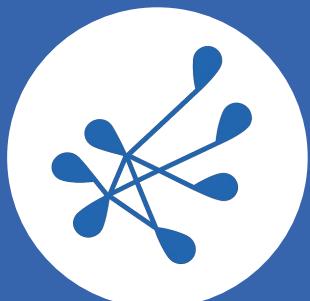


# NORDIC CLIMATE CHANGE FORUM 2026

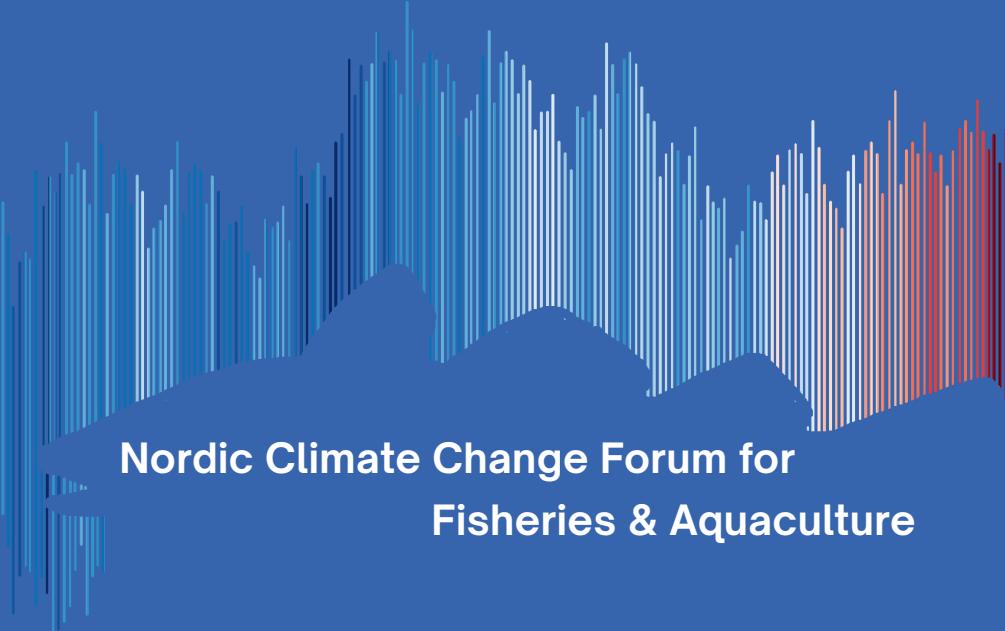


**Nordic Climate Change Forum for  
Fisheries & Aquaculture**

**PRESENTED BY  
THE NORDIC MARINE THINK TANK**



**THURSDAY, JANUARY 29  
Elite Hotel Marina Plaza, Helsingborg (Sweden)**



**Nordic Climate Change Forum for  
Fisheries & Aquaculture**

# NCCF 26

## PROGRAM SCHEDULE

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Registration	09:30 - 10:00
Welcome & Opening Keynote	10:00 - 10:30
Session 1	10:30 - 12:15
Lunch & Networking	12:15 - 13:15
Session 2	13:15 - 15:00
Coffee break & Networking	15:00 - 15:30
Session 3	15:30 - 17:15
Summing up and Good-Bye	17:15 - 17:30

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If you have any questions or feedback, please mail  
us at [nmtt.secretariat@gmail.com](mailto:nmtt.secretariat@gmail.com)  
Thank you!



9:30 - 10:00

*Registration and Coffee*

10:00 - 10:30

*Welcome and Opening Keynote***10:00 - 10:10  
WELCOME***Dorothy Dankel - SINTEF & NMTT Chair (Norway)*

The NMTT Chair will welcome participants to the Nordic Climate Change Forum 2026 and outline the objectives of the day.

