

2nd JPI Oceans Conference

26 October 2017

Pavilhão do Conhecimento

Largo José Mariano Gago

Parque das Nações

1990-223 Lisboa



The Joint Programming Initiative Healthy and Productive Seas and Oceans (JPI Oceans) is a coordinating platform, open to all EU Member States and Associated Countries.

Vision: Enabling Blue Growth and jobs whilst fostering the health and productivity of seas and oceans and addressing the pressures posed by climate change and human impacts.

Mission: Providing a strategic policy platform for a long-term European approach to marine and maritime research and technology development. JPI Oceans adds to the value and impact of national research and innovation investments by implementing joint actions and aligning national priorities. These outcomes will help develop effective policies with robust and independent scientific evidence, helping underpin the ocean-based economy.

The 2nd JPI Oceans Conference

The 2nd JPI Oceans conference will present the first results of the actions and projects initiated under the framework of JPI Oceans and will provide an excellent opportunity for stakeholders from research and industry to network and discuss with policy makers from across Europe.

Partners involved in the JPI Oceans joint actions will discuss the outcomes, opportunities and future outlooks of their activities. The event will further highlight the international cooperation of JPI Oceans beyond Europe and results of CSA Oceans 2, the Horizon 2020 Support Action aimed to support the JPI.

Programme

25 October

16:30-18:30

Visit Lisbon Oceanarium

18:30-20:00

Reception - Lisbon Oceanarium

26 October

09:00-09:30

Registration and coffee

09:30-09:40

Welcome and introduction

- Caron Montgomery, Chair JPI Oceans Management Board (2014-2017)
- Jacky Wood, Acting Executive Director JPI Oceans secretariat

09:40-10:10

Opening session

- João Aguiar Machado, Director-General, European Commission, DG MARE
- Ricardo Serrão Santos, Member of the European Parliament

10:10-10:15

Film Ocean Azul Foundation

10:15-11:15

Session I: Joint actions JPI Oceans - Achievements & impact

Session chair: Kathrine Angell-Hansen, Strategic Director, JPI Oceans secretariat

- Ecological aspects of deep sea mining
 1. MiningImpact project
Matthias Haeckel, GEOMAR Helmholtz Centre for Ocean Research Kiel, Coordinator MiningImpact
 2. Future activities
Ulrich Wolf, Senior Officer, Project Management Jülich, Germany - CSA Oceans 2
- Munitions in the Sea
Emilio Campana, Management Board JPI Oceans - Head of the Engineering Department, National Research Council, Italy
- Marine calibration network
George Petihakis, Associate Researcher, Institute of Oceanography of the Hellenic Centre of Marine Research, Greece
- MarTERA ERA-NET Cofund on marine and maritime technologies
Filiz Aslan, Project Management Jülich, Germany - Coordinator MarTERA
- ERA-NET Cofund on blue bio-economy
Kristin Thorud, Management Board JPI Oceans, Research Council of Norway
- Q&A

11:15-11:45

Coffee break

11:45-12:45

Session II: Joint actions JPI Oceans -Achievements & impact

Session chair: Sofia Cordeiro, Management Board JPI Oceans - Fundação para a Ciência e a Tecnologia (FCT)

- Ecological aspects of microplastics:
 1. BASEMAN project
Gunnar Gerdt, Alfred-Wegener-Institute, Coordinator BASEMAN
 2. WEATHER-MIC project
Annika Jahnke, UFZ Leipzig, Coordinator WEATHER-MIC
 3. PLASTOX project
Andy Booth, SINTEF, Coordinator PLASTOX
 4. EPHEMARE project
Ricardo Beiras, University of Vigo, Coordinator EPHEMARE
- Intercalibration for the EU Water Framework Directive
Wendy Bonne, Science-Policy Officer, DG Environment, Marine Environment Service, Belgium
- Food and nutrition security
Kristin Thorud, Management Board JPI Oceans - Research Council of Norway
- Q&A

12:45-13:45

Lunch

13:45-14:30

Pitch presentations Marine and Maritime ERA-NETs - BONUS - Bluemed

Chair: David Cox, Programme Manager, Federal Science Policy, Belgium

- BONUS, *Kaisa Kononen, Executive Director, BONUS*
- COFASP ERA-NET, *Dennis Lisbjerg Head of Maritime Service, DTU Aqua, Denmark*
- Marine Biotechnology ERA-NET, *Steinar Bergseth, Coordinator MarineBiotech*
- BiodivERsA ERA-NET, *Hilde Eggermont Vice-Chair BiodivERsA ERA-NET*
- BLUEMED, *Fabio Trincardi, Coordinator, BLUEMED CSA*
- MARTEC II ERA-NET, *Filiz Aslan, Project Management Jülich, Germany*

14:30-15:40

PARALLEL SESSION I	PARALLEL SESSION II	PARALLEL SESSION III	PARALLEL SESSION IV
<p>Looking beyond Europe: International cooperation in research funding</p> <p><i>Chair: Gilles Lericolais, Management Board JPI Oceans - Director of European and International Affairs, Ifremer, France</i></p> <p><i>Terry Schaefer, NOAA Research International Activities Office</i></p> <p><i>Caron Montgomery, Management Board JPI Oceans - Head of Marine and Fisheries Science, Department for Environment, Food & Rural Affairs (DEFRA), UK</i></p> <p><i>Lisa Almesjö, Management Board JPI Oceans - Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning</i></p> <p><i>Anne Christine Brusendorff, General Secretary, ICES</i></p>	<p>Beyond dissemination: Creating impact with marine science communication</p> <p><i>Chair: Niall McDonough, Management Board JPI Oceans - Director of Policy Innovation and Research Support Services, Marine Institute, Ireland</i></p> <p><i>Ana Noronha, Executive Director, Ciência Viva</i></p> <p><i>Francesca Santoro, Programme specialist, UNESCO- IOC</i></p> <p><i>Raquel Costa, Directorate of Ocean Policy, Ministry of the Sea, Portugal</i></p>	<p>Open science clinic: An introduction to terms and operation of Open Access and Open Data</p> <p><i>Chair: Gert Verreet, Management Board JPI Oceans - Policy Officer, Flanders Department of Economy, Science and Innovation</i></p> <p><i>Jan-Bart Calewaert, Head, EMODnet secretariat</i></p> <p><i>Sigi Gruber, Head, Marine Resources, Bioeconomy Directorate, DG R&I, European Commission</i></p> <p><i>Ivo Grigorov, FOSTER+</i></p> <p><i>Stéphane Pesant, OpenAIRE CONNECT</i></p>	<p>Harnessing the potential of innovative technologies for the maritime sector</p> <p><i>Chair: Ulrich Wolf, Senior Officer, Project Management Jülich, Germany - CSA Oceans 2</i></p> <p><i>Winfried Keiper, General Secretary, EuMaT</i></p> <p><i>Antonio Pascoal, EuRobotics TP - Dynamical Systems and Ocean Robotics Lab, Institute for Systems and Robotics</i></p> <p><i>Christine Valentin, COO, World Ocean Council</i></p> <p><i>Tom Remy, WindEurope</i></p> <p><i>Miguel Castrillo, European Technology Platform for High Performance Computing</i></p>

