

MARE Conference People & the Sea XII

BLUE FEAR

Navigating ecological, social and existential anxieties
during the Anthropocene

26 - 30 June 2023

University of Amsterdam (plus online)

Programme Book



CENTRE FOR SEA AND SOCIETY



WAGENINGEN
UNIVERSITY & RESEARCH



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LEIBNIZ CENTRE
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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, we welcome you to the 12th People and the Sea Conference in Amsterdam.

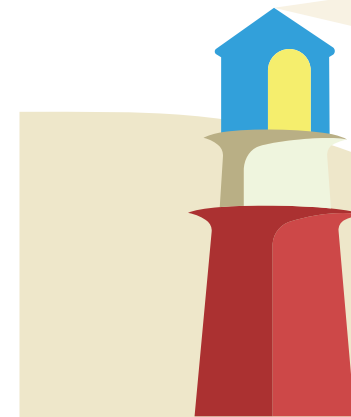
The theme of this year's conference is **'Blue Fear: navigating ecological, social and existential anxieties during the Anthropocene'**. Oceans have always imbued seafarers with fear: fear of storms, pirates and shipwreck, or fear of the creatures that live beneath the surface. This year's conference theme suggests that such fears may be resurfacing, be it in a different shape. People are becoming increasingly afraid of what our societies have unleashed: the realities of sea level rise, climate change, pollution, overfishing and biodiversity loss. Or perhaps Blue Fear is not so much about these biophysical changes themselves, though, but how they affect the lives of coastal and island habitants, the people whose livelihoods and identities have been intertwined with the coast and the sea for centuries. And it is not only nature that is causing them worry. New blue industries are materializing and claiming space and resources, thereby threatening to squeeze out old and established users.

Blue Fear does not only pose challenges though. It also opens challenges for transformation, and for new hope and motivation to engage, connect, and mobilize. This conference takes Blue Fear as its starting point and invites us to look it in the face. All three keynotes and our closing plenary session will dwell on this provocative theme.

It was only four years ago that we had our jubilee conference, marking twenty years of MARE's existence and the completion of ten People and

the Sea Conferences. The 2019 Conference culminated in a 'Manifesto for the Marine Social Sciences', which, published in *Maritime Studies* (in June 2020), aimed to identify a set of urgent topics for the marine social science agenda. While 'Blue Fear' did not feature explicitly on the research agenda set out then, we believe the theme speaks to the imagination and provides a meaningful entry point for new transdisciplinary enquiry.

Then came the Covid-19 pandemic, which forced us to go virtual for the MARE 2021 Conference. While many may have missed the conviviality of meeting in-person in Amsterdam, this online event was a true success, with more participants joining than ever before. After all, the virtual mode made the conference considerably more accessible.



Fast forward to the organizing committee of 2023, which was keen to bring the MARE community back to Amsterdam and organise a predominantly physical conference. At the same time, the committee was glad to have retained some the inclusive benefits of a 'virtual conference'. Hence, we welcome our online participants as much as our physical ones! Building

on years of on-and-off (and – let's be fair – sometimes erratic) hybrid teaching during the pandemic, we are glad that the University of Amsterdam now provides facilities that allow the conference to be accessible via online means. By way of experiment, we have also included a hybrid component that allows for a limited number of online presentations.

The present conference is organized in seven (and sometimes eight) parallel sessions over a period of three-and-a-half days. Participants can choose from a rich palette of papers and panel sessions, roundtables and workshops on a variety of topics. Three keynote speakers – one on each of the first three days – will provide additional food for thought. The conference dinner, that will again be held in the magnificent Dominicus Church in the centre of Amsterdam, will provide for other needs.

Before closing, we would already like to express our gratitude for the immense work done by Tara Lawrence and Nick van Stee to organize this event.

We wish you all a very inspiring conference and a pleasant stay in Amsterdam.

Joeri Scholtens and Maarten Bavinck

Co-chairs 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); and University of Amsterdam (Governance and Inclusive Development programme group).



MARE engages in four platform activities:

- The organization of biennial People and the Sea Conferences, always in Amsterdam, of which this is the twelfth conference in the series.
- Conferences are always preceded by a policy day.
- The publication, in association with Springer, of the journal Maritime Studies (MAST).
- 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



www.facebook.com/MAREcentre/



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 21 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 (or MAST) is an interdisciplinary, international journal devoted to coastal and maritime issues. MAST has a social science focus, but functions as a platform for scholars from a broad range of disciplines who are engaged in research on maritime and coastal matters, from an academic or applied point of view.

The People and the Sea Conferences are central to the MARE network and the community of researchers contributing to Maritime Studies. To ensure the success of the journal we invite you to provide 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 overseen by committed editors.
- Careful selection and editing of thematic collections.
- 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.
- Personal approach.
- No author fee; chargeable open access publishing options.

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/mast/backissues.html

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

Joeri Scholtens, Managing EditorEditor-in-Chief

 www.facebook.com/MaritimeStudies

 www.twitter.com/MaritimeStudies

GENERAL INFORMATION ABOUT THE CONFERENCE

CONFERENCE COMMITTEE

Co-chairs:

Joeri Scholtens

University of Amsterdam
Governance and Inclusive Development Group

Maarten Bavinck

University of Amsterdam
Governance and Inclusive Development Group
(emeritus)

Committee:

Kristen Ounanian

Aalborg University
Centre for Blue Governance

Marie Fujitani

Leibniz Centre for Tropical Marine Research (ZMT)
& University of Bremen, Germany

Keshav Prasad Paudel

The Arctic University of Norway
The Norwegian College of Fishery Science

Judith van Leeuwen

Wageningen University
Environmental Policy Group

Nataša Rogelja Caf

Research Centre of the Slovenian Academy of Sciences and Arts
Slovenian Migration Institute

Eira C. Carballo-Cárdenas

Wageningen University
Environmental Policy Group

Maria Pafi

Wageningen University
Environmental Policy Group

Conference
organizers:

Tara Nicole Lawrence

UiT – The Arctic University of Norway
The Norwegian College of Fishery Science

Nick van Stee

University of Amsterdam
MARE Centre for Maritime Research

Rick Salome

University of Amsterdam Conferences & Events

Best Student
Paper:

Elyse Mills (Institute of Social Studies/ICSF)

Annisa Triyanti (University of Utrecht)

Conference
volunteers:

Anja Binkofski, Anne de Jong, Carmen Muller,
Chloe Balducchi, Daniel Jensen, Jan Borchert,
Jewel Das, Josefin Eckstedt, Kamilla Rathcke, Luisa Cruz,
Mark Heinersdorff, Michiel Bader, Olaf Velden,
Sam Arnold, Sarah Griggori, Sarah Veillat,
Sophia Møller Hansen, Sterre Stam,
Sunnefa Yeatman Omarsdottir, Tessel Borst

Poster, book, and
banner design:

Floortje van Osch, [dash dot comet.com](https://dash-dot-comet.com)



EXPERIMENTING WITH HYBRIDITY: A MARE FIRST

The MARE People and the Sea Conference XI took place during the COVID-19 pandemic and was therefore wholly virtual in nature. This year, while going back to the format of an in-person conference, the MARE conference committee decided to maintain an element of hybridity. This choice was meant to reflect our commitment to inclusivity and innovation. However, we did decide to limit online presentation opportunities to a maximum of 10%, largely to PhD-students and/or colleagues from low-income countries, as well as a few others who faced exceptional circumstances. Our aim is to provide a platform for those who may not have the means to join us in person, while still maintaining the rich and interactive experience that comes with face-to-face interactions. By offering online participation to specific groups, we have strived to find a balance between accessibility and the benefits of in-person engagement.

We kindly ask for your understanding and support as we navigate this new territory. Together, we hope to eventually create an inclusive and dynamic conference environment that embodies the spirit of the MARE events.

RESPECTING EACH OTHER AT MARE 2023

The MARE 2023 organizing committee strives to create a setting in which everyone feels welcome during the conference and have their dignity, identity and privacy respected. We strive to create an inclusive environment in which participants regardless their ages, gender-identity, disability, religion, ethnicity or scientific discipline feel truly safe and respected. To these ends, the organizing group has adopted the stance that any form of discrimination, racism, sexism and xenophobia, in word or deed, is unacceptable and will be addressed by the organizing committee. Should you wish to express discomfort in relation the above, please do reach out to our social safety contact person Marie Fujitani, marie.fujitani@leibniz-zmt.de

SPONSORS



INFORMATION AND SERVICES

Registration

The main registration desk is located at the Roeterseiland Campus in the central hall on the ground floor of building A (Nieuwe Achtergracht 166, Amsterdam). The desk will be open for registration and information from Monday the 26th of June from 9:15 until 18.30. And again on Tuesday the 27th of June from 11:30 onwards.

A second registration desk is located at KIT Royal Tropical Institute (KIT) (Mauritskade 63, Amsterdam), where the conference opening will take place. You can register here on Tuesday 27 June between 08:45 and 09:45.