**10:10 - 10:30  
CLIMATE CHANGE IN THE ARCTIC: IMPACTS ON GREENLANDIC CULTURE, LIVELIHOODS, AND FISHERIES MANAGEMENT***Katrine Kærgaard - Head of the Fisheries Division in the Ministry of Fisheries, Hunting, Agriculture and Self-sufficiency (Greenland)*

The Arctic experience the impacts of climate change faster than most places. This creates challenges and opportunities but also dilemmas as climate change impacts the Greenlandic culture and way of life, affecting people's ability to sustain themselves. It makes it more challenging to adapt management measures, sharing arrangements and create stable framework conditions for the fishing industry. Even though, some of Greenland's challenges with climate change is unique, some are also similar to the rest of the North Atlantic and therefore, international collaboration is essential in mitigating impacts of climate change.

**SESSION 1**  
**10:30 - 12:15*****The Market - Future for European Fisheries Market***  
***Moderated by Carl-Christian Schmidt***

This session explores key challenges and opportunities in the European and Nordic fisheries market, including trade instability, supply chain disruptions, rising energy costs, climate change, and geopolitical tensions. It also presents a forward-looking study on the future of European fisheries and concludes with a Swedish case study on crisis preparedness and securing seafood supply chains.

**10:30 - 10:35****SETTING THE SCENE - CARL-CHRISTIAN SCHMIDT****10:35 - 10:55****EU SEAFOOD SUPPLY SYNOPSIS 2025 - CHALLENGES FOR THE SEAFOOD MARKET***Guus Pastoor - President of Seafood Europe (Netherlands)*

Every year Seafood Europe performs an in depth analysis of the seafood trade flows and trends. The EU is far from self sufficient and this implies that issues regarding e.g. geopolitical developments, state of fish stocks, fisheries management and climate change can impact the availability of seafood on the EU market.

Guus Pastoor will present the latest Seafood Europe study and add some comments on a number of the mentioned issues.

**10:55 - 11:15****EUROPEAN FISHERIES IN 2050***Macarena Davies - Project Manager, Fishers of the Future study, Tetra Tech (Belgium)*

This presentation introduces the Fishers of the Future Foresight Study (2023-2025), the first EU-wide foresight exercise on fisheries. It presents four future scenarios for European fisheries toward 2050, based on the severity of the planetary crisis and consumer demand for EU-caught fish. The scenarios highlight key market risks and opportunities and illustrate how foresight can support decision-making in European fisheries markets.

**11:15 - 11:35****MAPPING SEAFOOD SUPPLY CHAINS FOR CRISIS PREPAREDNESS***Cecilia Hammarlund - Policy officer, AgriFood Economics Centre (Sweden)*

In recent years, crisis preparedness has become an increasingly important issue in Europe, highlighting the need to map food supply chains, including those for seafood. We have refined Swedish trade statistics to track which imported and exported seafood products are processed and consumed domestically, and we are also estimating the total amount of seafood available in Sweden. This provides a basis for exploring how much seafood might be available if trade were to be restricted.

**11:35 - 12:15****PLENARY DISCUSSION**



12:15 - 13:15

**Lunch & Networking****SESSION 2**  
**13:15 - 15:00****The Aquaculture - Social Acceptability**  
**Moderated by Hildur Hauksdóttir**

This session explores social legitimacy, history, and responsibility in aquaculture. Presentations examine Norwegian salmon farming, the Kvarøy salmon case and the historical & community context of Bolungarvik in Iceland, highlighting how sustainability, trust, and ethical practices shape public acceptance and industry decision-making. Together, they offer insights into how aquaculture interacts with society, communities, and governance.

**13:15 - 13:20****SETTING THE SCENE - HILDUR HAUKSDÓTTIR****13:20 - 13:40****ETHICS AND THE SOCIAL LEGITIMACY MATRIX - THE CASE OF NORWEGIAN SALMON FARMING**

*Siri Granum Carson - Professor of Applied Ethics, Norwegian University of Science and Technology (Norway)*

In this presentation the Norwegian context is taken as a starting point to examine the social legitimacy of aquaculture, with particular focus on salmon farming. It is argued that social legitimacy depends on the ability of industry actors to balance sustainability, responsibility, and trust in their interactions with society.