15:40-16:00

Coffee break

16:00-17:00

High level panel session - Mission Ocean

Chair: Peter Haugan, Chair, Intergovernmental Oceanographic Commission of UNESCO

- *Eric Karsenti, Scientific Director, Tara Oceans expedition*
- *Lisandro Benedetti-Cecchi, Vice Rector European and international research, University of Pisa*
- *Ingrid Schjølberg, Vice Dean Research and Innovation - Director NTNU Oceans*

17:00-17:30

Closing session

- *Manuel Heitor, Minister of Science, Technology and Higher Education, Portugal*
- *Ana Paula Vitorino, Minister of the Sea, Portugal*
- *Sigi Gruber, Head, Marine Resources, Bioeconomy Directorate, DG R&I, European Commission*
- **Future outlooks and opportunities for JPI Oceans**
Chair JPI Oceans Management Board



The CSA Oceans 2 project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 696324

Speakers



Lisa Almesjö

The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning, Formas

Lisa Almesjö is International Coordinator at the Swedish Research Council Formas, with responsibility for the Council's international affairs. She is representing Formas in Belmont Forum and working e.g. with South East Asia and several European collaborations. Prior to this, she was Senior Research Officer at Formas with focus on marine and aquatic issues including e.g. the Article-185 programme BONUS and Joint Programming initiatives Ocean and Climate. Lisa holds a PhD in Marine Ecology (Stockholm University) and a degree in Biology and Earth Sciences.



Kathrine Angell-Hansen

JPI Oceans secretariat

Kathrine Angell-Hansen as of August 2017 holds the position as Strategy Director of JPI Oceans, after holding the position as a Director of JPI Oceans secretariat since 2010. She is seconded to the secretariat by Norway and holds a position as a Deputy Director General in the Norwegian Ministry of Trade, Industry and Fisheries.

Kathrine was seconded as a national expert on research to the European Commission task force in DG MARE developing the EU integrated maritime policy. Prior to her position in the Ministry in Norway she worked as a Deputy Director in the Research Council of Norway.

Kathrine has worked for 10 years in the private sector in Norway and Europe, mainly relating to oceans industries.

Speakers



João Aguiar Machado

European Commission - Directorate-General for Maritime Affairs and Fisheries

J. Aguiar Machado is in charge of implementing the new Common Fisheries Policy and to secure sustainable fisheries, a stable supply of seafood for EU market and also prosperous coastal communities. As the DG in charge of Maritime Policy, his mission is also to promote an integrated approach to all maritime policies. Before taking up his current position, Mr Aguiar Machado was Director General at the European Commission's Directorate-General for Mobility and Transport. He was responsible for developing transport policies for the European Union, integrating citizen's needs, environmental policy and competitiveness. Previously, Mr Aguiar Machado was Deputy Director General at the European Commission's Directorate-General for Trade, responsible for bilateral trade relations with Asia, Latin America and Africa, including many of the EU's free trade negotiations, and for trade in services, investment, intellectual property and public procurement. From September 2007 to December 2008 he was Deputy Director-General at the EC's Directorate-General for External Relations – where he was in charge of coordinating overall EU relations with Asia and Latin America. Mr Aguiar Machado spent most of his career working on trade matters in Brussels and in EC Delegations in both Tokyo, Japan (1989 – 1994), and Geneva, Switzerland (WTO, 1994 – 1998). Mr Aguiar Machado studied economics both in Lisbon and at the College of Europe in Bruges.



Filiz Aslan

Project Management JÜLICH

Filiz Aslan is Chemical Engineer (Technical University of Clausthal-Zellerfeld/Germany and Ecole Nationale Supérieure d'Ingénieurs de Génie Chimique in Toulouse/France) and has more than 19 years experience as scientist in the fields of process development, energy optimisation of processes and environmental technologies. She joined the Project Management JÜLICH in 2008. Within the Maritime Technologies team her tasks include coordination and management of the different activities within the research programme "Next Generation Maritime Technologies", the strategic development as well as the direct guidance and support of applicants. Since 2016 she is coordinating ERA-NET Cofund MarTERA which is initiated by 18 funding organisations of the former ERA-NET MARTEC consortium and JPI OCEANS members from 16 countries/regions. This network will organise and fund together joint calls for transnational research projects on different thematic areas of marine and maritime technologies.

Speakers



Ricardo Beiras

University of Vigo

I was born in Santiago de Compostela (Galicia, Spain) in 1965, graduated in Biology by the University of Santiago and made my PhD on aquaculture in the Spanish Institute of Oceanography (I.E.O.) finished in 1992. Since then I worked as marine researcher in the Plymouth Marine Laboratory (PML, UK), in the IFREMER, Station d'Arcachon (France), in the University of Antwerpen (Belgium) and in the University of Vigo (Galicia, Spain) where I teach Marine Pollution from 1995. Currently I am Full Professor in ecology. I have been the head of ECIMAT, the University of Vigo's marine station Station, with a staff of ca. 20 people, for 10 years. I am an international expert in marine pollution (+110 papers in SCI journals). Supervisor of 10 finished PhD Thesis. Expert under contract for evaluation rounds of EU RTD Proposals for the 5th Framework Programme. Frequent chairman in SETAC Europe meetings. Member of the panel of advisors for the Spanish call for proposals on accidental marine pollution. Spanish Advisor for the Prestige Commission of the Galician Parliament. Advisor of I.E.O. at ICES working groups. Editor of Frontiers in Marine Sciences.



Lisandro Benedetti-Cecchi

University of Pisa

Lisandro Benedetti-Cecchi (LBC) is Professor in Ecology and Vice-Rector for European and International Research at the University of Pisa. LBC's lab uses marine coastal plants and animals as experimental model systems to address fundamental ecological questions, including the causes and consequences of loss of biodiversity and the ecological impacts of climate change and species invasions. A major goal is to provide experimental tests of theories that are rarely examined in the field, such as the role of environmental variance and regime shifts in shaping biodiversity. LBC has published +110 papers in peer reviewed ecological journals and 10 chapters in books. He is member of the Editorial Board of the ISI Journal Marine Ecology Progress Series and past member of the Editorial Board of Marine Ecology an Evolutionary Perspective, Estuaries and Coasts and Phycologia. LBC has served in the ERC Review Panel LS8 of the IDEAS program (starting and consolidator grants) and in the Review Panel of the European Science Foundation for the EuroDeep programme. LBC is member of the Biology & Ecosystem Panel of the Global Ocean Observing System (GOOS).

Speakers



Steinar Bergseth

ERA-NET Marine Biotech - Research Council of Norway

Dr. Steinar Bergseth has his Ph. D. in biochemistry from the University of Oslo, and has worked within R&D for pharma and environmental companies before joining The Research Council of Norway in 2000. Here he is a special adviser within biotechnology and part of the biotechnology team. His focus is on developing national and international strategies developing and incorporating marine biotechnology, and funding of projects making value from sustainable marine bio resources.

He coordinated the working group on Marine Biotech for the KBBE-NET, and the CSA-MarineBiotech before now coordinating the ERA-NET on Marine Biotech. He chaired the trilateral Canada, Chile, Norway Atlantic salmon genome sequencing project and represents Norway in other ERA-NETs.



