. Pricilla Rakotoarisoa	6.302 Impacts and responses to COVID-19 in coastal and marine areas II Chair: Cristina Pita Dr. Jenny Oates, Ms. Teri Tuxson, Dr. Rumana Sultana, Ms. Florence Poulain, Dr. Emily Ogier
14:00 - 15:00	Excursion <u>Small-scale fishers on the front line of climate breakdown (film screening of Kokoly and panel discussion) - Stage 1</u> Chair: Mr. Matthew Judge							
15:30 - 17:30	2 <u>4.123</u> Ocean-Based Solutions for People, Ocean, Planet Chair: Mrs. Jeanne Everett Mrs. Jeanne Everett et al., Mrs. Jeanne Everett, Prof. Lora Fleming, Dr. Robert Blasiak, Ms. Rocky Sanchez Tirona, Ms. Cecile Brugere	3 <u>3.312</u> Perspectives on marine conservation and restoration Chair: Dr. Amber Himes-Cornell Dr. Amber Himes-Cornell, Dr. Matt Fortnam, Ms. Lea Riera, Dr. Chris Smith, Mr. Joshua Wambugu, Ms. Dana Baker	4 <u>3.277</u> Commons, Community and Conservation: Making Commons Dynamic through Commonisation-De-commonisation and Community-based Conservation Chairs: Prof. Prateep Nayak, Dr. Fikret Berkes Prof. Prateep Nayak, Dr. Fikret Berkes, Prof. Sarmistha Pattanaik, Dr. Haseeb Irfanullah, Dr. Derek Armitage	5 <u>3.270</u> WORK IN FISHING, Roundtable 1: Emphasis on explaining unacceptable working conditions Chair: Dr. Melissa Marschke Dr. Jessica Sparks, Dr. Carolina Pelaez Gonzalez, Ms. Georgina Alonso, Dr. Vanessa Jaithe, Ms. Mallory MacDonnell	6 <u>3.304</u> (new) Access and distribution in Fisheries Governance Chair: Dr. Emilie Lindkvist Dr. Emma Bean, Dr. Hiroe Ishihara, Ms. Blanca Gonzalez, Dr. Gaetano Sabato, Mr. Bryan Galligan, Mr. Michael Pederson	7 <u>4.193</u> Aquaculture: understanding emerging sustainability challenges Chairs: Dr. Aisa Manlosa, Dr. Stefan Partelow, Prof. Achim Schlüter Dr. Stefan Partelow et al., Mr. Ben Nagel, Dr. Stefan Partelow, Ms. María Garteizgogeoasca, Dr. Arunkumar A. S., Dr. Sean McNally	8 <u>5.202</u> Small-scale fisheries and Everything Blue - the perspective of fisher folks on Blue Growth Chair: Ms. Nicole Franz Dr. Leopoldo Cavaleri Gerhardinger, Dr. Hanna Wetterstrand	9 <u>1.251</u> Fostering viable social economies in small-scale fisheries and aquaculture Chair: Prof. Derek Johnson Dr. Alida Bundy et al., Dr. Alida Bundy Dr. Ana Carolina Dias, Mr. Sisir Pradhan, Prof. Emdad Haque
	18:30 - 20:30 <u>1.176</u> Small Fish and Food Security: Towards innovative integration of fish in African food systems to improve nutrition Chair: Prof. Jeppe Kolding Prof. Paul van Zwieten et al., Ms. Laura Wessels, Ms. Amy Atter, Dr. Austin Ablo, Prof. Paul van Zwieten, Prof. Francis Nunoo	4.214 Marine Ecosystem Restoration: A new sector in the Blue Space? Chair: Dr. Nadia Papadopoulou Dr. Nadia Papadopoulou et al., Dr. Paula Canal-Vergés, Dr. Nadia Papadopoulou Dr. Jamileh Javidpour, Dr. Cintia Organo Quintana	2.300 Methods in marine knowledge construction Chair: Ms. Evelyn Paredes-Coral Ms. Malena Ripken, Dr. Patrice Guillotreau, Joshua Boampong, Ms. Amanda Schadeberg, Ms. Evelyn Paredes-Coral	3.113 Funders as agents of marine governance Chair: Dr. Rebecca Gruby Dr. Rebecca Gruby et al., Ms. Emily Peterson, Mr. Jeffrey Blackwaters, Dr. Rebecca Gruby, Dr. Ashley Enrici, Ms. Elodie Le Cornu, Dr. Xavier Basurto	1.156 Fish farming advancing of the blue economy - upcoming opportunities for rural and urban livelihoods in Kenya Chair: Dr. Katrine Soma Dr. Katrine Soma et al., Dr. Katrine Soma, Mr. Benson Obwanga, Dr. Oscar Ingasia, Mr. Charles Mbauni Kanyuguto	4.048 The Western Wind Frontier: Lessons Learned to Date from the Transition to Offshore Wind Energy in the United States Chair: Dr. Tiffany Smythe Dr. Tiffany Smythe et al., Dr. David Bidwell, Ms. Samantha Bingaman, Dr. Michael Ferguson, Dr. Sarah Gonyo, Mr. Aaron Russell, Dr. Tiffany Smythe	2.301 Science/Politics interface in marine knowledge production Chair: Dr. Massimo Pizzol Dr. Laia d'Armengol, Ms. Ina Tessnow- von Wysocki, Ms. Rosanna Mann, Dr. Alison Neilson, Dr. Kåre Nolde Nielsen, Dr. Massimo Pizzol	6.301 Impacts and responses to COVID-19 in coastal and marine areas I Chair: Cristina Pita Dr. Leyre Goti, Dr. Philip Loring, Dr. Lotta Kluger, Dr. Cesar Viteri, Ms. Josheena Naggea, Mr. Andrew Halliday