**13:40 - 14:00****KVARØY SALMON - A CASE OF RISK AND RESPONSIBILITY**

*Anne-Kristine Øen - Chief Strategy and Development Officer, Kvarøy Fiskeoppdrett (Norway)*

The presentation focuses on how regeneration and sustainability has been “top of mind” for the development of Kvarøy salmon over the past 50 years.

It shows how responsible thinking and the willingness to take financial risk has led to a successful partnership with retailers and food service companies, particularly in the US companies that are determined to put sustainability first. Strict government regimes, development within technology and fish medicine plus a close partnership with a feed producer are important factors that have all contributed to the success.

**14:00 - 14:20****THE RISE AND FALL, AND BACK AGAIN. THE ROLE OF AQUACULTURE IN THE ECONOMIC HISTORY OF BOLUNGARVIK**

*Jón Páll Hreinsson - Mayor of Bolungarvík (Iceland)*

The aim of this presentation is to describe the economic history of Bolungarvík as a fishing village in Iceland and how modern aquaculture fits into that story. The social acceptability of aquaculture is closely related to this historical fit, which in turn has influenced decision-making within the community. This account is also personal, as the presenter was born and raised in the area and has been involved in public policy-making for the past two decades.

**14:20 - 15:00****PLENARY DISCUSSION**



15:00 - 15:30

*Coffee Break & Networking***SESSION 3**  
**15:30 - 17:15*****The Sea - State of the Nordic Fisheries***  
***Moderated by Dorothy Jane Dankel***

This session examines the future of the Nordic ocean economy from strategic, scientific, and practical perspectives. It presents key insights from the Nordic Oceans 2050 report, explores the role of the ocean carbon cycle and fisheries in climate mitigation, and highlights concrete solutions to reduce fuel use and emissions in pelagic fisheries based on the EU-funded MeCCAM project. Together, the presentations show how policy, science, and innovation can support a more sustainable and resilient blue economy.

**15:30 - 15:35**  
**SETTING THE SCENE - DOROTHY JANE DANKEL****15:35 - 15:55**  
**THE ROAD TO 2050: WHAT'S NEXT FOR THE NORDIC BLUE ECONOMY?***Holly Ann Perryman - Det Norske Veritas group (DNV) (Norway)*

This presentation summarizes the key messages from the Nordic Oceans 2050 report regarding future scenarios for the Nordic ocean economy. The report presents a data-driven and multi-sectoral analysis examining where the Nordic blue economy is and the plausible pathways to 2050. It serves as a basis for informed decisions that increase the chances for growth to be sustainable and pinpoints particular strengths, problems, and opportunities that can be addressed through Nordic cooperation.

**15:55 - 16:15**  
**THE BIOLOGICAL CARBON PUMP: FISHERIES, BLUE CARBON AND CLIMATE***Andre Visser - Professor DTU Aqua (Denmark)*

The ocean carbon cycle, including the biological carbon pump (BCP), is a key component of Earth's climate system but is being altered by anthropogenic activities such as greenhouse gas emissions and industrial-scale fisheries. This presentation reviews the BCP, its pathways and reservoirs, and its projected state by the end of the 21st century. Fish play a surprisingly large role, with over 40% of BCP carbon (often called blue carbon) passing through fish before being sequestered in the deep ocean. The role of fisheries policies is also discussed, both for sustaining fisheries and for their potential contribution to climate mitigation through carbon management.