Wendy Bonne

Marine Environment Service, Belgian Federal government administration

Dr. Wendy Bonne is Science-Policy Officer at the Marine Environment Service of the Belgian Federal government administration. Wendy has a Ph.D. in marine ecology and 19 years of work experience, covering a balance between marine scientific research and national and international (European) marine policy. Her national Ph.D. and international post-doc research addressed impacts of eutrophication and marine sand and gravel extraction on benthic communities, including involvement in ICES. As Belgian federal officer she leads the Water Framework Directive (WFD) implementation for coastal waters in Belgium and joined the Joint Research Centre of the European Commission for 3 years as European COAST coordinator for the intercalibration of more than 140 WFD ecological assessment methods in coastal and estuarine waters in Europe. She has also been involved in the OSPAR Eutrophication Committee and currently in the national Coordination Committee for International Environment Policy, International Scheldt Commission and OSPAR Coordination Group. She is now also involved in developments for the Environment Fund of the federal administration. Within the JPI Oceans Secretariat she worked on science-policy interface and supported several international cooperations between environmental authorities and the scientific community related to the protection of coastal waters and ecosystem goods and services.

Speakers



Andy Booth

SINTEF Ocean research institute

Dr. Andy Booth is a senior research scientist in the Environmental Technology Department at SINTEF Ocean research institute. He is an environmental chemist with significant experience in studying the fate and effects of environmental contaminants such as crude oil, nanomaterials, persistent organic pollutants (POPs) and emerging pollutants. His recent research activity focuses on characterising microplastic fate and effects and in aquatic environment, and he has experience of working with nanoplastics. He is currently coordinator of the EU project 'PLASTOX', which is funded under the framework of JPI Oceans and focuses on the ingestion, food-web transfer, and ecotoxicological impact of microplastics (MPs), together with the POPs, metals and plastic additive chemicals associated with them. He also coordinates of the Norwegian Research Council-funded project 'MICROFIBRE', which investigates the fate (degradation) and toxicity of microplastic fibres in a range of aquatic environments and will develop a decision support framework for mitigating environmental impacts. He is involved as partner in the FRAM Centre-funded project 'MARS', which investigates the composition, degradation and biological interactions of microplastics from artificial sports, pitches.

Speakers



Anne Christine Brusendorff

International Council for the Exploration of the Sea (ICES)

Anne Christine Brusendorff, General Secretary joined the International Council for the Exploration of the Sea (ICES) in 2012. During her term she has been tackling the challenges faced at the international level to promote integrated ecosystem understanding, with the aim to develop integrated ecosystem assessments in regional seas, as a link between ecosystem science and the advice required in applying an ecosystem approach. This requires a strong connection between data and information, science and advice, as the head of the ICES Secretariat she has been working to facilitate the communication within the organization, as well as engaging with external partners to fulfil the objectives of ICES Strategic Plan, 2014-2018. Currently, she is contributing to the development of the next phase of the Strategic Plan, with an important element being how to further link ICES activities to relevant processes to ensure the data, science, and advisory outputs are contributing effectively to the knowledge base used for ocean governance.

Before joining ICES Secretariat, Brusendorff spent 14 years working for the Baltic Marine Environment Protection Commission (HELCOM) in Helsinki. There, she latterly led the organization as Executive Secretary, but also served as Deputy Executive Secretary and Professional Secretary (in maritime matters). Before moving to Finland, Brusendorff was the Head of Section at the Danish Ministry of Environment and Energy, Danish Environmental Protection Agency. Brusendorff studied Maritime and Environmental Law at the University of Copenhagen and London School of Economics and Political Science, before completing her PhD in International Law of the Sea and International Environmental Law at the University of Copenhagen.

Speakers



Emilio Fortunato Campana

National Research Council, Italy

Emilio F. Campana (Rome, 1960) has been the Director of the Marine Technology Research Institute of the National Research Council of Italy (CNR-INSEAN). He has been doing research in numerical methods for hydrodynamics and design optimization for more than 25 years, authoring and co-authoring more than 180 papers and publications.

He is now the Head of the Engineering Department of the National Research Council.

He is the recipient of the :

- 2009 - American Bureau of Shipping award for the best paper presented at the US Society of Naval Architects and Marine Engineers (SNAME) annual meeting,
- 2012 - Scientific Achievement Award by NATO - Research and Technology Organization;
- 2013/2014 "George Weinblum Memorial Lecturer" jointly assigned by the German Institut für Schiffbau (Hamburg University), the SNAME, and the Naval Studies Board of the National Research Council (USA).



Jan-Bart Calewaert

EMODnet

Jan-Bart Calewaert trained as a Bio-engineer (cellular and genetic biotechnology) at the University of Ghent and holds a Masters in Marine Environment Management from the Free University of Brussels and University of Antwerp. Jan-Bart started his career at the University of Ghent and Flanders Marine Institute where he contributed to multidisciplinary marine research projects and coordination initiatives at the interface between science and policy to support of marine research, sustainable management of marine and coastal environments and related policy frameworks. For the Secretariat of the European Marine Board, he facilitated foresight and policy activities on topics including oceans and human health, climate change impacts on the marine environment and marine pollution. Jan-Bart joined Seascope Consultants in 2013 to coordinate the Secretariat of the European Marine Observation and Data Network (EMODnet) and is also Managing Director of Seascope Belgium.

Speakers



Miguel Castrillo

European Technology Platform for High Performance Computing

Miguel Castrillo is software engineer and HPC performance expert working at the Barcelona Supercomputing Center (BSC). He holds a MSc in Computer Science, and has more than 10 years of experience as Computer Engineer. In 2012 he joined the Earth Sciences department of the BSC, where he has contributed to several EU-funded research projects, covering a wide range of tasks, from development of model data management & visualization software, to HPC performance analysis and research.

Currently he leads the Models & Workflows team from the Computational Earth Sciences group, where he coordinates the department's model workflow infrastructure, as well as the Earth models deployment in different architectures. He is also permanent member of HPC group for the NEMO model, as well as the technical working group for the EC-Earth model.



Sofia Cordeiro

Portuguese Foundation for Science and Technology (FCT)

Sofia Cordeiro is the Coordinator of the Ocean Programme of the Portuguese Foundation for Science and Technology (FCT) since 2016. The programme has the mission of maximizing the dialogue among the different scientific communities that are part of the ocean transdisciplinary area in order to coordinate the national activities in ocean and science technology and the participation of Portugal in European and international organizations associated with ocean issues. At national level Sofia is currently coordinating the development of the Science and Innovation Agenda for the Ocean, a bottom up thematic agenda involving more than 50 renewed Portuguese stakeholders, and is involved in the "Atlantic Interactions" initiative of the Portuguese Ministry of Science, Technology and Higher Education. At European and international level Sofia is the Portuguese delegate to JPI Oceans and the alternate delegate to the European Marine Board, the ECORD Council and the EurOcean. Sofia is also currently involved in the OECD International Futures Programme's 2017-2018 Working group. Previously Sofia was Science Officer at EurOcean (2010-2016). Sofia started her science management career as an Events Manager at the National Centre for Cancer Research (CNIO) in Spain (2008-2010). Sofia holds a PhD (2008) in Physiology and Biochemistry from the University of Lisbon.

Speakers



Raquel Costa

Directorate of Ocean Policy, Ministry of the Sea, Portugal

Raquel Costa is a Marine Geologist who worked on mineral resources from hydrothermal systems in the Mid-Atlantic Ridge, taking part in several oceanographic campaigns in the Atlantic. She taught mineralogy, geochemistry and mineral resources at the Faculty of Sciences of the University of Lisbon and at the University of Évora. From 2006 to 2011, she worked on the Portuguese task group for the extension of the continental shelf.