Information desk

Throughout the conference, the MARE Information Desk can be found at the entrance of REC A, central hall. This desk is staffed by MARE volunteers, who are easily recognized by their MARE t-shirts. They are available to provide any information or answer any questions you may have.

Money withdrawal

There is a cash dispenser (ATM) in the Albert Heijn grocery store, around the corner from REC A on the Sarphatistraat street.

Lunch

Different lunch options are served each conference day. All attendees are welcomed in the A-hall to pick up their lunch bag and snacks. Please see the conference programme for lunch times.

INTERNET INFORMATION

As a guest, you have several options for using the wireless network at UvA.

- Eduroam wireless network: for guest users from other educational institutes. Log in using the account of your own institute.
- You can log on to the UvA Open Wi-Fi network, which does not require registration or passwords. When you connect to the network you will be asked to re-directed to the UvA Open Wi-Fi Network startup page, here you will be asked to join the network.

For those active on social media, we invite you to include #MARE2023 to your posts and to tag us @MAREcentre on Twitter and Facebook.

NAVIGATING THE CONFERENCE: PHYSICALLY AND ONLINE

Both for online and physical participants, the best way to navigate the conference is to visit the conference schedule online in [Meetinghand](#). You can scroll through the elaborate programme day by day and choose the sessions you wish to attend.

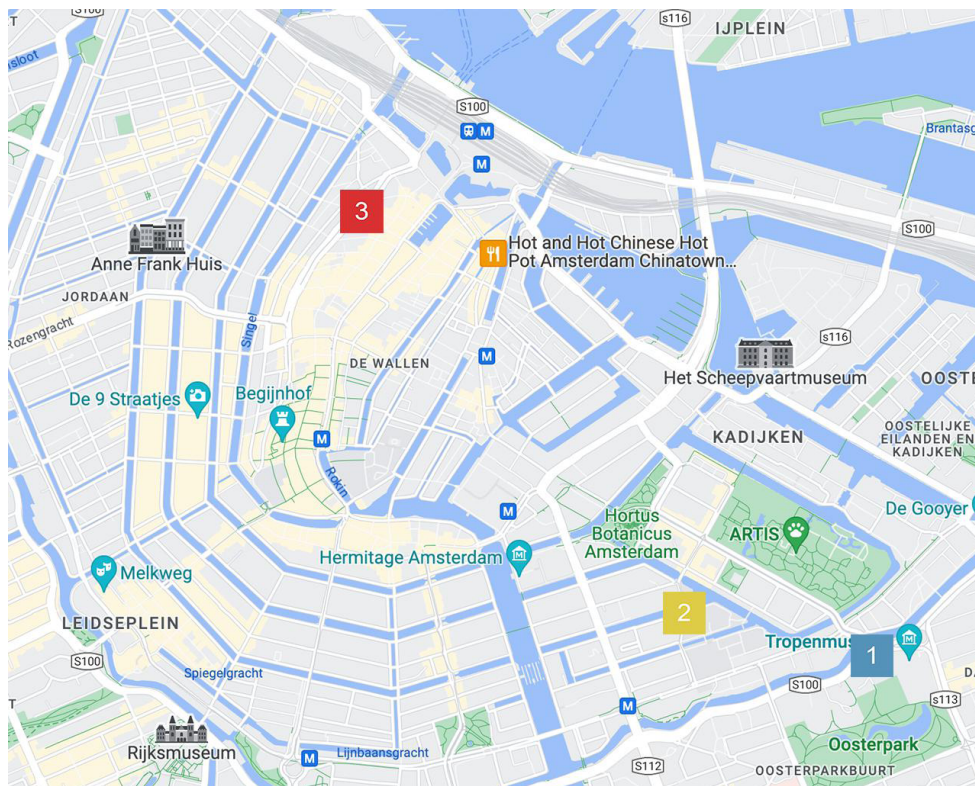
Each session shows two links. One provides access to the papers' abstracts, the other to the Zoom link for those attending remotely. Note that the password for all zoom sessions is '**Bluefear?**'

Are you getting lost in the details, and looking for quick navigation? Then take a look at the final pages of the [programme book](#), to get a simple overview of who is presenting when and where in a simplified format.

VENUES AND MAPS

This year's conference will be held in the University of Amsterdam's Roeterseiland Campus, except for the opening and dinner. Located in the east of the city, near Artis Zoo, it can easily be reached by public transport. One can reach the intersection Weesperplein with tram (1, 7, 19) and metro (51, 53, 54). Another option is to stop at Artis with tram 14 and walk towards the University. Note that you can use most bank cards (instead of special public transport tickets) to check in and out of trams, buses and metros.

Overview of conference venue and locations:



1. Royal Tropical Institute (KIT)

Opening of the conference and First Keynote on Tuesday, Mauritskade 63, Amsterdam

2. University of Amsterdam

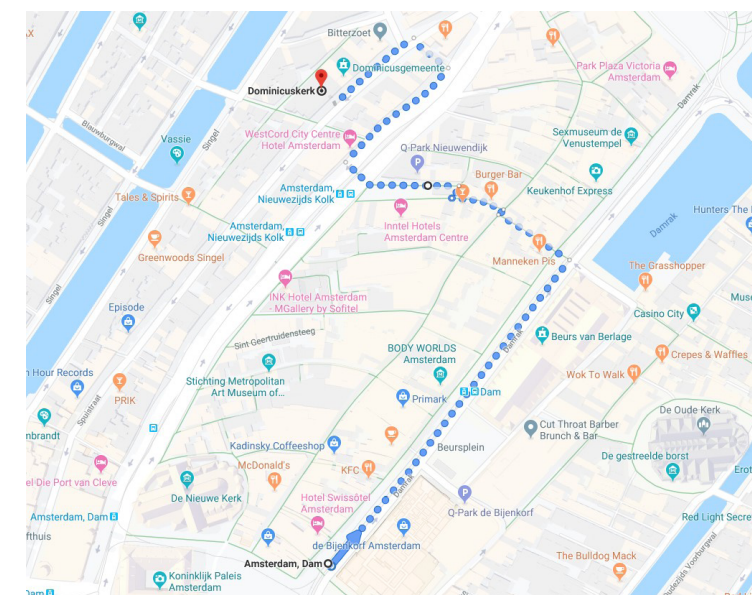
Panel sessions and keynotes: REC A

Lunch + Tea and Coffee Break: the entrance hall of REC A and at the hallway of REC A on the 2nd floor, Nieuwe Achtergracht 166, 1018 WV Amsterdam (See map above)

3. The Dominicus Church

Spuistraat 12, Amsterdam

The conference dinner on Thursday, will be held here. From the University of Amsterdam, take tram 14 from the 'Artis' stop on Plantage Midtenlaan, toward "Central Station". The church is a 7 minute walk from the 'Dam Square' stop. You can also take tram 7 to Leidseplein and transfer to tram 1, 2, 5 or 17, toward "Central Station" and exit at 'Nieuwezijds Kolk'. See map below for route from the 'Dam Square' stop. The entrance to the main hall is on the left (South) side of the building.



University of Amsterdam Roeterseiland Campus



The yellow arrow refers to the entrance of building A (REC A). The keynotes on Wednesday and Thursday, and the closing plenary on Friday will take place in this building. From this entrance, you will enter hall A of the campus from where you will find further directions.

Staying hydrated

Stay hydrated and refreshed throughout the conference. You will find multiple water points throughout the conference area, ensuring easy access to clean drinking water. MARE 2023 water bottles can be picked up at the information desk.

MUSIC

Robertina Šebjanič

MARE has a long tradition of featuring a musical performance during the conference opening that speaks to the conference theme. Robertina Šebjanič is an awarded and internationally exhibited artist-researcher whose work explores the biological, chemical, (geo)political and cultural realities of aquatic environments and the impact of humanity on other organisms. Her projects call for the development of empathetic strategies aimed at recognising the other (non-human) species. In her analysis of the Anthropocene, the artist uses the terms “aquatocene” and “aquaforming” to refer to the human impact on aquatic environments. Her works received awards and nominations at Prix Ars Electronica, Starts Prize, Falling Walls, and RE:Humanism.

For more information, visit <https://robertina.net/>

OPENING CONCERT

Aquatocene / The subaquatic quest for serenity

Aquatocene / The subaquatic quest for serenity investigates the phenomenon of underwater noise pollution created by humankind in the seas and oceans. The sound compositions are a re-mix between the bioacoustics of marine life (shrimps, fish, sea urchins etc.), the aquatic acoustics and the presence of human-generated noise in the world's oceans and seas.

Over the last few years, Šebjanič has made a number of recordings using hydrophones in different locations around the globe. Underwater noise affects a great number of marine life forms which depend on the sub-aquatic sonic environment to survive.