**16:15 - 16:35**  
**CLIMATE CHANGE MITIGATION AND ADAPTATION IN PELAGIC FISHERIES***Unn Laksá - CEO of Sjókvin, Blue Resource (Faroe islands)*

Pelagic fish products are among the healthiest and most climate-friendly foods, yet fuel use remains a major source of cost and emissions. This presentation introduces the EU-funded MeCCAM project and outlines solutions to reduce fuel consumption and improve sustainability across the pelagic value chain. Drawing on results from the Faroe Islands, it highlights current fuel use and explores technological, operational, and collaborative approaches to strengthen efficiency and long-term resilience in pelagic fisheries.

**16:35 - 17:15**  
**PLENARY DISCUSSION**



17:15 - 17:30

*Summing up and Good-Bye*

In this closing session the NMTT Chair Dorothy Dankel and the panel speaker Katrine Kærgaard will bring together the key insights from the day, reflecting on the main messages, emerging themes, and future directions discussed across sessions. It also offers an opportunity to thank speakers and participants for their contributions and to conclude the Nordic Climate Change Forum 2026.





## ***Keynote Speaker Background***

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### **KATRINE KÆRGAARD - HEAD OF THE FISHERIES DIVISION IN THE MINISTRY OF FISHERIES, HUNTING, AGRICULTURE AND SELF-SUFFICIENCY (GREENLAND)**

Katrine Kærgaard is the Head of the Fisheries Division and Deputy Permanent Secretary in the Ministry of Fisheries, Hunting, Agriculture and Self-Sufficiency - Government of Greenland. She leads strategic initiatives in fisheries management, policy implementation, and international collaboration. With a strong focus on people management, stakeholder engagement, and transparent governance, she builds partnerships across industry, science, and international organizations, fostering sustainable and practical solutions.

Katrine Kærgaard has played a key role in major agreements and initiatives, including the Fisheries Protocol 2025–2030 with the EU, a Memorandum of Understanding with the UK and Nunavut enhancing fisheries relations, sharing arrangements on golden redfish with Iceland and capelin with Iceland and Norway, and establishing improved licensing, permit, and grant administration in Greenland. She also serves as the first Greenland Chair of the West Greenland Commission in the North Atlantic Salmon Conservation Organization (NASCO), demonstrating a strong record in negotiation, policy, and international leadership.



## Session 1 - Speaker Background



### **GUUS PASTOOR - PRESIDENT SEAFOOD EUROPE (NETHERLANDS)**

Guus Pastoor is a leading figure in the European seafood sector with over two decades of experience in advocacy, market organization and industry policy. Since 2010, he has been the President of Seafood Europe (EU Fish Processors Federation). He also holds numerous senior positions, including Chairman of the Board of Visfederatie and the Shrimp Interbranch Organization.

As Vice Chair of the Dutch Fish Marketing Board and the Dutch Fish Importers Association, and as Chairperson of the North Sea Advisory Committee General Assembly, he is closely involved in shaping European fisheries, trade and sustainability policy. His work is characterized by close cooperation with EU institutions, industry and stakeholders along the entire value chain.



### **MACARENA DAVIES - PROJECT MANAGER, FISHERS OF THE FUTURE STUDY, TETRA TECH (BELGIUM)**

Macarena Davies is an independent senior evaluation and policy expert with over 20 years of professional experience, including more than 15 years managing EU-funded studies and evaluations. She has strong expertise in fisheries and aquaculture policy, foresight and strategic analysis, and the socio-economic dimensions of maritime sectors, with a proven track record of delivering complex, multi-country assignments for the European Commission.

On behalf of Tetra Tech, Macarena has served as Project Manager for major Commission studies, including the Foresight Study on Fishers of the Future and ongoing work on traceability systems for fisheries and aquaculture products, commissioned by CINEA and DG MARE. She has also led and contributed to numerous fisheries- and maritime-related studies, covering topics such as women in fisheries, fisheries statistics, and the social aspects of maritime transport.