Since then, she has specialized in science education and didactics and has been dedicated to the promotion of Ocean Literacy among younger generations and to the communication of the fundamental issues facing the Ocean. She participates in several international meetings on Ocean Literacy, and takes part in the National Eco-Schools Commission, in the National Commission of the Unesco Schools Network and in the NMEA International Committee. Raquel currently works in the Directorate-General for Maritime Policy, where she coordinates nation-wide programs on Ocean Literacy (including Blue School PT) and collaborates in international projects. She's also responsible for creating synergies between the sea sector, science, education and municipalities with the ultimate goal of improving Ocean Literacy in Portugal through an articulated strategy.



David Cox

Belgian Science Policy Office (BELSPO)

David Cox has a master's degree in biology from the Vrije Universiteit Brussel. He works as Programme Manager at the Belgian Science Policy Office (BELSPO) since 2000. He coordinates the axis "ecosystems, biodiversity and evolution" of the BRAIN-be programme (Belgian Research Action through Interdisciplinary Networks) and manages the marine and North Sea research projects. He is also in charge of the follow up of the dossier regarding the replacement of the oceanographic research vessel A962 Belgica. He is the BELSPO representative and/or the Belgian delegate in several national and international fora such as the European Marine Board, the Intergovernmental Oceanographic Commission (IOC) of UNESCO, the Belgian Coordination Committee for International Environmental Policy (CCIEP) North Sea and Oceans group, the Belgian marine spatial planning advisory committee, the Belgian Coast Guard structure. He has been a partner and acted as work package and task leader in several marine related Eranets like AMPERA, MARINERA and SEAS-ERA. David has been involved in the JPI Oceans since the very beginning and is currently one of the Belgian representatives in the Management Board and coordinator of the CSA Oceans 2 project.

Speakers



Hilde Eggermont

BiodivERSA

H. Eggermont is coordinator of the Belgian Biodiversity Platform, a Belspo-funded initiative providing services to the Belgian scientific community engaged in biodiversity research, policy-makers and practitioners. H. Eggermont is also Vice-Chair of the BiodivERSA ERA-net, and acts as national focal point for the Intergovernmental Platform for Biodiversity and Ecosystem Services (IPBES) and the International Union for the Conservation of Nature (IUCN). Her main interests include research programming and promotion, science-policy interfacing, and biodiversity conservation



Gunnar Gerdt

Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research

Gunnar Gerdt is leading the working group "Microbial Ecology" in the section "Shelf Seas Systems Ecology" at the Alfred Wegener Institute Helmholtz Centre for Polar and Marine Research (AWI) on Helgoland (BAH). Gunnar Gerdt currently coordinates the JPI-O project BASEMAN (Defining the baselines and standards for microplastics analyses in European waters). He was leading a national project funded by the German Federal Ministry of Education and Research (BMBF) project on microplastics (MP) in the German Bight (MICROPLAST) where FTIR imaging technology was successfully introduced in the MP analyses pipeline. Furthermore several in-house or contract research projects on the occurrence of MP in wastewater treatment plants, plankton, sediment, fishes, zooplankton and arctic sea-ice were performed in the recent years. Current research focuses on the improvement of technology to be applied for MP extraction/purification from diverse environmental matrices, the occurrence of MP in polar (arctic) regions and the dispersion of pathogens by MP particles.

Speakers



Ivo Grigorov

DTU AQUA

Ivo Grigorov (IG) holds a PhD in Marine Science, currently responsible for a portfolio of EC projects for National Institute of Aquatic Resources (DTU-Aqua), supporting the research grants lifecycle, from proposal formulation, impact & dissemination to final delivery and financial audit.

Personal interests focus on optimising strategies for societal impact of research projects. Specific focus in on using Open Science as an accelerator for knowledge transfer along the lab-2-market spectrum, and supporting Open Innovation, public engagement in the research process, and transdisciplinary re-use of research output.

IG is External Expert for the development of EC's Open Science Monitor, and EC External Evaluator.



Sigi Gruber

European Commission

I have been Head of the Marine Resources Unit, in the Directorate General for Research and Innovation of the European Commission, since 2014. The Unit defines, implements and monitors Research and Innovation objectives and priorities to support the Blue Economy, the EU's Integrated Maritime Policy and its related Seabasin Strategies, and the Common fisheries Policy, thereby contributing to the sustainable and responsible management of marine resources, both in Europe and globally. In 2011, I headed the Unit responsible for EU Science and Technology cooperation with North America, Latin America and the Caribbean; in 2007, I headed the Unit responsible for Relations with Third Countries. Prior to that, I was Head of Sector for Researchers' Careers, also with responsibilities for the Modernising Agenda for Universities and the European Institute of Technology. I started to work for the European Commission in 1991, as an expert for the LINGUA Programme, and later for the Leonardo da Vinci Programme. Prior to joining the European Commission, I worked in the public and private sector in Italy and Germany. I am also representing our Directorate General as non-voting member in the JPI Oceans management Board.

Speakers



Matthias Haeckel

GEOMAR Helmholtz Centre for Ocean Research Kiel

Since 2015: Coordinator of the JPI Oceans pilot action 'MiningImpact - Ecological Aspects of deep-sea mining'

Since 2014: Coordinator of the German collaborative gas hydrate project SUGAR III (jointly funded by the German Ministry of Economy and the German Ministry of Research)

Since 2005: Senior scientist at GEOMAR Helmholtz Centre of Ocean Research Kiel

My marine research work comprises the understanding of early diagenetic processes in the marine environment with a focus on the global carbon cycle, cold vent & gas hydrate systems, the determination of fluid & gas sources, and the assessment of the response of the marine environment to anthropogenic activities, such as deep-sea mining, subseafloor CO₂ storage, and gas hydrate production. My main research tools are field work and numerical simulations of the data, including the development of transport-reaction and thermodynamic model codes. In recent years this work has been complemented by high-pressure lab experiments and the application of molecular spectroscopic techniques, such as Raman microscopy and nuclear magnetic resonance spectroscopy. The lab work focuses on the study of gas hydrate kinetics and coupled hydro-chemo-geomechanical behaviour of marine sediments.

Speakers



Peter M Haugan

Intergovernmental Oceanographic Commission

Professor Peter M Haugan is presently the elected chair of the Intergovernmental Oceanographic Commission (IOC of UNESCO). He holds a professorship in oceanography at the Geophysical Institute, University of Bergen and an adjunct Research Director position at the Institute of Marine Research in Norway. He has been vice chair of the European Marine Board

(EMB) and has for many years also been a national nominated member for Scientific Committee on Ocean Research (SCOR). His own research has spanned from climate and polar research to marine renewable energy. In recent years his interests and activities have centered on the development of marine observing systems, research infrastructures and the science-policy interface. As the chair of IOC he is leading efforts towards establishing 2021-2030 as the International (UN) Decade of Ocean Science for Sustainable Development.



Manuel Heitor

Minister for Science, Technology and Higher Education, Portugal

Manuel Heitor is Minister for Science, Technology and Higher Education in the Government of Portugal since November 2015. From March 2005 to June 2011 he served as Secretary of State for Science, Technology and Higher Education.

Manuel Heitor is full Professor at Instituto Superior Técnico, IST, the engineering school of the University of Lisbon and was founder and director of the IST's "Center for Innovation, Technology and Policy Research", as well as director of the IST's doctoral Programs in "Engineering and Public Policy, EPP" and in "Engineering Design". In 2011-12 he was a Visiting Scholar at Harvard.