Wednesday 30th of June

09:00 - 10:00	Keynote Speaker : Dr. Marie Bonnin - Stage 1 Chair : Prof. Jan van Tatenhove							
	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	Stage 8	Stage 9
10:15 - 12:15	3.045 Adventures in international and interdisciplinary capacity building and research Chairs: Prof. Hong Ching Goh, Prof. Melanie Austen Prof. Hong Ching Goh et al., Prof. Melanie Austen, Prof. Hong Ching Goh, Dr. Matt Fortnam, Dr. Jacqualyn Eales, Mr. Carya Maharja, Dr. Ha Nguyen	2.250 The Constitution of Marine Knowledges: Ocean Observation, Narratives and Regimes Chairs: Ms. Beatrice Dippel, Prof. Anna-Katharina Hornidge Ms. Beatrice Dippel et al., Prof. Anna-Katharina Hornidge, Mr. Arne Langlet, Prof. Alice Vadrot, Ms. Jacqueline Goetze, Ms. Beatrice Dippel, Ms. Mirja Schoderer, Mr. Roald Leeuwerik	3.212 The EU in Global Fisheries Governance: Whose Sustainability Counts? Chairs: Dr. Alin Kadfak, Dr. Sebastian Linke, Dr. Anna Antonova Dr. Alin Kadfak, Dr. Andrew F. Johnsson, Dr. Sonia Garcia Garcia, Prof. Hubert Zimmermann	3.311 Fish and food security & food systems Chair: Dr. Anna Farmery Dr. Silvia Gómez, Dr. Anna Farmery, Mr. Anderson Kwasi Ahwireng, Dr. Edward Onumah	3.111 From transformations and sustainability to traceability and governance in aquaculture and blue food systems Chair: Dr. Ben Belton Dr. Furqan Asif, Prof. Simon Bush, Mr. Xavier Tezzo, Dr. Hilde Toonen, Dr. Furqan Asif, Mr. Wesley Malcorps, Prof. Jahn Petter Johnsen	4.194 Is the meso-pelagic zone a new frontier for Blue Growth? An interdisciplinary dialogue Chair: Ms. Amanda Schadeberg Ms. Amanda Schadeberg, Dr. Raúl Prellezo, Dr. Laura G. Elsler, Dr. Melina Kourantidou, Dr. Rolf A. Groeneveld, Dr. Alina M. Wieczorek	1.013 Migration, Precarity and the Search for Social Mobility: Coastal transformations and labour relations in the fishing industry during the last century Chair: Prof. Nitya Rao Prof. Nitya Rao, Dr. Natalie Djohari, Prof. Nitya Rao, Dr. Bjørn-Petter Finstad, Dr. Nataša Rogelja Caf, Dr. Becky Taylor	6.090 Blue Crises in the Irish Sea: Coastal Communities in Ireland and Wales Chair: Prof. Claire Connolly Dr. James Smith, Dr. Jonathan Evershed, Prof. Rhys Jones, Prof. Pete Merriman, Dr. Rita Singer, Ms. Aoife Dowling
14:00 - 15:00	Excursion The daily struggle of women leaders in fisheries for the preservation of their maritime culture: the case of Awa Seye in Senegal - Stage 1 Chair: Dr. Aliou Sall							
15:30 - 17:30	2	3	4	5	6	7	8	9
	6.181 Multiple faces of vulnerabilities and opportunities for viability in small-scale fisheries Chair: Dr. Ana Carolina Dias Dr. Ana Carolina Dias et al., Ms. Valeria Mendoza De La Luz, Ms. Navya Nair, Ms. Aishwarya Pattanaik, Ms. Maria Battaglia, Ms. Joyce Sekyi, Ms. Rosina Amoah Agyapong, Mr. Simar Kaur, Ms. Aini Nur Furoida, Ms. I Gusti Lanang Tantra	2.247 Building out collaborations on dried fish social economies in Asia 2: Methods Chair: Prof. Derek Johnson Prof. Derek Johnson et al., Prof. Derek Johnson, Ms. Alexia Pigeault, Dr. Eric Thrift, Dr. Nireka Weeratunge, Dr. Sara Ahmed, Prof. Ratana Chuenpagdee, Dr. Sayeed Ferdous	2.282 Ocean Storytelling: Alternative ways of knowing the sea and why these are important for ocean governance Chair: Ms. Taryn Pereira Ms. Taryn Pereira et al., Dr. Kira Erwin, Ms. Buhle Francis, Dr. Dylan McGarry, Dr. Joana Bezerra, Dr. Sirkka