### **CECILIA HAMMARLUND - POLICY OFFICER, AGRIFOOD ECONOMICS CENTRE (SWEDEN)**

Cecilia Hammarlund holds a PhD in Economics and is currently affiliated with the AgriFood Economics Centre at Lund University, Sweden. Her research focuses on marine resource economics, and she has published in several academic journals within this field. She has also produced extensive work aimed at policymakers and a wider audience, primarily focused on Sweden. Recent projects include analyses of Swedish trade in aquatic products, crisis support for Swedish fishermen, and the collection of price information within a system of transferable fishery quotas. Currently, she is involved in two collaborative projects with Nordic partners, funded by the Nordic Council, which focus on mapping the aquatic food system in Nordic countries and assessing greenhouse gas emissions from the aquatic sector.

## Session 2 - Speaker Background



### **SIRI GRANUM CARSON - PROFESSOR OF APPLIED ETHICS, NORWEGIAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (NORWAY)**

Siri Granum Carson is a Professor of Applied Ethics at the Norwegian University of Science and Technology (NTNU) and the co-chair of EOREA, the European Ocean Research and Education Alliance. With a background in philosophy, her research focuses on corporate social responsibility and the role of business in a globalized economy, particularly in the Nordic context. Having taught research, business, and professional ethics across disciplines and organizational levels at NTNU for more than a decade, Siri Granum Carson is strongly committed to cross-disciplinary and cross-sector collaboration. As Director of NTNU Oceans (2020-2024) and chair of the national committee for the UN Ocean Decade in Norway (2021-2025), her project has been to promote transformative ocean research and innovation.



### **ANNE-KRISTINE ØEN - CHIEF STRATEGY AND DEVELOPMENT OFFICER, KVARØY FISKEOPPDRETT (NORWAY)**

Anne-Kristine Øen is Chief Strategy and Development Officer at Kvarøy Salmon, a third generation, family-owned salmon farmer located right smack on the Arctic circle in Norway. Anne recently took up that position after returning from a five-year tenure in Boston, USA as Director for the Norwegian Seafood Council in America.

In her previous roles Anne has been CEO of the Salmon Group and of the organization Maritime Bergen. Her whole career has been focused on ocean industries. Anne has broad communications and management experience from global shipping and -fish farming industries, having also worked for listed companies such as Odfjell, Grieg and Marine Harvest.



### **JÓN PÁLL HREINSSON - MAYOR OF BOLUNGARVÍK (ICELAND)**

Jón Páll Hreinsson is the Mayor of Bolungarvík a small community on the north, west coast of Iceland with a strong background in fishing and seafood. With experience across both public leadership and the private sector, Jón Páll Hreinsson has worked with a wide range of people and companies, bringing a practical and collaborative approach to governance. Prior to his role as mayor, he worked as Marketing Manager at Einarsson Fly Fishing, where he led brand strategy development and marketing and sales efforts for a high-quality fly-fishing reel produced in Ísafjörður. His background combines municipal leadership with hands-on experience in branding, business development, and local industry.

## Session 3 - Speaker Background



### **HOLLY ANN PERRYMAN - DET NORSKE VERITAS (DNV) (NORWAY)**

Holly Ann Perryman is a marine ecosystems and biodiversity researcher at DNV, where she works on applied research related to marine ecosystem modelling and data analysis. Her background combines academic research and applied science, including recent work as a Groundfish Data Compilation and Modeling Scientist at Ocean Associates, Inc., as well as postdoctoral research positions at the Institute of Marine Research (Norway), the University of South Florida, and the University of Miami.

With experience across Europe and the United States, Holly Perryman brings strong expertise in marine biodiversity, ecosystem dynamics, and quantitative data analysis, bridging science and decision-making in marine and ocean management.