The audio compositions of the subaquatic soundscape encourage us to reflect upon the anthropogenic sonic impact on the underwater habitat and marine life, as well as illuminate awareness and underscore the importance of maintaining safe sound environments for animals living in the world's oceans, seas, lakes and rivers.

Web: <http://robertina.net/aquatocene/>

Bandcamp: <https://robertina.bandcamp.com/album/aquatocene-sub-aquatic-quest-for-serenity>

Credits:

Artist (development / sound recording / sound editing): Robertina Šebjanič
Production support (since 2016): Kibla, R.S. Studio, Bunker, Zavod Praksa, Piksel festival, 1. Camp residency program at Roscoff Marine Station, Ministry of Culture of the Republic of Slovenia and MOL – Department for Culture, Fondation Daniel et Nina Carasso, Sektor

CLOSING LISTENING SESSION (7min fragment from 33 min work)

Atlantic tales

By Roberitna Šebjanič

Atlantic Tales intertwine mythology and science and speak about the complexity of tackling challenges in the Anthropocene era. The narrative talks of the depths of the waters and the dark projections for the future if man's (destructive) footprint continues to grow, as has been the trend in recent decades. The seas and oceans are changing rapidly, and our knowledge about their changes, which are often the result of human intervention, is expanding more slowly and is often wrapped in the long-established separation and distinction between the impact of human activity on land and at sea.

How do the oceans feel the actions of man, how do his actions affect the inhabitants of the oceans and seas, and what could the beings living in them tell us about this if we understood or wanted to understand them? The protagonists of the story are the basking shark (*Cetorhinus maximus*) and the flame shell (*Limaria hians*), a small endemic species, both of which the Šebjanič encountered during her stay on the research science ship RV Celtic Explorer on an expedition in the North Atlantic Ocean.

Credits:

Artist (concept, development, text, sound design): Robertina Šebjanič
Sean-nós vocals: Caitríona Ní Cheannabháin, Róisín Seoighe
Narration: Polona Torkar, Recording of narration: Rok Kovač, Sound mastering: Aleš Hieng Zergon
Production 2019–2020: Aerial/Sparks, Galway 2020 European Capital of Culture
Production 2021: Kino Šiška in Zavod Sektor
Web: <https://robertina.net/atlantic-tales-selachophila-cetorhinus-maximus-limaria-hians/>

MARE/ DOUGLAS CLYDE KONGSHØJ WILSON BEST STUDENT PAPER AWARD 2023

Once again, we will be awarding the MARE / Doug Wilson Best Student Paper prize this year. The recipient of this prize will be revealed during the conference dinner. The winner will receive a range of benefits, including an award, free registration for the MARE People and the Sea XIII Conference in 2025, dedicated support for publishing their paper in our journal Maritime Studies (MAST), and a €300 book voucher generously sponsored by Springer Publishers.

This esteemed recognition is awarded in memory of Douglas Clyde Kongshøj Wilson, a distinguished fisheries sociologist affiliated with the University of Aalborg and an esteemed member of the MARE team who passed away prematurely in 2013. The award aims to honour a student who has demonstrated notable originality, methodological rigor, and timely relevance in the field of maritime studies. Doug's unfortunate and premature passing in 2013 makes this award even more significant. We encourage all eligible students to submit their papers and have the opportunity to be recognized for their outstanding contributions to the field.

VARIOUS LOGISTICS

Conference Opening

On Tuesday we will be officially opening the conference at the Royal Tropical Institute (KIT) located at Mauritskade 63, 1092 AD Amsterdam. This location is at a walking distance from the conference venue. After an opening speech by Prof. Dr. Peter-Paul Verbeek (Rector, UvA), we will submerge in a captivating musical performance by Robertina Šebjanič. This is followed by the first keynote address by Stefan Helmreich. After a tea and coffee break, we will walk towards the conference venue, the Roeterseiland campus of the University of Amsterdam.

Amsterdam

Amsterdam draws in a large tourist crowd and is well known for its 17th century canal belt, which is a UNESCO world heritage site. It is worthwhile just to take a stroll through the old inner city or along the canals and adjacent streets. Amsterdam also has a wide range of interesting museums, historical monuments, and art galleries. For those of you who do not mind a bit of crazy traffic, explore the city by bicycle or, if you rather like sitting down while taking in the scenery, take a boat tour across the old city.

Public transport

It is convenient to travel within Amsterdam using the public transport system. The tram, busses or metro can take you pretty much everywhere in the city. Public transport is accessible in different ways. You can simply hold your bankcard (or even phone with Google or Apple Pay) against the scanner of the check in poles or gates at the various stops and stations. You can also choose to buy an OV-chipkaart (an electronic travel card with a chip) from GVB info desks or machines at most train stations. These can then be charged with credit. If you only go with public transport once or twice, you may also choose for a disposable chip card (valid for one hour) from the tram or bus conductor. The public transport company also offers tickets for 1-7 days unlimited travel through Amsterdam. For a comprehensive list of OV-chipcards and prices, check en.gvb.nl/. For an up to the minute trip planner on all Dutch public transportation, please visit www.9292.nl/en.

Bicycle rental

On a warm summer day, there is nothing like cycling through the city and taking in the scenery and whilst enjoying the cool summer breeze. Here are a few bike rental options:

- Macbike: Central Station, Leidseplein, Waterlooplein.
- Starbike rental: Behind Central station, on the right-hand side.
- Rentabike: Damstraat 20-22.

Be mindful, however. Traffic can be very chaotic in the city.

Taxis

Taxicentrale Amsterdam (TCA) is the largest taxi company in Amsterdam, and a reliable one. TCA can be reached 24 hours a day using the telephone number 020-777-7777 (that's 7x7) or you can download their app (TCA App). As is common nowadays, Uber has also nested itself into the local landscape.

Events in Amsterdam

If you are interested in what else is going on in Amsterdam, you will find a list of festivals, theater, music, exhibitions on the Amsterdam website: <http://www.iamsterdam.com/en/>

Conference dinner by Orontes

Grilled meat and fish dishes characterize the Mediterranean cuisine from Antakya (Hatay), Turkey's culinary capital. In addition to grilled dishes, fresh vegetables and mezes (tapas) are very important in this cuisine. Orontes adds flavour to their dishes by using exclusive products such as pomegranate sauce, mountain thyme, basil flowers, dried red pepper flakes, sumac and cumin, which they personally buy in Antakya. With these ingredients, Orontes creates a wide variety of salads and mezes, which is of great importance to the festive opening of the conference dinner.



CONFERENCE THEME AND STREAMS

Blue Fear – navigating ecological, social and existential anxieties during the Anthropocene

Oceans have always imbued seafarers with fear: fear of storms, pirates and shipwreck, and fear of the creatures that live beneath the surface. This conference suggests that such anxieties are currently broadening and intensifying. Not only are people afraid of occasional tsunamis and hurricanes that take lives and ravage coastal habitats. We are also afraid of what we have ourselves unleashed: the realities of sea level rise, climate change, pollution, overfishing and biodiversity loss. Scientists are working overtime to fine-tune the understanding of causes and effects and to provide possible solutions. International policy fora – such as those involved in the current Ocean Decade - are prodding policymakers and politicians to initiate meaningful mitigatory and adaptive action.

But Blue Fear is not only about abstract planetary boundaries and realities of the Anthropocene. It is affecting the lives of coastal and island inhabitants all over the world, the people whose livelihoods and identities are intertwined with the coast and the sea for centuries. And it is not only nature that is causing them worry. The human face of the coast is changing rapidly. New industries are materializing and claiming space: tourism, aquaculture, ocean energy, marine biotechnology, and mineral exploration, amongst others. New 'belt and road' initiatives are gaining shape and maritime boundaries are being disputed. Governments all over the world are re-zoning the coast and creating protected areas, all of which impose new limitations on human activity. Security concerns are resulting in the militarization of coastal regions with new and old forms of strife. All these demands for the use of coastal/marine space and resources are creating conflict and posing challenges.

Blue Fear impacts how society views, studies, discusses, and governs the ocean. Blue Fear can be the stuff of nightmares and callous manipulation. It triggers collective trauma, flight, and acts of resistance too. It reshapes religious beliefs and rituals. Fear, and related topics of grief and helplessness, shape what we see as possible actions and avenues of inquiry, and what is perceived as feasible. But Blue Fear does not only pose challenges, it also opens opportunities for invention and transformation: new patterns of livelihood, new technologies, new forms of collaboration, new legal arrangements. New hopes and motivation to engage, connect, and mobilize. It also leads to novel academic quests for interdisciplinary and trans-disciplinary knowledge, and new impetus for marine social science.

This conference takes Blue Fear as its starting point and invites us to look it in the face. It explores current opportunities and threats in the era of climate and anthropogenic change. How does Blue Fear manifest itself? Who does it belong to and what does it trigger? Where does it take us?