Tshiningayamwe, Ms. Aaniyah Omardien	3.306 Powerful reflections and theorizing on partners and participation in fisheries management Chair: Dr. Maree Fudge Ms. Tabitha Muriuki, Dr. Maree Fudge, Dr. Dirk Steenbergen, Dr. Emilie Lindkvist, Mr. Solmundur Palsson, Ms. Naomi Edwards	3.120 WORK IN FISHING: Roundtable 2. Emphasis on work agency and policy Chair: Dr. Peter Vandergeest Mr. Andrew Le, Dr. Lichuan Liuhuang, Mr. Jonathan S. Parhusip, Dr. Alejandro Garcia Lozano, Dr. Miriam Wilhelm, Dr. Elizabeth Havice, Mr. Andy Shen	4.301 Livelihoods and Communities in Dynamic Coastal Spaces Chairs: Dr. Aisa Manlosa, Dr. Isabel Richter Mrs. Anke Winchenbach, Mrs. Bhuvaneswari Kp, Mr. Djiga Thiao, Mr. Stuart Bunting, Ms. Molly Ahern, Mr. Leonardo Hummel, Mr. Joel Sumeldan	1.205 Prospects for small-scale fisheries transitioning from vulnerability to viability (PART 2) Chair: Prof. Prateep Nayak, Dr. Derek Armitage Dr. Derek Armitage et al., Prof. Prateep Nayak, Dr. Suvaluck Satumanatpan, Dr. Hilmi Chani, Mr. Erwin Prayogi, Dr. Paul Onyango, Dr. Shehu Akintola	5.055 Sensitizing sustainable ocean development to social inequality Chair: Dr. Yoshitaka Ota, Prof. Maarten Bavinck Dr. Yoshitaka Ota, Dr. Sherry Pictou, Dr. Andrés Cisneros-Montemayor, Prof. Ratana Chuenpagdee, Dr. Leopoldo Cavaleri Gerhardinger, Prof. Anna-Katharina Hornidge, Prof. Maarten Bavinck
18:30 - 20:30	1.254 Collective action, organizations, and small-scale fisheries governance for equitable livelihoods (Part 1, applied/practitioner perspectives) Chairs: Ms. Nicole Franz, Dr. Hillary Smith Dr. Hillary Smith et al., Mrs. Amenye Ndiwo-Banda, Ms. Ana Carolina Marciano, Mrs. Nadine Nembhard, Mrs. Suzanne Kuria	3.062 Blue Justice Illustrated: Stories, Theories, Practices Chair: Prof. Ratana Chuenpagdee Prof. Ratana Chuenpagdee, Prof. Ratana Chuenpagdee, Dr. Milena Arias Schreiber, Prof. Svein Jentoft, Dr. Evan Andrews	3.116 Title Blue. Justice in Canada: Understanding Equity and Justice in the Blue Economy and Blue Recovery efforts in the Canadian Context (part 1) Chair: Dr. Christine Knott Dr. Christine Knott et al., Dr. Desai Shan, Dr. Leah Fusco, Dr. Gerald Singh, Dr. Megan Bailey	6.281 Impacts of and Responses to COVID-19 Disruptions in SmallScale Fishery Supply Chains Chairs: Ms. Hannah Bassett, Dr. Sahir Advani, Ms. Sonia Sharan Ms. Hannah Bassett, Dr. Sahir Advani, Mr. Christopher Giordano, Ms. Sonia Sharan	6.266 EXPECTED THE UNEXPECTED : Impacts and social issues of Sargassum in pre and post-COVID times Chairs: Dr. Florence Ménez, Dr. Julia Fraga Dr. Florence Ménez et al., Dr. Julia Fraga, Dr. Ulises Jauregui, Dr. Florence Ménez, Mr. Robert Thigpen, Dr. Florence Ménez	6.230 Staying Afloat: African SIDS and the Blue Recovery Chair: Ms. Josheena Naggea Mr. Yuvan Beejadhur, Ms. Josheena Naggea	2.234 Whose Knowledge, Whose Ocean? Decolonizing and Coproducing Ocean Science (part 1) Chairs: Prof. Esther Turnhout, Dr. Annet Pauwelussen, Dr. Harriet Harden-Davies Dr. Annet Pauwelussen et al., Dr. Annet Pauwelussen, Ms. Sallie Lau, Dr. Jessica Vandenberg, Dr. Elena Burgos Martinez, Dr. Adam Grydehøj, Mrs. Shannon Swanson, Dr. Araba Sey	6.303 Environmental change, resilience and adaptation in coastal and marine areas Chair: Machiel Lamers Dr. Katherine Maltby, Ms. Karin Otsuka, Mr. Dennis Redeker, Mr. Timo Gentes, Mr. Ingmar Sturm, Mr. Michael Kriegl