He earned a PhD at Imperial College, London, in 1985 in combustion research and did post-doctoral training at the University of California San Diego. Then he pursued an academic career at IST, in Lisbon, where he served as Deputy-President for the period 1993-1998. Since 1995, he has been Research Fellow of the IC2 Institute of the University of Texas at Austin. He is a founding member of the S&T Council of the "International Risk Governance Council", IRGC. He was a co-founder of the European network "science, technology, education and policy for Europe, step4EU".

Speakers



Annika Jahnke

Helmholtz Centre for Environmental Research

Annika Jahnke holds a diploma in Environmental Sciences and a PhD in Environmental Chemistry from University of Lüneburg. In her PhD thesis she focused on volatile precursor compounds of perfluoroalkyl substances in the marine atmosphere. Annika spent 7 years as a postdoc and later on as a research fellow at Stockholm University to develop passive sampling approaches to study the chemical activity in sediment and biota from aquatic ecosystems. Since 2014 she works as a researcher and group leader at the Department Cell Toxicology, Helmholtz Centre for Environmental Research – UFZ in Leipzig with a focus on passive sampling to study the bioaccumulation, fate and effects of mixtures of organic environmental pollutants. Furthermore, Annika coordinates the JPI-Oceans funded project "WEATHER-MIC" focusing on the influence of weathering processes on the transport, fate and toxicity of microplastic in the marine environment. Finally, she is also establishing a new research group for the ERC-funded project "CHEMO-RISK" to develop new Chemometer-based approaches for the in situ risk assessment of mixtures of organic pollutants.

Speakers



Eric Karsenti

Tara Oceans

Eric Karsenti studied biophysics at the University of Paris, and obtained his PhD at the Institut Pasteur (université Paris7) in 1979.

Group Leader at EMBL from 1985-2013.

CNRS research director emeritus and Visiting Group Leader at EMBL since 2014.

He is an extremely experienced sailor, having taught ocean navigation in Brittany. He has made major contributions to the understanding of molecular mechanisms governing the cell cycle. He has also worked with physicists in developing a new approach in cell biology which revealed how cell shape and division emerge from complex and dynamic molecular interactions. He created the Department of Cell Biology and Biophysics at the European Molecular Biology Laboratory (EMBL) in Heidelberg. This was an interdisciplinary department comprised of a dozen groups, all working on the morphogenesis of cells and embryos, with specialties ranging from cell biology and genetics to the development of sophisticated new imaging methods and statistical physics. Dr. Karsenti is a member of EMBO, and the French Academy of Sciences. He was awarded the CNRS Gold Medal in 2015. He is the scientific director of the Tara Oceans and co-director of the Tara Oceans Polar Circle expeditions.



Winfried Keiper

European Technology Platform for Advanced Engineering Materials and Technologies

Dr. Winfried Keiper studied Physics and Biophysics in Aachen and London, then took a Ph.D in Physics at the University of Aachen, Germany (RWTH) in 1984. He then joined Robert Bosch GmbH, the leading automotive supplier and maker of a wide range of industrial and personal products. He worked in various functions in corporate R&D, then joined a Bosch product division as international staff.

Currently he works as Public Funding officer at Bosch Corporate Research with responsibilities for the acquisition of national, European, and Rest-of-World co-operative projects with public funding. His special technology interests include advanced materials – sensors – E-mobility – energy storage – autonomous & connected vehicles – robotics – AI – Industry4.0 – circular economy. Since 2017 he serves as co-secretary of EUMAT, the European Technology Platform for Advanced Engineering Materials and Technologies.

Speakers



Kaisa Kononen

BONUS

Kaisa Kononen has worked since 2007 as the first Executive Director of the BONUS. Her duty is the overall management, coordination and monitoring of the BONUS activities and the BONUS Secretariat.

Kaisa received her PhD in hydrobiology in 1992 from the University of Helsinki. She worked ca. 20 years as a research scientist in the Finnish Institute of Marine Research focusing on studies of cyanobacterial blooms' dynamics in the Baltic Sea. During 1997-2002 she worked as the Head of Research of the Maj and Tor Nessling Foundation. In 2002 she started working at the Academy of Finland first as the Programme Manager of the Finnish Baltic Sea Research Programme BIREME, and later until 2008 as the coordinator of the ERA-NET project BONUS for the Baltic Sea Science – Network of Funding Agencies.

Kaisa has been active in many international organisations e.g. ICES, SCOR-IOC research programme GEOHAB (Global Ecology and Oceanography of Harmful Algal Blooms), HELCOM, Marine Board of the European Science Foundation and in many other national European and international committees.

Speakers



Gilles Lericolais

Ifremer

Dr. Gilles Lericolais has been a marine geologist/geophysicist at Ifremer since 1984. He joined more than 10 scientific cruises as a chief scientist. He has been site survey expert for Elf Aquitaine (TOTAL) from 1989 to 1991. Dr Gilles Lericolais has carried out several research surveys on different seas and Oceans (China Sea, Pacific, San Francisco Bay, Atlantic, North Sea, Mediterranean, Marmara and Black Sea...).

From 1997 to 2013, he has been leading collaborative projects focusing on the investigation of the sedimentary records and processes related to past-climate evolution. He has been the coordinator of European project dealing with marine environment.

From 2006 to 2011, he was in charge of the Laboratory of Sedimentary Environments of Ifremer and was responsible for the Ifremer project "Margins and Sedimentary systems".

From 2007 to 2013, he was acting as an expert for IODP for ECORD and was nominated as Vice Chair of the Site Survey Panel for IODP in 2008 and Chair of this panel from 2009 to 2013.

Dr. Lericolais is the author of over 60 refereed publications (H-Index: 27), and member of the Editorial Board of the journal "Quaternaire". He is Vice-Chair of the European Marine Board, member of EurOcean and an alternate member of the Management Board and member of the Executive Committee of the JPI Oceans. He is one of the French representatives of the National board for the IOC of the UNESCO. He recently was nominated Chair of the ECORD Facility Board for 2016 to 2018.

In 2011, he was appointed as Director of the European and International Affairs of Ifremer in 2011 and therefore participates to the Management Board of Ifremer.

Speakers



Dennis Lisbjerg

National Institute of Aquatic Resources (DTU Aqua)

Dennis Lisbjerg is Head of Maritime Service at the National Institute of Aquatic Resources (DTU Aqua) in Denmark, which includes the responsibility for research vessels. He also acts as Coordinator in Danish Centre for Marine Research which is a national center providing funds for ship time for research and coordinate research collaboration with the Danish Navy. He holds a Masters degree in marine ecology as well as an MBA and is keen on the development of the bioeconomy. Dennis has been involved in FP7/H2020 projects such as Marcom+ and Eurofleets2 and is a member of the European Research Vessel Operators (ERVO) group.

Together with Niels Gøtke (Danish Agency for Science and Higher Education) he has been involved with the running of COFASP ERA-NET from 2013 until today.

Speakers



Niall McDonough

Irish Marine Institute

Dr. Niall McDonough is Director of Policy Innovation and Research Support Services with the Irish Marine Institute. He has responsibility for promoting and developing marine research in Ireland in accordance with Harnessing Our Ocean Wealth, Ireland's Integrated Marine Plan. Niall originally trained as a marine biologist with research interests in marine aquaculture and shellfish stock restoration. He holds a BA Mod. in Zoology from Trinity College Dublin (1993) and a PhD from Queen's University Belfast (1998). Following two years as Development Manager with the Environmental Change Institute at the National University of Ireland, Galway, he worked for five years as Head of the Centre for Marine Resources and Mariculture at Queen's University. From 2009-2017 Niall served as Executive Director of the European Marine Board (EMB) based at the InnovOcean campus in Ostend, Belgium. He currently represents Ireland on the JPI Oceans Management Board and Business Planning Working Group.