Blue Fear challenges us to ask ourselves what social scientists can contribute to understanding and dealing with Blue Fear, and to investigate the realm of 'people and the sea' from new angles. Fear need not be paralyzing nor a handicap. After all, fear provides an incentive to act and join hands.

CONFERENCE STREAMS

STREAM 1: Identifying Blue Fear– what are the trends?

This stream takes a panoramic approach to the theme of Blue Fear, investigating its expressions at different scale levels, in various geographical areas, and from different disciplinary perspectives. It asks how 'fear' and 'anxiety' affect the way we engage with coastal and marine environments and how it colours human understandings and responses. This stream is especially interested in how the unknown—emerging blue sectors and

technologies, unpredictable weather and climatic patterns, unaccounted cultural, social, and economic impacts—influences Blue Fear and resulting actions. On the other side, panels may examine historical patterns of inequality, coloniality, commodification, blue grabbing, and how those patterns manifest in Blue Fear and resultant acts of resistance. Panels and papers may focus on specific topics or marine sectors or employ a comparative or more holistic approach.

STREAM 2: Protecting and adjusting blue livelihoods for well-being in the light of blue fear

The new blue economy may exacerbate existing dilemmas for coastal inhabitants rather than deliver on its promises. This stream takes these fears on, particularly in terms of what this has meant for communities on the coastal frontline. What new opportunities have emerged or been made available and how have existing ways of life been challenged? Do the fears of coastal inhabitants match, compare or contrast with the fear scholars and other experts project into the wider discourse? After all, the fear of development for one can also be the hope or promise of development for the other. Can there be a balance? And who gains the benefits and who bears the costs? This stream welcomes contributions grounded in blue livelihoods, addressing fears of injustice, inequity, loss of tradition and identities, gender discrimination and violence, precarious work and changing wellbeing. It also considers livelihood strategies such as migration and career shifts and the implications they have for wellbeing.

STREAM 3: Claiming and producing new knowledges and diverse epistemologies to address blue fear

This stream focuses on the role of knowledge in ocean policy, politics, and decision making. It explores how different users, interests, scientists and industries contribute to the formation of marine epistemologies and their dissemination, uptake and use. Knowledge formed from diverse practices including but not limited to everyday experiences, idiosyncratic or system-

atic knowledge production, or information coming from a recognized expert, will have impact on values, principles, and procedures in ocean policy and politics. Different interests and agendas inevitably drive knowledge production and dissemination, and this may produce conflicts, most dramatically in the cases of so-called 'fake news'. Fear can make one less receptive to new information, can divide and polarize, or drive consensus, creativity, and constructive action. 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, authorization, negotiation, inclusion and exclusion lead to different understandings of human-ocean relationships and how these understandings have impact on ocean policy, politics, and outcomes.

STREAM 4: Governing in the face of blue fear

This stream focuses on how Blue Fear changes, challenges and advances the governing, steering and managing of the Blue Realm. Governing bodies belonging to states, industry and civil society must deal with opposing uses of oceans: 1) the industrial development within (new) maritime sectors, such as shipping, fisheries, offshore oil and gas production, offshore renewable energy, cruise tourism, coastal tourism and deep seabed mining, etc. 2) the changing livelihoods of those connected to the oceans and its resources and 3) the conservation challenges to protect the species and nature of the oceans. How does Blue Fear reshape the need for tradeoffs around the use and conservation of the oceans and how does this impact governance processes? Who gets a say in how governance processes adapt to and provide hope for those in fear? Does Blue Fear lead to more reflexivity and does it change power dynamics for the sustainable transformation of blue governance? This stream welcomes contributions about how blue fear impacts the governance of the blue realm, the distribution of power, processes of reflexivity and capacity building, and issues of legitimacy and equity in maritime planning and decision making.

STREAM 5: Pursuing blue justice in the face of blue fear and dispossession

In the emerging blue growth era, coasts and oceans are subject to ever-rising conflicts over the distribution of space and resources. People at the forefronts of environmental change or those standing in the way of blue growth aspirations, are fearful of displacement and dispossession. While blue justice principles imply attention to the representation of marginalized people to ensure equitable access to healthy shorelines and oceans, many policies, practices and ideologies, intentionally or not, seem to stand in the way. What is the character of the ensuing contestations? How are the games of accumulation and dispossession played, how are they justified, how are they resisted, and to what effect? This stream focuses on blue justice in the face of fear. It invites papers that reflect on processes of blue appropriation as well as people's struggles in defense of their coasts and livelihoods, and in the pursuit of blue justice. Contributions seek to deepen our understanding of how ocean and coastal grabbing represent old and new forms of resource extraction and spatial appropriations. They ask how do people of the sea experience and respond to these intrusions as well as other pressures like organized crime, illicit resource extractions, smuggling and trafficking of goods and people, and coastal securitization?

STREAM 6: Maritime heritage between a fading past and uncertain future

Heritage is a modern concern preoccupied with ordering and uncertainty, propelled by a sense of the accelerated passage of (linear) time but also by future fears. This panel addresses the future of (maritime) heritage in the light of blue fear inviting papers that would reflect on the maritime heritage not only from the perspective of preservation of old and authentic items and practices but also including the idea of heritage as a form of creative production. Heritage as an input for new patterns of livelihood, new technologies, new forms of collaborations and new legal arrangements. In

that way we would like to change the perspective from loss to gain, from past to future, from fear to hope. Can we imagine future maritime heritage going beyond archiving, conserving, stasis, and product? A heritage that invites creative imaginations of future maritime livelihoods? This stream also invites papers that reflect on the role of maritime museums in the future and bring to the fore question such as what makes heritage maritime heritage, what is the future of maritime heritage in the context of Anthropocene, what kind of safeguarding practices are tailored for such a future, and what is the role of new technologies?

STREAM 7: Interdisciplinary and transdisciplinary marine sciences: Stepping together into unknown territory

It is increasingly noted that multifaceted global challenges benefit from a holistic perspective that oversteps our current academic structure of disciplines or crosses the boundaries between science and society. Rather than applying different disciplines in parallel to different facets of an issue, interdisciplinary science seeks to break into previously unknown territory and produce new insights and fields of inquiry. However, interdisciplinary and transdisciplinary science can be met with skepticism or fear, for example from disciplinary or academic gatekeepers, with protectiveness of disciplinary space, criteria, and resources. Constructed divisions and disciplinary jargons can lead to misunderstandings, conflicts and hierarchies, and disagreements on what is natural, what is social, what can be knowledge, and what is science. Interdisciplinary fear also comes from within, as scientists struggle with doubt within their unique blended spaces. This stream invites papers that reflect on the challenges, trade-offs, and methods developed to move into the many unknown territories between disciplines, and to reflect on their process and outcomes of interdisciplinary and transdisciplinary knowledge creation.

CONTENT OF THE PROGRAMME

KEYNOTE SPEAKERS

DR. STEFAN HELMREICH

Massachusetts Institute of Technology

Biography

Stefan Helmreich is Professor of Anthropology at the Massachusetts Institute of Technology and author of *Sounding the Limits of Life: Essays in the Anthropology of Biology and Beyond* (Princeton 2016) *Alien Ocean: Anthropological Voyages in Microbial Seas* (California 2009) and *Silicon Second Nature: Culturing Artificial Life in a Digital World* (California 1998). His forthcoming *A Book of Waves* (Duke 2023) is an anthropological study of wave science, centered on oceanography but also reaching into the domains of cosmology, medicine, acoustics, and social theory. Helmreich's essays have appeared in *Critical Inquiry*, *Representations*, *American Anthropologist*, *Cabinet*, and *The Wire*.



Title and abstract

Ocean Waves Dangerous, Domesticated, and Diagnostic

Ocean waves of relentless approach have long been objects of apprehension and fear. From mariner folklore to literature to Hollywood films, oncoming waves — both outsized and unremitting — have been forces and symbols of, variously, nature unbound and social planning unprepared.

How do coastal engineers and marine scientists understand such entities? This keynote will center attention on how ocean waves become objects of measure, monitoring, and modeling and in the process, entities whose frightening dimensions might yield to prediction and control. The talk will offer an extended case study from the Netherlands, a major center for wave research, reporting on ethnographic research with wave scientists in this country shaped by centuries-old endeavors to hold waves back from a land below sea level. Waves, long interpreted as forces of a wild, enemy nature, have come lately to be read as entities that might be rewritten, domesticated, allies in sculpting resilient environmental infrastructure. The talk zeros in on the historical matrices out of which Dutch wave science arrives, discussing wave folklore (e.g., the figure of the wave as “waterwolf”), early and contemporary physical scale models, up-to-the-minute computer simulations, remote sensing instruments, field measurement campaigns, and the recent rise of “building-with-nature” coastal defense strategies (e.g., the beach nourishment strategy emblemized by the “Sand Motor”). The presentation will conclude by zooming out to wider, comparative cases that see engineers and scientists seeking to manage waves and wave effects, including in the open ocean, a zone increasingly visited by “rogue” waves, effects, in some accounts, of increased storm strengths following from intensifying climate change. Amplified waves emerge as avatars of the Thallasocene, forces and forms diagnostic of the age of a rising ocean.