Thursday 1st of July

09:00 - 10:00	Excursion - Life in the coast: fisheries and aquaculture in Bulacan, Philippines - Stage 1 Chair : Dr. Aisa Manlosa							
10:15 - 12:15	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	Stage 8	Stage 9
	1.197 Applying science, transferring knowledge. Linkages and opportunities for marine tourism & coastal heritage sustainability Chair: Dr. Raquel De La Cruz Modino Dr. Raquel De La Cruz Modino et al, Mr. David Domínguez, Dr. Patricia Arranz, Mrs. Gabriela Bellazzi, Dr. Cristina Piñeiro-Corbeira, Mr. David Adolfo Gómez-Durán, Prof. José J. Pascual-Fernández	4.300 Social Acceptance and Impacts of Emerging Sectors in Marine and Coastal Spaces Chairs: Mr. Roald Leeuwerik Mr. Roald Leeuwerik, Ms. Julie Rostan, Ms. Eleanor Ford, Dr. Daniele Brigolin, Mr. Lukas Ritzenhofen	3.221 Why we should embrace culture in Marine Spatial Planning Chairs: Dr. Kira Gee, Dr. Stephen Jay Dr. Kira Gee, Dr. Stephen Jay	5.300 Coastal conflict and contestation: Conservation, securitization and the protection of fishers' rights Chair: Dr. Andrew Song Ms. Claire Collins, Mr. Rupert Quinlan, Mr. Clement Bresson, Dr. Andrew Song, Dr. Katherine Seto	3.303 New routes to the governance of maritime activities Chair: Prof. Jan van Tatenhove Dr. Klaas Willaert, Prof. Jan van Tatenhove, Dr. Annie Young Song, Dr. Beth Roberts	3.171a Coastal and maritime cultural heritage: facing risk and seeking opportunity (part 1) Chairs: Dr. Katia Frangoudes, Dr. Hilde Toonen, Mr. Jordi Vegas Macias Dr. Katia Frangoudes, Dr. Wesley Flannery, Dr. Loes Witteveen, Dr. Katia Frangoudes, Mr. Jordi Vegas Macias	3.080 Blue conflicts and pathways to sustainability PART I Chair: Dr. Fred Saunders, Dr. Kåre Nolde Nielsen Dr. Lol Dahlet et al, Dr. Lol Dahlet, Dr. Deborah Prado, Dr. Milena Arias Schreiber, Dr. Samiya Selim, Mr. Wijnand Boonstra, Dr. Fred Saunders	3.217 The EU in Global Fisheries Governance: Whose Sustainability Counts? (part 2) Chair: Dr. Alin Kadfak, Dr. Sebastian Linke, Dr. Anna Antonova Dr. Anna Antonova, Dr. Anna Antonova, Ms. Mandy Doddemaa, Mr. Alexandre Rodriguez
14:00 - 15:00	Keynote Speaker : Dr. Jackie Dawson - Stage 1 Chair : Dr. Machiel Lamers							
15:30 - 17:30	2	3	4	5	6	7	8	9
	5.094 Roundtable: Accounting and responding to human-rights violations in the small-scale fisheries sector Chairs: Dr. Paula Satizabal, Dr. Lina M. Saavedra-Díaz, Dr. Isabela Figueroa, Ms. Gina Noriega, Ms. Yulibeth Velásquez-Mendoza Roundtable with: Mr. Adrian LaRoda, Prof. Moenieba Isaacs, Prof. Philippe Le Billon, Ms. Sofie Gry Fridal Hansen, Dr. Leopoldo Cavaleri Gerhardinger	3.310 Governance aspects of Area Based Management Chair: Prof. Alexandra Harrington Prof. Alexandra Harrington, Dr. Yvonne Kunz, Dr. Fononga Vainga Mangisi-Mafileo, Dr. Karen Alexander, Dr. Maree Fudge	3.301 Different uses and Marine Spatial Planning; from theory to practice Chair: Mx. Julie Reimer Dr. Edwin Kisiel, Dr. Sondra Eger, Dr. Eka Higuchi, Mx. Julie Reimer	3.309 Fisheries policies and management Chair: Dr. Keshav Prasad Paudel Dr. Anastasia Quintana, Mr. Pascal Thoya, Dr. Keshav Prasad Paudel, Dr. Emma Westling, Dr. Bhagath Singh, Dr. Nigel Sainsbury	2.248 Building out collaborations on dried fish social economies in Asia 3: Findings Chair: Prof. Derek Johnson Prof. Derek Johnson, Dr. Dilanthi Korlagama, Dr. Gayathri Lokuge, Dr. Jeena Srinivasan, Dr. Tara Nair, Ms. Gargi Mondal	2.218 Whose Knowledge, Whose Ocean? Decolonizing and Coproducing Ocean Science (part 2) Chairs: Dr. Annet Pauwelussen, Prof. Esther Turnhout, Dr. Harriet Harden-Davies Dr. Annet Pauwelussen et al., Dr. Harriet Harden-Davies, Dr. Eira Carballo, Dr. Hekia Bodwitch, Prof. Kate Barclay, Ms. Randa Sacedon, Ms. Machteld Vergouw	5.186 Industries and Infrastructures: Coastal Transformation and Contested Development in the Global South Chair: Dr. Ajit Menon, Dr. D. Parthasarathy Dr. Ajit Menon et al., Dr. D. Parthasarathy, Dr. Ajit Menon, Mr. Mo Chen, Dr. Syma Ebbin et al.	1.300 Towards blue markets for food security Chair: Maarten Bavinck Dr. Hiroe Ishihara, Mr. Viktor Vesterberg Mr. Subramanian Karuppiah, Dr. Sahir Advani, Prof. Peethala Vijaya Prakash, Dr. Divya Karnad
18:30 - 20:30	1.256 Collective action, organizations, and small-scale fisheries governance for equitable livelihoods (Part 2: academician perspectives) Chairs: Dr. Hillary Smith, Ms. Nicole Franz Dr. Hillary Smith et al., Dr. Alejandro Garcia Lozano, Ms. Adiska Octa Paramita, Dr. Liz Drury O'Neill, Dr. Hillary Smith, Dr. Xavier Basurto, Dr. Mateja Nenadovic	5.118 Blue Justice in Canada: Understanding Equity and Justice in the Blue Economy and Blue Recovery efforts in the Canadian Context (part 2) Chair: Dr. Charles Mather Dr. Christine Knott et al., Dr. Melanie Wiber, Dr. Christine Knott, Dr. Evan Andrews, Dr. Paul Foley	3.313 Taking cultural and gender aspects into account in marine governance Chair: Dr. Cornelia Nauen Ms. Liliana Bastian, Dr. Cornelia Nauen, Dr. Kira Gee, Ms. Carla Zambrano et al.	3.171b Coastal and maritime cultural heritage: facing risk and seeking opportunity (part 2) Chairs: Dr. Katia Frangoudes, Dr. Hilde Toonen, Mr. Jordi Vegas Macias Dr. Katia Frangoudes, Ms. Elaine Azzopardi, Ms. Irène Béguier, Dr. Lisa Sousa, Dr. ML Kraan	3.226 Privatising the coast and the ocean? - reflections on the trend Chairs: Prof. Maarten Bavinck, Prof. Achim Schlüter Prof. Achim Schlüter et al., Prof. Achim Schlüter, Prof. Philip Steinberg, Prof. Juan L Suarez-de Vivero, Dr. Nathan Bennett, Prof. Anthony Charles	2.245 Emerging Oceans: The Power of Expanding Digital Regimes to Format Ocean Futures Chair: Dr. Kevin St Martin Dr. Kevin St Martin et al, Dr. Noëlle Boucquey et al, Dr. Lisa Campbell, Dr. Jennifer Silver, Ms. Kari Elida Eriksen, Dr. Kevin St Martin	5.115 Blue appropriations in the marine frontier spaces: History, current status and resistance strategies in the Sub Antarctic marine space Chair: Mr. José Barrena Mr. José Barrena et al., Dr. Gustavo Blanco-Wells, Dr. Alberto Harambour, Dr. Sandra Marín, Mr. José Barrena, Dr. Gonzalo Saavedra	1.303 Exploring blue employment Chair: Dr. Per Knutsson Dr. Leandra Gonçalves, Dr. Luciana Y. Xavier, Dr. Maria Andree Lopez Gomez, Dr. Kyoko Kusakabe, Ms. Ravadee Prasertcharoensuk, Dr. Søren Qvist Eliassen
								10 6.231 Gender and adaptive capacity in a sea of change Chairs: Prof. Maricela de la Torre-Castro, Dr. Romeo Saldívar-Lucio, Dr. Holly M. Hapke Prof. Maricela de la Torre-Castro, Dr. Romeo Saldívar-Lucio, Prof. Maricela de la Torre-Castro, Dr. Holly M. Hapke