Caron Montgomery

Department for Environment, Food & Rural Affairs (DEFRA), UK

Caron Montgomery has been a civil servant with the UK's Department of Environment, Food and Rural Affairs (Defra) for more than 27 years, commissioning and managing many aspects of marine and freshwater science. Currently she heads the Marine Evidence Team responsible for the procurement and management of Defra's marine science programme and the secretariat of the Marine Science Co-ordination Committee. Caron's research background is in fisheries ecology and management, specialising in coarse and migratory fish. In Defra she provides an integral role in linking science to policy. She has served for 4 years on the National Oceanography Centre's Advisory Council and is currently a member of the Sir Alistair Hardy's Foundation for Ocean Science Advisory Board. She chairs the Management Board for JPI Oceans. She has a particular interest in the developing new technologies for the oceans as well as raising the importance our seas play in the planet's health.

Speakers



Ana Noronha

Ciência Viva

Ana Noronha is Executive Director of *Ciência Viva*, the Portuguese agency to promote scientific culture where she coordinates science engagement and education projects, in particular on space and ocean literacy. She is responsible for the participation of *Ciência Viva* in the FP7 Sea for Society and H2020 Sea Change and AORA-CSA and she is a member of the Advisory Committee on Education of the European Space Agency. She is a physicist by training, with a PhD from Instituto Superior Técnico, University of Lisbon.



Stéphane Pesant

OpenAIRE

Stéphane Pesant is a biological oceanographer, working on marine pelagic ecosystems with a focus on plankton communities and their associated trophic interactions and biogeochemical fluxes. He obtained his PhD at Laval University, Québec (1999), and embarked on an international adventure of scientific coordination and innovation. Stéphane initially worked as scientific advisor for Marine Ecosystem Health, and Programme Planning & Coordination at the Department of Fisheries & Oceans Canada, Ottawa (2000-01); he was then considered to have "brought back" biological oceanography at the University of Western Australia (2002-04); promoted marine data integration efforts in Europe through the EUR-OCEANS Network of Excellence (2005-09); and since then leads data publishing and integration for several European and international projects, including EURO-BASIN, CoralFISH, MicroB3/OSD, ATLAS, and Tara Expeditions. Stéphane is one of the founding members and coordinators of the EuroMarine Network (since 2014). Since 2016, he is responsible for engaging the European marine science community in OpenAIRE, H2020's Open Access instrument, and is editor-in-chief of Elsevier's Aquatic Data journal.

Speakers



António M. Pascoal

EuRobotics TP - Dynamical Systems and Ocean Robotics Lab, Institute for Systems and Robotics

António M. Pascoal received the Ph.D. degree in Control Science from the Univ. Minnesota, Mpls, USA in 1987. Since 1988 he has been with the Department of Electrical Engineering of the Instituto Superior Técnico (IST), Lisbon, PT where he lectures in the areas of Control and Robotics. From 1996-1998 he was a Visiting Associate Professor with the Department of Aeronautics and Astronautics of the US Naval Postgraduate School of Monterey, California, USA. He is currently an Associate Professor of IST, a senior researcher with the Institute for Systems and Robotics (ISR), and coordinator of the Thematic Area "Technologies for Ocean Exploration and Exploitation" of the Laboratory of Robotics and Systems in Engineering and Science (LARSyS). Since 2012, he has been an Adjunct Scientist with the National Institute of Oceanography, Goa, India. He was elected Chair, IFAC Technical Committee Marine Systems, from 2008-2014. He has coordinated and participated in a large number of international projects that have led to the design, development, and field-testing of single and multiple autonomous marine and air vehicles in cooperation with partners in India (National Institute of Oceanography, Goa), USA (Naval Postgraduate School, Monterey, CA), Korea, (KAIST), and Europe. His research interests include Marine Robotics with applications to the development of aerial and marine robots for ocean exploration and exploitation.

Speakers



George Petihakis

Institute of Oceanography of the Hellenic Centre of Marine Research

Dr. George Petihakis is a Research Director in the Institute of Oceanography of the Hellenic Centre of Marine Research. He has been with the HCMR since its beginning in 2003 and previously before its merger at the Institute of Marine Biology of Crete (1995).

He has more than 20 years of experience in marine science with particular emphasis on marine ecological modelling, operational monitoring, and data analysis. He is a core member of the POSEIDON marine monitoring, forecasting and information system being directly involved in more than 40 EU and national research programs (MFSP, MEECE, Fix03, JERICO NEXT, EMSODEV, CSA Oceans 2, EMSO-LINK). During the period 2003 – 2008 he was Associate lecturer at the Technological Educational Institute of Crete (TEI).

Since 2015 he is an elected member of the Executive Board of EuroGOOS holding the position of Vice-Chair and since 2016 a member of European Ocean Observing System (EOOS) Steering Group.



Tom Remy

WindEurope

Tom Remy is the Analyst for Offshore Wind at WindEurope, the European wind energy association. He is responsible for conducting research and analysis on the offshore wind sector in the Business intelligence Unit. Prior to joining the association, Tom worked as a consultant for the Scottish Environmental Consultancy Aquatera where he gained experience in: cost modeling, carbon emission valuation, engineering conception and environmental impact assessment through different projects. He also worked as an independent consultant in the Marine Renewable Energy field, providing business intelligence and developing technical and financial modeling tools.

He is graduated from the French Arts et Métiers Paristech postgraduate engineering school and holds an MSc in Renewable Energy Development at the Heriot-Watt University Orkney Campus where he focused on the development of an economic feasibility model and tool to apply renewable energy to global aquaculture.

Speakers



Francesca Santoro

Intergovernmental Oceanographic Commission (IOC) of UNESCO

Francesca Santoro is currently Programme Specialist at the Intergovernmental Oceanographic Commission (IOC) of UNESCO, where she is in charge of the ocean literacy activities. She was previously the Technical Secretary of the North-Eastern Atlantic, Mediterranean and connected seas Tsunami Early Warning and Mitigation System (NEAMTWS) and Head of the NEAM Tsunami Information Centre. Before joining UNESCO she worked for the Euro Mediterranean Centre for Climate Change and for the University Ca' Foscari of Venice where she undertook research activities on climate change adaptation in coastal zone. Moreover, she was lecturer at the University Ca' Foscari of Venice PhD Programme in Science and Management of Climate Change, title of the course 'Climate Change and Coastal Zone'. She was as well consultant for the United Nations Environmental Programme – Mediterranean Action Plan, and for the International Marine Centre. She has been working in a number of EU funded research and cooperation projects mainly on integrated coastal zone management and climate change adaptation. She holds a PhD in Analysis and Governance of Sustainable Development, an MSc in Integrated Coastal Zone Management, and an MSc in Environmental Sciences.