DR. NIREKA WEERATUNGE

International Centre for Ethnic Studies
(ICES)
Colombo, Sri Lanka

Biography

Nireka Weeratunge is an anthropologist and Research Fellow at the International Centre for Ethnic Studies (ICES) in Colombo, Sri Lanka. Her recent work has included research on gender and wellbeing in small-scale fisheries and aquaculture, land tenure, and interpersonal/social trust. She is also a member of the Scientific Steering Committee of Integrated Marine Biosphere Research (IMBeR), Canada/China. She has a PhD in anthropology from the University of Toronto, Canada with over 30 years of research and practice in the interface of gender, environment and development issues in the Asia-Pacific region. Her areas of interest are the social and cultural aspects of natural resource use, focusing on livelihood strategies in relation to poverty, vulnerability, resilience and wellbeing in fishing and farming communities. She has worked in Sri Lanka, Bangladesh, Cambodia, China (Yunan), Laos, Myanmar, Solomon Islands, Philippines and Vietnam.



Title and abstract

Oceans of uncertainty and wellbeing threats to coastal people in the
Global South: Insights from Sri Lanka

Coastal communities across the Global South are currently confronted
with serious economic hardship and a potential for widespread social and

political unrest. This is creating uncertainties and fears, largely caused by recent anthropogenic shocks of global scale. The effects of the pandemic, inflation and the war in Ukraine have contributed to over 60% of developing countries facing debt distress, 12 of which are projected by the World Bank to default on debts in 2023. Sri Lanka, an island nation in the Indian Ocean, experiencing an unprecedented economic, political and social crisis since 2022, is a case in point. A third of its 22 million population is estimated to be coastal. The current crisis followed close in the heels of the lockdowns and travel restrictions imposed during the COVID-19 pandemic for almost two years (2020-2021) and the Easter Sunday bomb attack of 2019. These three anthropogenic shocks taken together have resulted in crippling the country's economy, mainly dependent on worker remittances, tourism, and the apparel and tea industries, adversely affecting the wellbeing of islanders. The Easter Sunday bomb attack was focused on three coastal communities and loss of earnings from tourism, fisheries and services have especially affected coastal women and men. The depletion of the country's foreign currency reserves has resulted in fuel scarcity, currency devaluation, defaulting on international debt payments and spiralling price inflation on food and other commodities. These factors in turn have increased the risks of poverty and food insecurity for a growing segment of people. The lives of the island's inhabitants in general, and coastal women and men in particular, are challenged by everyday anxieties on how to make ends meet and put enough food on the table. Crisis responses have ranged from an emergence of an unexpected protest movement, mostly centred in the coastal city of Colombo, curtailed by now through state repression, to migration overseas, especially of young skilled workers and professionals.

Sri Lanka is presented here as a case study with a special focus on the impact of recent shocks on coastal urban and fishing communities, based on a gendered social wellbeing perspective. The entanglements of a corrupt and incompetent local political elite in the interface of contesting geopolitical interests and a disputed global financial system that underlie the

vulnerabilities of an island nation are unravelled using an anthropological lens. The question emerges as to what extent the structures and actors in the Sri Lankan crisis story constitute a 'Blue Fear' – especially threats faced by small-scale fishers to access the ocean due to a combination of urban development and military initiatives by the state and the promotion of tourism, aquaculture and mining with the engagement of the private sector. What are potential resilience strategies and governance pathways to transcend the existential anxieties that have become an intrinsic part of the lives of islanders in an ocean of uncertainty – not only in Sri Lanka but in other places facing similar crises in the Global South?

PROF. DR. LIAM CAMPLING

Centre on Labour, Sustainability and
Global Production
Queen Mary University, London

Biography

Liam Campling is a political economist working on problems of corporate power, distribution and development in the global oceans. He is Professor of International Business and Development at the School of Business and Management, Queen Mary University of London, where he works collectively at the Centre on Labour, Sustainability and Global Production. He has published widely in academic journals in the fields of Development Studies, Economic Geography and International Political Economy, and is co-author of *Capitalism and the Sea* (Verso, 2021), *Free Trade Agreements and Global Labour Governance* (Routledge, 2021), co-editor of *Labour Regimes and Global Production* (Agenda/ Columbia University Press, 2022), and was part of the



editorial team at *Journal of Agrarian Change* from 2007 to 2022. He has done research for a variety of organisations, including the Commonwealth Secretariat, European Parliament, International Transport Workers Federation, various United Nations agencies, and, in particular, the Pacific Islands.

Title and abstract

Facing Blue Fear through Just Transition? Redistributing Value(s) and Wealth in the Appropriation of the Global Ocean

'We' as an undifferentiated humanity are not the cause of the Anthropocene: always-terraqueous industrial capitalism does not benefit all equally, whether within or between countries or between generations. While the appropriation of nature is a transhistorical dimension of human life and labour, the particular historical forms of appropriation of the global ocean associated with the generalised production of commodities for profit are now known to undermine the reproduction of eco-systems and social systems as we know them. After decades of promise and experimentation, we also now know that neither market environmentalism nor some benign environmentalist state are sufficient to address the socio-ecological contradictions and crises that are underpinning Blue Fear. Within this gap, marine researchers are increasingly describing concentrated capital and market power as being central to this predicament. By drawing on almost 20 years of research on the global tuna industry, I hope to suggest ways to build on these insights in three steps. First, I set out a framework that combines the circuit of capital, geopolitical economy and labour regimes to analyse 'who' is capital and why the dynamics of capitalist competition produce socio-ecological contradictions. Second, I sketch the ways in which firms and states appropriate value in the global tuna industry and redistribute wealth between social classes and across geographies, exploiting social relations of domination and subordination to do so. Third, turning the anxieties of Blue Fear on their head while taking care to avoid populist tropes, I suggest a Blue Hope based on the redistribution of

wealth and rethinking of value(s) with/in the global oceans. Responses to the current climate and biodiversity crises and energy transitions provide a rare opportunity to fundamentally rethink the relationship between nature and necessary human labour that take seriously a socially-expansive, democratic and internationalist notion of just and equitable transition. coastal challenges.

CLOSING PLENARY SESSION: BLUE FEAR AND THE FUTURE

What role for marine social sciences research?

Multiple sustainability crises of climate change, pollution, and biodiversity loss are affecting our oceans and coasts: its nature, its people, its livelihoods. Many fear how blue change will unfold in the future and with what environmental and social consequences. This conference has taken Blue Fear as a starting point and invited all of us to look it in the face, as concerned scientists and people.

In this final panel, we want to reflect on the conference theme. We ask how real is blue fear when the thing we fear most is fear itself (after the famous quote of Franklin D. Roosevelt) and how does it matter for marine social scientists? We explore on the one hand which vulnerabilities blue fear exposes or exacerbates, while on the other hand reflecting on the role marine social sciences (should) plays in understanding how these vulnerabilities emerge, with what societal consequences and how societies are already dealing with blue crises and fear. During two rounds of discussion, we will engage with a diverse set of panel members to explore both topics. Based on the panel reflections and a video we aim to foster a dialogue between the mare conference participants to conclude how blue fear can create new forms of seeing and knowing the realm of people and the sea.

Chairs: Kristen Ounanian, Marie Fujitani and Judith van Leeuwen



OVERVIEW OF THE PROGRAMME

Monday 26th of June

- 09:15 - 16:30 Policy Day
 16:30 - 19:00 Pre-Conference Reception and Conference Registration
 (De Brug, 4th floor REC A)

Tuesday 27th of June

- 08:45-09:45 Registration, Coffee and Tea KIT
 09:45-11:30 Conference Opening by Prof. Dr. Peter-Paul Verbeek,
 Rector University of Amsterdam, followed by Musical
 performance 'Industrial Ocean' by Robertina Sebjanič from
 Slovenia.
 Keynote by Prof. Dr. Stefan Helmreich (MIT)
 Day Chair: Prof. Dr. Joyeeta Gupta (UvA)
 11:30-13:00 Walk to Roeterseiland Campus and Lunch (REC A)
 (Conference Registration continued)
 13:00-14:30 Panel Sessions 1 - 7 (REC A)
 14:30-15:00 Coffee and Tea Break (REC A central hall)
 15:00-16:30 Panel Sessions 8 - 14 (REC A)
 16:30-17:00 Fruit Break
 17:00-18:30 Panel Sessions 15 - 21 (REC A)