Friday 2nd of July

09:00 - 10:00	Excursion - A visit to the Whalers' House on the island of Texel (The Netherlands) - Stage 1 Chairs : Dr. Loes Witteveen, Pauline van Tuyll, Dr. Hilde Toonen, Dr. ML Kraan							
10:15 - 12:15	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6	Stage 7	Stage 8	Stage 9
	2.153 Reflecting on key blue economy discussions and research directions at MARE People and the Sea XI Chair: Dr. Ana Spalding, Dr. Michelle Voyer, Dr. Judith van Leeuwen, Dr. Marleen Schutter Dr. Marleen Schutter, Dr. Ana Spalding, Dr. Michelle Voyer, Dr. Judith van Leeuwen	2.142 Ocean Literacy for the UN Ocean Decade: From Theory to Action Chairs: Dr. Emma McKinley Dr. Emma McKinley	3.187 Blue conflicts and pathways to sustainability: PART II Chairs: Dr. Fred Saunders, Dr. Kåre Nolde Nielsen Dr. Fred Saunders et al., Dr. Josselin Guyot Téphany et al., Dr. Merle Sowman, Dr. Ralph Tafon, Dr. Marion Glaser, Prof. Peter Arbo	3.099 Development of the Fisheries Local Action Group system: how can local partnerships revive small-scale fisheries and community well-being? (2) Chairs: Dr. Kristina Svets, Dr. Alicia Said, Dr. Pekka Salmi, Dr. Sebastian Linke, Prof. Jeremy Phillipson Dr. Alicia Said et al., Dr. Maria Assunta D'Oronzio, Dr. Astorkiza Kepa, Mr. Anatole Danto, Dr. Iria García-Lorenzo, Prof. Luis Miret Pastor, Dr. Alicia Said, Prof. Stella Sofia Kyvelou	3.302 Institutions in fisheries & coasts: change, innovation and entrepreneurship Chair: Dr. Aisa Manlosa Mr. Hudu Banikoi, Mr. Daniel Jensen, Ms. Sofia Käll, Prof. Mingbao Chen, Dr. Hiroyuki Inai, Dr. Aisa Manlosa	2.241 Blue Coasts and Seas as Commons Chair: Dr. Tom Selwyn Dr. Tom Selwyn et al., Dr. Erdiñ Çakmak, Mr. Geoffrey De Vito, Dr. Raoul Bianchi, Dr. Rachel Radmilli, Mr. Roger Steer	5.185 Exploring (and subverting) the appropriation of blue economy aspirations Chair: Dr. Holly Niner Dr. Holly Niner, Dr. Bolanle Erinoshogbo, Mx. Kelly Hoareau, Prof. Jeremy Hills, Prof. Elisa Morgera, Dr. Holly Niner et al.	2.216 "Out of the blue": Integrating land and marine planning for coastal community resilience Chair: Dr. Patricia Manuel, Dr. Bertrum H. MacDonald Mr. Daniel Martinez Calderon et al., Mr. Daniel Martinez Calderon, Dr. Glen Smith, Mr. Patrick Sjørdahl, Ms. Monica DeVidi