### **ANDRE VISSER - PROFESSOR DANISH TECHNICAL UNIVERSITY (DTU) AQUA (DENMARK)**

Andre Visser is a Professor of Physical Oceanography at DTU Aqua and an internationally recognized expert in shelf sea dynamics and high-latitude ocean systems. He holds an M.Sc. in Physics from Victoria University of Wellington, a Ph.D. in Coastal Oceanography from State University of New York at Stony Brook, and a Doctor Technices degree from the Technical University of Denmark. Andre Visser has held academic and research positions in Mexico and the Netherlands and served for many years as a Senior Scientist at the Danish Institute for Fisheries Research (DFIRES) before becoming professor in 2011. His research focuses on ocean turbulence, small-scale biophysical processes, and their influence on marine ecosystems, including trait-based ecological modelling and the ocean biological carbon pump.



### **UNN LAKSÁ - CEO OF SJÓKOVIN, BLUE RESOURCE (FAROE ISLANDS)**

Unn Laksá is the initiator and CEO of Sjókovin, an independent research centre supporting sustainable development and innovation and strengthening evidence-based decision-making in the seafood sector. She holds a PhD in Political Science from the University of Liverpool and has extensive experience in international research collaboration on marine sustainability, climate policy, and resource management. As CEO, she leads a multidisciplinary team working on ocean governance and sustainable fisheries and aquaculture. Unn Laksá currently coordinates the Horizon Europe MeCCAM project on greenhouse gas reduction and climate adaptation in European fisheries. She also leads the national SmartFisk project on fuel efficiency in fisheries. Her work bridges policy, science, and innovation to support a sustainable blue bio-economy.



## Moderator Background



### **DOROTHY JANE DANKEL - NMTT CHAIR AND SENIOR RESEARCH SCIENTIST AT SINTEF OCEAN (NORWAY)**

Dorothy Jane Dankel is a Senior Research Scientist at SINTEF Ocean and adjunct Associate Professor at the University of Bergen, working at the intersection of marine science, policy, and society. Her expertise includes Responsible Research and Innovation, ecosystem and population modelling, ocean management, and co-existence between offshore wind, fisheries, and aquaculture, as well as the ethical, legal, and social aspects of emerging ocean technologies.

She is Chair of the Nordic Marine Think Tank, Principal Investigator of the #LoVeSeSDG project, and played a key role in developing the ICES Working Group on Marine Systems (WGMARS). Her work focuses on advancing interdisciplinary collaboration and sustainable ocean solutions.



### **CARL-CHRISTIAN SCHMIDT - NMTT VICE CHAIR (DENMARK, FRANCE)**

Carl-Christian Schmidt is an international expert in marine and fisheries policy with over 35 years of experience in global fisheries governance and the economics of renewable natural resources. He is the Deputy Chair of the Nordic Marine Think Tank and previously held senior leadership roles at the OECD, including Head of the Fisheries Policies Division (2001-2015), where he led policy work on fisheries and aquaculture certification, IUU fishing, blue economy, green growth, and ocean governance.

Carl-Christian Schmidt has represented the OECD in numerous international fora, including the FAO, WTO, regional fisheries management organizations, and NGOs, and is known for strong experience in multicultural negotiation and stakeholder engagement. Earlier in his career, he contributed to the establishment of the Marine Stewardship Council (MSC) as Project Manager. He also is the Deputy Chair of the Nordic Marine Think Tank.



### **HILDUR HAUKSDÓTTIR - NMTT BOARD MEMBER AND SUSTAINABILITY SPECIALIST AT FISHERIES ICELAND (ICELAND)**

Hildur Hauksdóttir is a Sustainability Specialist at Fisheries Iceland, where she works on advancing sustainability policy for the fishing industry, including greenhouse gas reduction, carbon footprinting, energy transition in fishing vessels, and sustainability reporting. She is actively involved in national initiatives such as the climate partnership between the Icelandic government and the fishing industry, and contributes to projects related to extended producer responsibility for fishing gear, ISO and IMO frameworks, and environmental standards.

Hildur also serves on several boards, including as Investment Council Member of Haf Investments (seafood sector investment fund), Vice Chair of the Icelandic Recycling Fund, and board member of Icelandic Standards and the Nordic Marine Think Tank.