Wednesday 28th of June

- Day Chair: Prof. Dr. Jahn Petter Johnsen (UiT)
 09:00-10:00 Keynote by Dr. Nireka Weeratunge (REC A.0.01). Day Chair:
 Prof. Dr. Jahn Petter Johnsen (UiT)
 10:00-10:30 Coffee and Tea Break (REC A central hall)
 10:30-12:00 Panel Sessions 22 - 27 (REC A)
 12:00-13:00 Lunch (Platform REC A central hall)
 13:00-14:30 Panel Sessions 28 - 35 (REC A)
 14:30-15:00 Coffee and Tea Break (REC A central hall)

- 15:00-16:30 Panel Sessions 36 - 43 (REC A)
 16:30- 17:00 Fruit Break
 17:00 :18:30 Panel Sessions 44 – 50 (REC A)

Thursday 29th of June

- Day Chair: Prof. Dr. Jan van Tatenhove (AAU)
 09:00-10:00 Keynote by Prof. Dr. Liam Campling (REC A0.01).
 10:00-10:30 Coffee and Tea Break (REC A central hall)
 10:30-12:00 Panel Sessions 51 -58 (REC A, central hall)
 12:00-13:00 Lunch (REC A central hall)
 13:00-14:30 Panel Sessions 59 - 66 (REC A)
 14:30-15:00 Fruit Break (REC A central hall)
 15:00-16:30 Panel Sessions 67 - 73 (REC A)
 18:30-22:30 Conference Dinner (Dominicus church)

Friday 30th of June

- Day chair: Dr. Marloes Kraan (WUR)
 09:30-11:00 Panel Sessions 74 - 77 + 4 Free diving sessions (REC A)
 11:00-11:30 Coffee and Tea Break (REC A main hall)
 11:30-13:00 Concluding Plenary 'Blue fear and the future' (C1.03)
 13:00-13:15 Closing of the conference and Musical performance
 'Atlantic Tales' by Robertina Sebjanič from Slovenia
 13:15 – 14:00 Lunch (Platform REC A main hall)

FREE DIVING SESSIONS

Not all that is worthwhile can be planned for in advance. On Friday morning, we have therefore scheduled a series of 'Free Diving Sessions'.

Free diving sessions can be used for a brainstorm session on a burning question, for initiating a new research project or paper, for jointly planning an policy intervention, for a workshop on a conference-relevant issue, a follow-up discussion on a panel that happened to be too short, or any other idea or need that may arise during the first few conference days. Free diving sessions can be initiated by any conference participant and are open to all other participants.

Would you like to organize a free diving session?

Don't be shy and inform the conference desk or send a message to info@marecentre.nl before Wednesday 9 pm so we can plan the free diving sessions accordingly and circulate the relevant information to all participants on Thursday. There are 4 available slots. If we receive more than 4 proposals it is up to the discretion of the conference committee to make a selection.

08:45 - 9:45	Conference registration (Location: KIT Royal Tropical Institute)
09:45 - 11:30	Conference Opening: Prof. Dr. Peter-Paul Verbeek (Location: KIT Royal Tropical Institute) Day Chair: Prof. Dr. Joyeeta Gupta (UvA) Musical Performance: Robertina Sebjanic (Slovenia) 'Industrial Ocean' Keynote: Prof. Dr. Stefan Helmreich (MIT) 'Ocean Waves Dangerous, Domesticated, and Diagnostic'
11:30 - 12:00	Walk to main conference venue
12:00 - 13:00	Lunch (REC-A)

Tuesday
27/06

13:00 - 14:30	<p>REC A1.03</p> <p><u>Panel #1</u> Creating actionable knowledge and informing stake-holders and/or policymakers Chair: David Goldsborough; Panelists: Tanja Granzow, David Goldsborough, Raquel De La Cruz Modino, Yong Hao Tan</p>	<p>REC A2.07</p> <p><u>Panel #2</u> The Blue Economy & Conservation: Exploring the deleterious impacts of current marine conservation strategies on local fishing communities Chair: Jake Dean; Panelists: Marcela Vásquez- León, Jake W. Dean, Florence Durney, Jean-Eudes Beuret</p>	<p>REC A2.08</p> <p><u>Panel #3</u> Topographies of power shaping the landscape of knowledge and blue fear Chair: Abby Knipp; Panelists: Ben McAteer, Hanh Tong Thi Hai, Roald Leeuwerik, Abby Knipp</p>	<p>REC A2.09</p> <p><u>Panel #4</u> Blue climate fear and implications for marine governance Chair: Lucy Holmes Mchugh; Panelists: Ruth Davis, Lucy Holmes Mchugh, Marcin Rakowski.</p>	<p>REC A2.10</p> <p><u>Panel #5</u> Political ecologies of ports Chair: Raymond Ayilu; Panelists: Raymond Ayilu, Jonas Hein, Arne Kinds</p>	<p>REC A2.11</p> <p><u>Panel #6</u> Honoring Professor Mostafa (Ranu) Ali Reza Hossain's transdisciplinary knowledge building for fisheries and aquaculture in Bangladesh Chairs: Ben Belton, Derek Johnson; Panelists: Ben Belton, Amalendu Jyotishi, Md. Mahfuzar Rahman, Ishaan Khot, Derek Johnson, Shakuntala Thilsted</p>	<p>REC A1.04</p> <p><u>Panel #7</u> Heritage as knowledge Chair: Nataša Rogelja; Panelists: Luc Renaud, Joanna Piwowarczyk, Samantha Williams</p>
14:30 - 15:00	Coffee and tea break (REC A)						
15:00 - 16:30	<p><u>Panel #8</u> Ocean literacy, education, and stakeholder communication Chair: Emma McKinley; Panelists: Michael Juan du Plessis, Folco Soffiatti, Emma McKinley, Berit Charlotte Kaae, Prue Francis</p>	<p><u>Panel #9</u> Labour dignity and abuse in fishing Chair: Alin Kadfak; Panelists: Dražen Cepić, Anke Winchenbach, Vanessa Jaiteh, Emilie Wiehe)</p>	<p><u>Panel #10</u> Exploring opportunities and limitations of Blue Transitions in six European coastal communities (Pecha-kucha + discussion) Chair: Kristen Ounanian; Panelists: Kristen Ounanian, Anna Antonova, Maria Hadjimichael, Kristina Svets, Alex Miller, Vida Maria Daae Steiro, Sílvia Gómez Mestres</p>	<p><u>Panel #11</u> Different pathways for fisheries governance Chair: Dirk Steenbergen; Panelists: Dirk Steenbergen, Svein Jentoft, Maarten Bavinck, Jahn Petter Johnsen</p>	<p><u>Panel #12</u> Gender and coastal livelihoods Chair: Nitya Rao; Panelists: Nur Isiyana Wianti, Nitya Rao, Carmen Pedroza, Lucy Atieno</p>	<p><u>Panel #13</u> Overcoming challenges of inter- and trans-disciplinary collaboration in the ocean decade Chair: Pamela Buchan; Panelists: Pamela Buchan, Christopher Smith, Aleksandra Koroza, Tanja Bogusz</p>	<p><u>Panel #14</u> Refining our understanding of concepts of abundance, presence/absence and overfishing Chair: Jennifer Telesca; Panelists: Amanda Schadeberg, Jennifer Telesca, Hannah Dickinson</p>
16:30 - 17:00	Fruit break (REC A)						
17:00 - 18:30	<p><u>Panel #15</u> Narratives and values in human-nature relationships Chair: Nike Fuchs; Panelists: Philippa Louey, Yim Ming Connie Kwong, Nike Fuchs, Mo Chen</p>	<p><u>Panel #16</u> Cinema and blue fear: perspectives on natures and narratives Chair: Gaetano Sabato; Panelists: Gaetano Sabato, Claudio Gnoffo, Stefano Montes, Monika Arnez</p>	<p><u>Panel #17</u> Social sustainability and social justice in MSP: Towards practical implementation (Discussion) Chairs: Kira Gee, Michael Gilek; Panelists: Frederick Saunders, Kira Gee, Ingela Isaaksson</p>	<p><u>Panel #18</u> What next for Ocean Literacy Research: furthering the UN Ocean Decade's Ocean Literacy Research programme (Workshop) Chair: Emma McKinley;</p>	<p><u>Panel #19</u> Community knowledge, networks and trust in coastal governance Chair: Ida Wingren; Panelists: Sonia Sharan, Ida Wingren, Elina Apine</p>	<p>Panel #20 Historical shifts in fisheries and aquaculture Chair: Ståle Knudsen; Panelists: Ståle Knudsen, Victoria Ramenzoni, Iddrisu Amadu, Pascal Raux</p>	<p><u>Panel #21</u> What about seafood processing? A critical discussion on equity & justice issues associated with seafood processing labour within past, current & future North American blue economies (Round-table) Chairs: Christine Knott, Alejandro Garcia Lozano; Panelists: *</p>
	End of Day 1						

* Christine Knott, Alejandro Garcia Lozano, Marta Maldonado, Charlie Mather, Hillary Smith, Patricia Pinto da Silva