Speakers



Terry Schaefer

National Oceanic and Atmospheric Administration (NOAA)

Terry Schaefer is a senior Program Manager in the International Activities Office of the Office of Oceanic and Atmospheric Research, National Oceanic and Atmospheric Administration (NOAA). He serves as the US lead for the Atlantic Ocean Research Alliance Leadership Team and primary staff for the US Co-chair for the implementation of the Galway Statement on Atlantic Ocean Cooperation between the US, Canada and the European Union. Dr. Schaefer also develops and manages NOAA international research cooperation in Europe and the Republic of Korea. He also serves as an advisor to the U.S. Permanent Representative to the Intergovernmental Oceanographic Commission of UNESCO.

From 2004 through 2006, Dr. Schaefer served as the Executive Director for the NOAA Research Council. From 2001 through 2003, he worked as a Program Officer for the Ocean Studies Board of the U.S. National Academy of Sciences where he directed studies resulting in four publications.

Dr. Schaefer received his Ph.D. in Oceanography and Coastal Sciences from Louisiana State University in 2001 and a MSc in Biology/Coastal Zone Studies from the University of West Florida in 1996. During his doctoral studies, Dr. Schaefer served as a John A. Knauss Marine Policy Fellow in NOAA's Office of the Chief Scientist (1998-1999).



Ingrid Schjølberg

Norwegian University of Science and Technology

Professor Ingrid Schjølberg is professor in marine technology at the Norwegian University of Science and Technology (NTNU). She is heading NTNU Oceans and is Vice Dean for Research and Innovation at Faculty of Engineering. NTNU Oceans covers research within arctic, underwater science and technology, maritime, biomarine resources, energy from the oceans (including oil and gas) and marine minerals. In addition, social science is important for future coastal development. The faculty of Engineering covers the area of Ocean, Energy, Building and Transport, Production and Minerals. The focus of Prof. Schjølbergs research is underwater technology mainly related to underwater inspection, maintenance and repair of subsea installations.

Speakers



Ricardo Serrão Santos

Member of the European Parliament

Ricardo Serrão Santos (RSS) is a Member of the European Parliament since July 2014 and full Member of the Committees on Fisheries and on Agriculture and Rural Development and in the Interparliamentary Delegation EU-Canada. He is Coordinator for Socialists and Democrats on Fisheries. He is also the Vice-Chair of the Parliament Intergroups on "Seas, Islands, Rivers and Coastal Zones" and on "Climate change, Biodiversity and Sustainable Development". RSS holds a Doctorate Degree from the Universities of Liverpool and the Azores. Marine Researcher for 30 years, he has over 300 scientific papers and books published. In addition to his academic position at the University of the Azores, where he keeps supervising several PhD students is a member of the Scientific Council of the Oceanography Institute of Paris. Associated Editor of "Marine Biodiversity" and Speciality Chief Editor of "Frontiers in Marine Science/Deep-Sea Environments and Ecology".

RSS has been a member of the scientific councils and chair of evaluation panels of the Portuguese Ministry of Science and Higher Education and Portuguese Delegate at ESFRI and the EC Committee of Research Infrastructures. Ricardo has also been the President of IMAR-Institute of Marine Research, and Pro-Rector and Director of the Department Oceanography and Fisheries at the University of the Azores, Vice-Chair of the European Marine Board and Chair of EurOcean. He has received several honourable mentions, prizes and awards, among which the Gifts to the Earth by WWF in 2002. In 2012 RSS received the Autonomous Insignia of Recognition of the Azores. In 2013, he was knighted "Chevalier de l'Ordre de Saint Charles" by SAS Prince Albert II of Monaco. RSS was honoured as member of the "Portuguese Academy of Sciences" (Class of Sciences, Section of Biological Sciences) in 2009 and emeritus member of the "Portuguese Navy Academy" (Class of Arts, Letters and Sciences) in 2017.

Speakers



Kristin E. Thorud

Research Council of Norway

Dr Kristin E. Thorud is working as Special Advisor in the Research Council of Norway. She acts as national contact point for JPI Oceans in Norway, also working with the secretariat in Brussels. She is an alternate member to the Management Board and took part in CSA Oceans WP4 Identification of barriers to science based innovation. She is a veterinarian by education (1984) and holds a PhD in fish diseases from the Norwegian School of Veterinary Science (1991). Her first work experience included working as a fish health veterinarian on the west coast of Norway; a work that encouraged her to go into research in fish diseases at the Norwegian Veterinary Institute (1985). After 12 years she left research to start working in the Norwegian Animal Health Authority where she acted as manager of the Norwegian animal surveillance and control programmes; later as head of the Fish Health Section. From 2004-2008 she worked in the Norwegian Ministry of Fisheries and Coastal Affairs, initially on regulations of fish health and aquaculture issues nationally and internationally (EU, OIE). After some time she switched to management of research agencies as well as facilitation of European (EU FP7 Theme 2: "Food, agriculture and fisheries, and Biotechnology") and international research cooperation on marine research issues (USA, Canada, Japan and India). From 2008-2012 she held a position as Head of Department of Companion Animal Clinical Sciences at the Norwegian School of Veterinary Science.

Speakers



Fabio Trincardi

Italian National Research Council (CNR)

Dr. Fabio Trincardi is currently Director of the Department of Earth Systems Sciences and Technologies for the Environment of the Italian National Research Council (CNR) and coordinator of the European project BLUEMED Coordination and Support Action. After his degree in Geology at the University of Bologna he specialised in marine geophysics through a fellowship at the University of Trieste and two years of post-doc fellowships at the US Geological Survey in Menlo Park, California. His scientific interests focus on the evolution of continental margins from the shoreline to the abyss, integrating geophysical, sedimentological and geo-chronological methods, and on the study of past climate regimes. Former Director of the CNR Institute of Marine Science, he was the co-ordinator of EURODELTA, contractor in other 12 EU projects, and, at national level, co-ordinator of RITMARE Flagship project (Italian Research for the Sea) and of the Geological-Mapping Project of the Italian Seas. He has been principal investigator in Industry-supported projects on slope stability, seismic-geomorphology and stratigraphic modelling, participating to 35 scientific cruises (Mediterranean, Pacific Ocean, Antarctica), and advising several MSc and 10 PhD students in liaison with the University of Bologna.

For several years on the editorial boards of *Geology*, *Marine Geology*, *Geo-Marine Letters*, he published about 200 papers on refereed journals and books and was Guest Editor on five special issues on *Geochemistry*, *Geophysics*, *Geosystems* (2008), *Marine Geology* (2016, 2006, and 2005) and *Oceanography* (2004).

Speakers



Christine Valentin

World Ocean Council

Christine has almost 30 years of senior positions (international business development, strategy, CFO) in multicultural contexts in S&P 500 companies and smaller management owned businesses in France, the Netherlands and the US. More specifically since 2002, she has worked in sustainability and environmental consulting, engineering and services firms designing environmentally friendly and climate change adapted solutions. In 2012 Christine created Batzine Consulting to help companies, organizations and associations accelerate through the ecological transition.

Her 6 years as a child in the pristine wilderness of the Canadian Rockies determined her passion for the preservation of nature and wild habitats, flora and fauna. Today she is Board Member & Chief Operating Officer of the World Ocean Council, an international non profit based in Hawaii. As such she is leading the WOC efforts to develop and drive strategically focused action to ensure sustainable growth and visibility to the members of the ocean business community who believe in "Corporate Ocean Responsibility". Christine has a track record volunteering on non profit Boards as Treasurer : HarvardBusiness School Club de France between 2010 and 2014, the France/Australia Intercountrycommittee of Rotary International between 2012 and 2014 since 2013, ProfessionalWomen's Network in Paris and since 2017 the United Way Tocqueville Association. She also co-founded Harvard Women France in 2008 and is a member of WISTA France (Women's International Shipping and Trading Association) since 2014. Christine has degrees in Philosophy, American Literature, Political Science and Business from the Sorbonne, Sciences Po and Harvard Business School. More recently, she also graduated from France's IHEDN. (Institut des Hautes Etudes dela Défense Nationale).