14:00 - 15:00	Excursion Sustainable tourism? Coral reef restoration, waste management and eco-tourism initiatives on Gili Trawangan, Indonesia - Stage 1 Chair : Dr. Stefan Partelow							
15:30 - 17:30	2	3	4	5	6	7	8	9
	1.301 Governing blue livelihoods Chair: Per Knutsson Dr. Ina Lehmann, Mr. Moses Adjei, Dr. Sarah Delputte et al., Ms. Josheena Naggea	2.302 Local knowledge and communities for Blue Growth Chair: Dr. Isabel Richter Prof. Vandick da Silva Batista, Ms. Hanna Wernerson, Dr. Isabel Richter, Mr. John Roderick Madarcos, Ms. Julia Bingham, Mrs. Emilie Wiehe	3.161 Marine Spatial Planning and Ocean Conservation in the Age of Climate Change Chair: Dr. Catarina Frazão-Santos Dr. Catarina Frazão-Santos et al.	3.239 One fish, two fish, red fish, blue fish – exploring interfaces in research on the contributions of small pelagics to food and nutrition security Chairs: Dr. Maarten Bavinck, Prof. Derek Johnson Prof. Maarten Bavinck, Prof. Jeppe Kolding et al., Prof. Derek Johnson, Dr. Thijs Schut, Dr. Benjamin Campion, Dr. Amalendu Jyotishi, Mrs. Anu Garg, Ms. Nicole Franz	3.244 Is blue justice possible within a blue growth paradigm?: exploring risks and solutions for an equitable ocean economy Chair: Dr. Jessica Blythe, Dr. Nathan Bennet Dr. Jessica Blythe, Dr. Paula Satizabal, Dr. F. Mallin, Dr. Mialy Andriamahefazafy, Dr. Cecilia Campero, Dr. Nathan Andrews, Dr. Jennifer Silver et al.	1.204 Prospects for small-scale fisheries transitioning from vulnerability to viability (PART I) Chairs: Dr. Derek Armitage, Prof. Prateep Nayak Dr. Derek Armitage et al., Dr. Samiya Selim, Dr. Gazi Islam, Prof. Indah Susilowati, Dr. Aliou Sall, Dr. Yinji Li, Dr. Ana Carolina Dias	5.228 Widening the discussions on Blue Degrowth: Actors, Spaces and Alliances Chair: Dr. Maria Hadjimichael, Mr. Borja Nogué Alguero, Dr. Irmak Ertör Mr. Borja Nogué Alguero, Mr. Borja Nogué Alguero, Dr. Boyko Doychinov, Ms. Karly Miller, Prof. Ilan Kelman	3.305 How to make participation of fishers in governance real? Chair: Dr. Sebastian Linke Ms. Susan De Koning et al., Ms. Victor Manuel Velazquez Duran, Mrs. Ida Wingren, Mx. Rita São Marcos, Prof. Maris B. Gillette
18:30 - 20:00	Closing Session : Nourishing Minds: A Conversation with 2021 World Food Prize Laureate and Global Lead, Nutrition and Public Health, WorldFish, Dr. Shakuntala Haraksingh Thilsted - Stage 1 Chairs : Prof. Derek Johnson and Prof. Maarten Bavinck							