		Day Chair: Prof. Dr. Jahn Petter Johnsen (UiT)						Wednesday 28/06	
9:00 - 10:00	Keynote: Dr. Nireka Weeratunge (ICES) 'Oceans of uncertainty and wellbeing threats to coastal people in the Global South: Insights from Sri Lanka' (Location: A0.01)								
10:00 - 10:30	Coffee and tea break (REC A)								
10:30 - 12:00	REC A1.04	REC A1.05	REC A2.07	REC A2.06	REC A2.08	REC A2.09	REC A2.10	REC A2.11	
			<u>Panel #22</u> Small fish for whom? Expanding the contribution of small fish to the food and nutrition security of the world's poor (I) Chair: Maarten Bavinck; Panelists: Amalendu Jyotishi, Derek Johnson, Patricia Majiluf	<u>Panel #23</u> Uncovering ontologies and values in marine governance Chair: Elaine Azzopardi; Panelists: Elaine Azzopardi, Rebecca Borges, Maria Pafi, Elaine Mumford	<u>Panel #24</u> Trends in sustainable aquaculture governance (I) Chairs: Simon Bush, Hilde Toonen, Sake Kruk; Panelists: Stefan Partelow, Sake Kruk, Simon Bush, Henrice Jansen	<u>Panel #25</u> Future of maritime heritage management Chair: Dražen Cepić; Panelists: Fabio Carella, Faye Rose White, Muhammad Ashry Sallatu, Jean Eudes Beuret	<u>Panel #26</u> Crossing boundaries and blending perspectives in research and partnerships Chair: Makrita Tanayian Solitei; Panelists: Laura McAdam-Otto, Makrita Tanayian Solitei, Nathalie Steins, Kara Elizabeth Pellowe	<u>Panel #27</u> SSF Guidelines: making a difference for securing blue livelihoods (Roundtable) Chair: Mele Tauati; Panelists: Minister Tsimanaoraty Paubert Mahatante, Anthony Charles, Edward Allison, Elyse Mills	
12:00 - 13:00	Lunch (REC A)								
13:00 - 14:30	<u>Panel #28</u> Collective action problems in European Small-Scale Fisheries Governance (Roundtable) Chairs: Sebastian Linke, José J. Pascual-Fernández, Kristina Svets	<u>Panel #29</u> Assessing Impacts on Small-Scale Fisheries of the New Push for 'Other Effective Areabased Conservation Measures' (OECMs) (Brainstorming session/group discussion) Chair: Anthony Charles; Panelists: Anthony Charles, Hugh Govan, Amber Himes-Cornell	<u>Panel #30</u> Small fish for whom? Expanding the contribution of small fish to the food and nutrition security of the world's poor (II) Chair: Molly Ahern; Panelists: Ragnhild Overå, Jeppe Kolding, Benjamin Betey Campion	<u>Panel #31</u> Policy and action for sustainability: Thinking globally, acting locally Chair: Yvonne Kunz; Panelists: Serena Lucrezi, Jessica Fuller, Yvonne Kunz, Carla Gonzalez-Cruz	<u>Panel #32</u> Trends in sustainable aquaculture governance (II) Chairs: Simon Bush, Hilde Toonen, Sake Kruk; Panelists: Fatime Traore, Furqan Asif, Signe Sønvisen, Daniel Jensen	<u>Panel #33</u> Illuminating Hidden Harvests: the contributions of small-scale fisheries to sustainable development Chair:Eddie Allison; Panelists: Kafayat Fakoya, Maria del Mar Mancha-Cisneros, Lena Westlund	<u>Panel #34</u> Rethinking relationships between technology and knowledge production Chair: Max Willis; Panelists: Jacqueline Ashkin, Greta Adamo, Florence Ménez	<u>Panel #35</u> Science-society collaborations for sustainable development Chair: Patrick Christie; Panelists: Marjan Braun, Ellie Ford, Emilie Lindkvist, Patrick Christie	
14:30 - 15:00	Coffee and tea break (REC A)								
15:00 - 16:30	<u>Panel #36</u> Gender practices and violence in fishing Chair: Iselin Åsedotter Strønen; Panelists: Tara Lawrence, Adiska Octa Paramita, Iselin Åsedotter Strønen, Natalia Mora Alvarez	<u>Panel #37</u> Reflexive Marine Governance (I) (Presentation & Discussion) Chairs: Judith van Leeuwen, Jan van Tatenhove, Michelle Voyer, Marleen Schutter; Panelists: Wesley Flannery, Ben McAteer, Judith Van Leeuwen	<u>Panel #38</u> Small fish for whom? Roundtable for Rethinking and Redirecting the FMFO industry (III) Chair: Simon Bush; Panelists: Molly Ahern, Ben Belton, Natasha Hurley, Joeri Scholtens, Patrik Henriksson, Patricia Majluf	<u>Panel #39</u> Blue Fear and the Consequences for Coastal Governance of Coastal Communities: The role of civil society in reclaiming coastal livelihoods and identities Chairs: Tom Selwyn, Roger Steer, Julian Zarb; Panelists: Rachel Radmilli, Francesco Vietti, Angelos Loukakis, Senija Causevic	<u>Panel #40</u> Implications of management tools for fishers Chair: Svein Jentoft; Panelists: Cailey Dyer, Arınç Onat Kiliç, Michael Kriegl	<u>Panel #41</u> Enacting Blue Communities: Navigating Alternative Pathways for Just and Sustainable Marine Futures (I) Chair: Kevin St.Martin; Panelists: Borja Nogué Algueró, Divya Karnad, Dhruv Gangadharan	<u>Panel #42</u> Community-based and non-governmental approaches in small-scale fisheries governance Chair: Patrice Guillotreau; Panelists: Patrice Guillotreau, Indiana Reid-Shaw, Jana Katharina Stahl	<u>Panel #43</u> Ocean Defenders: A Roundtable Discussion Chair: Nathan Bennett; Panelists: Rocío López de la Lama, Philippe Le Billon, Paula Satizabal, Hugh Govan, Jesu Rethinam	





Wednesday 28/06

	REC A1.04	REC A1.05	REC A2.07	REC A2.06	REC A2.08	REC A2.09	REC A2.10	REC A2.11
16:30 - 17:00	Fruit break (REC A)							
17:00 - 18:30		<p><u>Panel #44</u> Reflexive Marine Governance (II) (Presentation & Discussion) Chairs: Judith van Leeuwen, Jan van Tatenhove, Michelle Voyer, Marleen Schutter; Panelists: Mariana Caldeira, Soli Levi, Hilde Toonen/Furqan Asif</p>	<p><u>Panel #45</u> SSF Stewardship: Environmental Leadership by Small-Scale Fishers (Participatory session) Chair: Anthony Charles; Resource people: Elyse Mills, Lena Westlund</p>	<p><u>Panel #46</u> Blue Fear and the Consequences for Coastal Governance of Coastal Communities: The role of civil society in reclaiming coastal livelihoods and identities Chairs: Tom Selwyn, Roger Steer, Julian Zarb; Panelists: Rachel Radmilli, Francesco Vietti, Angelos Loukakis, Senija Causevic</p>	<p><u>Panel #47</u> Values, identities and livelihoods in fishing Chair: Jose J. Pascual-Fernández; Panelists: Joshua Wambugu, Jose J. Pascual Fernández, Eva Anggraini</p>	<p><u>Panel #48</u> Enacting Blue Communities: Navigating Alternative Pathways for Just and Sustainable Marine Futures (II) Chair: Kevin St.Martin; Panelists: Hillary Smith, Liliana Solé Figueras, Kevin St. Martin, Robin Fail</p>	<p><u>Panel #49</u> Contested ocean and coastal spaces Chair: Nathan Bennett; Panelists: Klaas Willaert, Wengki Ariando, Nathan Bennett</p>	<p><u>Panel #50</u> Chasing away 'blue fear': The MarSocSciBookClub (Discussion and Book club event) Chair: Emma McKinley; Panelists: Ellie Ford, Nathalie Steins</p>
End of Day 2								

Kindly note: Participant names coloured in grey indicate remote virtual presenters