Gert Verreet

Flanders Department of Economy, Science and Innovation

Gert Verreet is a policy officer in the Flanders Department of Economy, Science and Innovation (EWI), working in the Research Division focusing on environmental research. At EU level he is a member of the ESFRI SWG ENV. He is also a member of the Flemish Committee for UNESCO and oversees funding for projects under the UNESCO/Flanders Fund in Trust for the support of UNESCO's activities in the field of Science (implemented under UNESCO IOC, IHP and MAB programmes). Previously he was a Deputy Secretary of the OSPAR Commission, a position he occupied in 1995-2001 and 2011-2014.

Speakers



Ana Paula Vitorino

Minister of the Sea, Portugal

Minister of Sea Ana Paula Vitorino is graduated in Civil Engineering, specialized in Urban Development and Transports, (1986) and has a Master in Transports, (1992) by Instituto Superior Técnico. She has published several articles in scientific and technical journals, on matters regarding transport, infrastructure, logistics and maritime economy. Between 1989 and 1990 she was invited as assistant professor to teach a wide range of disciplines in Instituto Superior Técnico, such as Urban Planning, Transports, Roads and Systems Department of Civil Engineering, Architecture and Earth Resources. She was a partner in TransNetWork Consultancy, which provides services in Portugal, Africa and Latin America since 2011. Between 2010 and 2012, she was a non-executive Board Member of the Hydroelectric of Cahora Bassa, S.A.. She was Secretary of State for Transports in the XVII Constitutional Government, between 2005 and 2009. She is a member of the Portuguese National Assembly since 2009.



Ulrich Wolf

Project Management Julich

Dr Ulrich Wolf trained as physical oceanographer in Kiel and Oxford. He received his PhD in 1990 at Hamburg University. His career started in 1986 at the Institute for Marine Research in Kiel working in various interdisciplinary projects including the JGOFS Core Project Office.

As a senior scientist he moved to the Institute for Baltic Sea Research, Rostock, in 1995. During his career he participated in roughly 30 scientific cruises. He joined PtJ in 1997 and besides managing projects in marine and polar research he acted as the FP7 National Contact Point (NCP) for shipping and maritime technology.

In 2001/02 he established and supervised the PtJ-MGS branch in Berlin. As project officer, partially as coordinator, he was involved in several ERA-NETs like MARTEC, BONUS and MarinERA.

From 2005 to Sept 2011 he was seconded to UNESCO as a senior advisor to the Intergovernmental Oceanographic Commission and Head of the NEAMTWS Secretariat.

Speakers



Jacky Wood

JPI Oceans secretariat

In August 2017 Jacky Wood took up the position as Acting Executive Director JPI Oceans. She is seconded to the secretariat by the Research Council of Norway. Jacky joined the JPI Oceans Secretariat as Deputy Director at the end of November 2014.

Formerly she worked at the UK's National Oceanography Centre as the Head of the International and Strategic Partnerships Office (ISPO) and a member of the NOC Executive Board. ISPO, acting on behalf of the wider NERC supported marine science community, was responsible for national and international relationships, strategy and coordination. This includes engagement with the UK Government's Marine Science Coordination Committee, the JPI Oceans Management Board, the UK office for the Intergovernmental Oceanographic Commission (UNESCO-IOC) and the NOC Association as well as hosting the international CLIVAR project office. Jacky was a vice-chair and EXCOM member of the European Marine Board from May 2012-May 2015.

Prior to joining NOC in 2002, Jacky was an Assistant Director in the UK's Department of Trade and Industry, Office of Science and Technology International Directorate, focusing on European science and innovation policy. She represented the UK in CREST (fore runner to ERAC the European Research Area Committee) and on the FP programme committees for Innovation and SMEs. Jacky's former roles in DTI included developing and directing knowledge exchange programmes in industrial biotechnology, in environmental technologies and in metrology.

She started her research career at the UK's National Physical Laboratory working on infrared measurement standards and thermal imaging. She is a physics graduate of the University of Southampton.

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Dag Altin	BioTrix
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Ana Amorim	FCT
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Andy Booth	SINTEF Ocean

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Telmo Carvalho	Ministry of the Sea of Portugal
Miguel Castrillo	European Technology Platform for High Performance Computing
João Castro	Universidade de Évora, MARE
Friedrich Catoir	Former German Ambassador
Ana Margarida Coelho	Cascais Ambiente, EMAC
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Raquel Costa	Portugal Government
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Inês Cruz	IDL/FCUL
Sara Cunha	LAQV-Requimte
Giuseppe Andrea De Lucia	CNR-National Research Council (Italy)
Willem De Moor	JPI Oceans Secretariat

List of Participants

Name	Organisation
Mario Dogliani	Sea Europe
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Cecilia Donati	Mercator Ocean
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João Ferreira	Abyssal
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Tomohiko Fukushima	Japan Agency for Marine-Earth Technology Science and Technology (JAMSTEC)
Geir Gabrielsen	The Norwegian Polar Institute
Jesus Gago	Instituto Español de Oceanografía (IEO)
Maria Ines Gameiro	ISCTE-Lisbon University Institute / Law School, NOVA University, Lisbon
Juan Carlos Garcia Carrasco	CENTRO PARA EL DESARROLLO TECNOLÓGICO E INDUSTRIAL (CDTI)
Zandra Gerdes	ACES, Stockholm University

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Name	Organisation
Gunnar Gerdtz	Alfred-Wegener-Institute
Berit Gewert	Stockholm University
Anupam Ghosh	Asian Marine Conservation Association
Vineeta Ghosh	Asian Marine Conservation Association
Matthew Gianni	Deep Sea Conservation Coalition
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Jorge Goncalves	CCMAR
Amparo Gonçalves	IPMA/DMRM/DivAV
Emanuel Gonçalves	Oceano Azul Foundation
Luis Gonçalves	University of Minho
David González Martínez	MINECO
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Maria Granberg	IVL Swedish Environmental Research Institute
Ivo Grigorov	DTU Aqua
Sigi Gruber	European Commission - DG R&I
Carlos Guedes Soares	Centre for Marine Technology and Ocean Engineering (CENTEC), Universidade de Lisboa
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Georg Hanke	European Commission Joint Research Centre
John Hanus	JPI Oceans Secretariat
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Paul Holtus	World Ocean Council
Takanori Ishizuka	E&E Solutions Inc.
Annika Jahnke	Helmholtz Centre for Environmental Research - UFZ
Kornelija Janavičiūtė	Research Council of Lithuania
Eric Karsenti	Tara Oceans
Winfried Keiper	EuMaT
Patricia Killian	Marine Institute Ireland
Tanja Kögel	NIFES (Nasjonalt institutt for ernærings- og sjømatforskning)

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Kaisa Kononen	BONUS Science for a better future of the Baltic Sea region
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Pierre-Yves Le Traon	Ifremer and Mercator Ocean
Marie-Françoise Lequentrec-Lalancette	French Hydrographic and Oceanographic Office (Shom)
Gilles Lericolais	IFREMER
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