Policy Day 2021

MARE Policy Day 2021: Coastal & Maritime Cultural Heritage

Marine and coastal regions provide space for the movement and intersection of peoples and cultures and are gateways connecting land and sea. Coastal and maritime cultural heritage (CMCH), rooted in specific land- and seascapes, buildings, stories, traditions, language, and cultural practices, is lauded as an essential part of society. CMCH contains the unique ethos and identity of places, and includes fishing villages, working waterfronts, and other sites, which developed through connections and interactions with the sea. Nonetheless, there are multiple constraining conditions, emerging from environmental threats and resultant risks, and from changing economic, political, and social conditions. With calls for the sustainable utilization of CMCH in the name of Blue Growth, there is a need to think through its management and governance.

In this year's MARE Policy Day, we will draw upon the work done in various research projects, including the EU funded PERICLES and FisherCoast, among other initiatives in and beyond Europe. We will examine how to meet CMCH's integration challenges understood in the following ways: (1) the integration of cultural and natural heritage, (2) horizontal integration across sectors and various marine policy areas (e.g., MSP, ICZM, regional development), and (3) the integration of different knowledges, values, interests, and participation of diverse stakeholders. Our objective, like in other MARE policy days, is to hear from decisionmakers, practitioners, and managers regarding their experiences and to open a space for discussion and dialogue. We will close the day with reflections on the integration of lesser-known heritage narratives, including painful and uncomfortable histories, and

All day / Pre & post-Policy Day

Coastal Transformations, a visual exhibition of FisherCoast, visual materials from PERICLES, and other supporting material for MARE Policy Day from panelists

10:00 – 11:00

Opening of MARE Policy Day on Coastal & Maritime Cultural Heritage

Kristen Ounanian, Coordinator of PERICLES

Antony Firth, Ocean Decade Heritage Network

11:00 – 11:10

Find your session's "room" / Coffee break

11:10 – 12:30

The Integration of the City & the Sea

Chairs: Reza Masoudi & Carsten Jahn Hansen

Intangible Cultural Heritage knowledge: its challenges and opportunities

Chair: Katia Frangoudes

12:30 – 13:00

Lunch Break

13:00 – 15:00

Bringing together cultural and natural heritage

Chairs: Elaine Azzopardi & Irène Béguier

15:00 – 17:00

Policy integration of coastal and maritime cultural heritage

Chair: Hilde Toonen

The role of museums and hidden heritage narratives

Chair: Tom Selwyn

17:00 – 17:30

Closing: Brief Reflection and Acknowledgments

Chair: Kristen Ounanian