<div> <div>9:00 - 10:00</div> <div> Day Chair: Prof. Dr. Jan van Tatenhove (AAU) Keynote: Prof. Dr. Liam Campling (QMUL), 'Facing Blue Fear through Just Transition? Redistributing Value(s) and Wealth in the Appropriation of the Global Ocean' (Location: A0.01) </div> </div>								
<div> <div>10:00 - 10:30</div> <div>Coffee and tea break (REC A)</div> </div>								
<div> <div>10:30 - 12:00</div> </div>	<div> <div>REC A2.04</div> <div>Panel #51</div> <div>Heritage and Tourism</div> <div>Chair: Nataša Rogelja; Panelists: Sultan Kurnia,Wulan-dari Retnaningtiyas, Indah Susilowati</div> </div>	<div> <div>REC A2.05</div> <div>Panel #52</div> <div>Blaming the victims: criminalizations and illegalities in the context of blue growth</div> <div>Chair: Philippe Le Billon; Panelists: Philippe Le Billon, Paula Satizábal, Gina Noriega-Narvaez, Natasha Stacey, Jaime Ramon-Bruquetas</div> </div>	<div> <div>REC A2.06</div> <div>Panel #53</div> <div>Navigating Blue Fears in Norway</div> <div>Chairs: Mimi E. Lam and Laura Drivdal; Panelists: Laura Drivdal, Aiste Klimasauskaite, Mimi E. Lam, Svein Jentoft; Discussant / Panel Moderator</div> </div>	<div> <div>REC A2.07</div> <div>Panel #54</div> <div>Perspectives on ocean privatisation (I)</div> <div>Chair: Achim Schlüter; Panelists: Rapti Siriwardane, Khadidiatou Senghor, Jonas Hein, Maria Hadjimichael</div> </div>	<div> <div>REC A2.08</div> <div>Panel #55</div> <div>Ocean food systems and seafood localism (I)</div> <div>Chair: Kate Barclay; Panelists: Barry Antonio Costa-Pierce, Patrik Henriksson, Sharon Suri</div> </div>	<div> <div>REC A2.09</div> <div>Panel #56</div> <div>Overcoming hurdles in marine governance (I)</div> <div>Chair: Roger Pullin; Panelists: Tiffany Morrison, Riku Varjopuro, Roger Pullin</div> </div>	<div> <div>REC A2.10</div> <div>Panel #57</div> <div>Building knowledge through assessment for sustainable coastal livelihoods and food security (I)</div> <div>Chair: Aphiwe Moshani; Panelists: Chandima Ramyakanthi, Rachel Kelly, Luis Outeiro, Aphiwe Moshani</div> </div>	<div> <div>REC A1.04</div> <div>Panel #58</div> <div>Climate change, adaptation and small-scale fisheries</div> <div>Chair: Maarten Bavinck; Panelists: María Fernanda Morales Camacho, Oluwakemi Dada, Xochitl Edua Elias Ilosvay, Dylan Seidler</div> </div>
<div> <div>12:00 - 13:00</div> <div>Lunch (REC A)</div> </div>								
<div> <div>13:00 - 14:30</div> </div>	<div> <div>Panel #59</div> <div>Governing Offshore Energy</div> <div>Chair: Carol-Atkinson Palombo; Panelists: Irit Ittner, Merdeka Saputra, Sun Cole Seeberg Dyremose, Nathaniel Trumbull</div> </div>	<div> <div>Panel #60</div> <div>Living in the face of blue fear: artisanal fishers and their discontents (I)</div> <div>Chair: Cornelia Nauen; Panelists: Victor Manuel Velazquez Duran, Cornelia Nauen, Sophia Kochalski</div> </div>	<div> <div>Panel #61</div> <div>Methods for equity and inclusiveness in ocean conflict studies and management: Lessons from the field (I)</div> <div>Chair: Marion Glaser; Panelists: Lol Dahlet, Bjorn Eriksson, Ron Vave</div> </div>	<div> <div>Panel #62</div> <div>Perspectives on ocean privatisation (II)</div> <div>Chair: Maarten Bavinck; Panelists: Anthony Charles, Prabhakar Jayaprakash, Charles Mather, Carlo Ceglia</div> </div>	<div> <div>Panel #63</div> <div>Ocean food systems and seafood localism (II)</div> <div>Chair: Kate Barclay; Panelists: Kate Barclay, Sahir Advani, Sophie Standen</div> </div>	<div> <div>Panel #64</div> <div>Overcoming hurdles in marine governance (II)</div> <div>Chair: Roger Pullin; Panelists: Prateep Kumar Nayak, Paul Dunshirn, Ifesinachi Okafor-Yarwood</div> </div>	<div> <div>Panel #65</div> <div>Building knowledge through assessment for sustainable coastal livelihoods and food security (II)</div> <div>Chair: Marloes Kraan; Panelists: Juan Lechuga Sanchez, Krishanthan Gnanapragasam, Marloes Kraan, Emilie Lindkvist</div> </div>	<div> <div>Panel #66</div> <div>Trade offs in governing for Marine Protected Areas</div> <div>PC: Margherita Pieraccini; Panelists: Margherita Pieraccini, Anemoon Soete, Chelsea Beardsley, Wiebke Homes</div> </div>
<div> <div>14:30 - 15:00</div> <div>Coffee and tea break (REC A)</div> </div>								
<div> <div>15:00 - 16:30</div> </div>		<div> <div>Panel #67</div> <div>Living in the face of blue fear: artisanal fishers and their discontents (II)</div> <div>Chair: Cornelia Nauen; Panelists: Michael Kodzo Mensah, Andrea Steiner, Gummadri Sridevi</div> </div>	<div> <div>Panel #68</div> <div>Methods for equity and inclusiveness in ocean conflict studies and management: Lessons from the field (II)</div> <div>Chair: Marion Glaser; Panelists: Marion Glaser, Das Jewel, Leopoldo Gerdardinger</div> </div>	<div> <div>Panel #69</div> <div>Discussing fears towards ocean privatisation (Roundtable) (III)</div> <div>Chair: Kimberley Peters (tbc); Panelists: Liam Campling, Charles Mather (tbc), Maria Hadjimichael (tbc), Jonas Hein (tbc)</div> </div>	<div> <div>Panel #70</div> <div>Relational values and management of Marine Ecosystem: Perspective from Asia</div> <div>Chair: Hiroe Ishihara; Panelists: Hiroe Ishihara, Mayumi Fukunaga, Chiho Ochiai</div> </div>	<div> <div>Panel #71</div> <div>Dismantling ocean inequity through governance</div> <div>Chairs: Alejandro Garcia Lozano & Grant Blume; Panelists: Grant Blume, Marleen Schutter, Mathieu Colléter, Veerle Boekstijn, Annet Pauwelussen</div> </div>	<div> <div>Panel #72</div> <div>Building knowledge through assessment for sustainable coastal livelihoods and food security (III)</div> <div>Chair: Keshav Prasad Paudel; Panelists: Keshav Prasad Paudel,Clara Obregón, Jeewanthi Dissanayake</div> </div>	<div> <div>Panel #73</div> <div>Blue Justice for whom? The role of National Fisheries Management agencies in addressing blue appropriation and equitable access to ocean resources (Discussion)</div> <div>Chairs: Sarah Wise & Danika Kleiber; Panelists:Nathan Bennett, Sarah Harper, Danika Kleiber, Sarah Wise</div> </div>
<div> <div>18:30 - 22:30</div> <div>Conference dinner (Location: Dominicus Church)</div> </div>								
<div> <div>End of Day 3</div> </div>								

Thursday

29/06

Friday

30/06

9:30 - 11:00	<div>REC A1.02</div> <div>Free diving session</div>	<div>REC A2.07</div> <div>Free diving session</div>	<div>REC A2.09</div> <div>Panel #74</div> <div>Labour issues in Fisheries Governance</div> <div>Chair: Peter Vandergeest;</div> <div>Panelists: Alin Kadfak, Nuria Jiménez García, Peter Vandergeest</div>	<div>REC A2.11</div> <div>Panel #75</div> <div>Supporting an enabling environment for sustainable coastal fisheries: experiences of the FAO-GEF Coastal Fisheries Initiative (Workshop + Pecha kucha)</div> <div>Chair: Lena Westlund;</div> <div>Panelists: Fatou Sock, Lena Westlund, Miguel Maldonado, Katya Neves</div>	<div>REC A2.06</div> <div>Panel #76</div> <div>Fighting for blue justice: rights, resistance</div> <div>Chair: Methembe Mdlalose;</div> <div>Panelists: Li-Chuan Liu Huang, Methembe Mdlalose, Catalina Garcia</div>	<div>REC A2.10</div> <div>Panel #77</div> <div>Essential transitions in the Blue Economy</div> <div>Chair: Jessica Vandenberg;</div> <div>Panelists: Karen Alexander, Freya Croft, Jessica Vandenberg</div>	<div>REC A1.04</div> <div>Free diving session</div>	<div>REC A1.04</div> <div>Free diving session</div>
11:00 - 11:30	Coffee and tea break (REC A)							
11:30 - 13:00	<div>Concluding Plenary (Location: C1.03) - Day Chair : Dr. Marloes Kraan (WUR)</div> <div>Blue fear and the future; what role for marine social sciences research? (Discussion: 2 rounds)</div> <div>Chairs: Kristen Ounanian, Maria Fujitani, Judith van Leeuwen; Panelists: Nitya Rao, Wesley Flannery, Robertina Sebjanic,(tbc)</div>							
13:00 - 13:10	Musical Performance: Robertina Sebjanic (Slovenia) 'Atlantic Tales'							
13:10 - 13:15	Concluding remarks							
13:15 - 14:00	Lunch (REC A)							
	End of Day 4							

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