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Speakers' Biographies

16 – 17 April 2015

Research and
Innovation

PALAIS D'EGMONT
BRUSSELS, BELGIUM



OPENING

CARLOS MOEDAS

Commissioner for Research, Innovation and Science

Carlos Moedas has been Commissioner for Research, Innovation and Science since 2014.

Prior to that, Mr Moedas has worked as Secretary of State to the Prime Minister of Portugal from 2011 until 2014 and Member of the Portuguese Parliament in 2011. From 2010 until 2011 he worked as Senior Economic Advisor of the Portuguese Social Democratic Party (PSD). In 2008 he founded the Crimson Investment Management and worked as Managing Director and Member of the Executive Committee Board of Aguirre Newman from 2004 until 2008. From 2002 until 2004 he worked as Consultant on mergers and acquisitions, Deutsche Bank and Eurohypo Investment Bank and he was Investment Banking Associate at Goldman Sachs from 2000 until 2002. From 1993 until 1998 he worked as Engineer and Project Manager at Suez Group.

Mr Moedas is of Portuguese Nationality. He earned a Degree in civil engineering at the Instituto Superior Técnico de Lisboa, Portugal, and an MBA at the Harvard Business School, US.



KARMENU VELLA

Commissioner for Maritime Affairs and Environment

Karmenu Vella has been Commissioner for Environment, Maritime Affairs and Fisheries since 2014.

Prior to that, Mr Vella was Minister for Tourism and Aviation of Malta from 2013 until 2014. From 2010 until 2013 he was Chairman of the Orange Travel Group and from 2008 until 2013 he was the Group Coordinator for the Labour Party Parliamentary Group. From 2008 until 2010 he was the Executive Chairman of Corinthia's Mediterranean Construction Co and from 2001 until 2007 the Executive Chairman of Corinthia Hotels International. Mr Vella has been Minister

for different sectors of the Maltese government: Tourism Minister (1996-98), Industry Minister (1984-87), and Minister for Public Works (1981-83). Since 1976 he is Member of the Maltese Parliament

Mr Vella is of Maltese Nationality. He earned a Bachelor's degree in Architecture and Civil Engineering and a Masters degree in Tourism Management.

Individual Remarks

SIMON COVENEY

**Minister for Agriculture, Food & the Marine and Minister for Defense,
Ireland**



Mr. Coveney holds a B.Sc. in Agriculture and Land Management from The Royal Agriculture College, Gloucestershire. He was also educated at Clongowes Wood College, County Kildare; University College Cork and Gurteen Agricultural College, County Tipperary.

Mr. Simon Coveney T.D. was appointed as Minister for Agriculture, Food, and the Marine on March 9th 2011. Mr. Coveney chairs the Marine Coordination Group which brings together representatives of Departments and Agencies with an involvement in marine issues to drive forward the Governments joined up Marine Strategy and coordinate issues that require cross-Departmental action.

For the six month period to the end of June 2013 Mr. Coveney chaired the EU Council of Agriculture & Fisheries Ministers where he was at the forefront regarding EU efforts in respect of Common Fisheries (CFP) Policy reforms. Under his chairmanship, negotiations were finalised under the Irish Presidency, with a reform package for CFP agreed in May 2013.



RICARDO SERRÃO SANTOS

Member of the European Parliament

He has been elected Member of the European Parliament since 2014. He is a full member of the Fisheries Committee and the Delegation for Relations with Canada. He is also a substitute member of the Agriculture Committee and the Delegation for Relations with the United States and Relations with Andean Community.

He has a Doctorate from the University of Liverpool and the University of the Azores. He is a member of the Scientific Council of the Oceanography Institute of Paris and a Visiting Professor at the University of Southampton. He is the Vice-President of the European Marine Board and President of both EurOcean and the EurOcean Foundation. He was chairman of Institute of Marine Research and Pro-Rector of the University of the Azores. He was the Director of the Department Oceanography and Fisheries of the University of the Azores. He is member of the Regional Council for the Strategic Cooperation of the Azores and of the Inter-sector Council for Azorean Sea Affairs. He was chairman of the Programme for the Observation of Fisheries in the Azores. He coordinated the selection of contents for the Azores Pavilion in the World Expo of 1998. In 2007, he coordinated a meeting of international experts for the UN Convention on Biodiversity, which defined the scientific criteria for the selection of marine EBSA (Ecological and Biological Significant Areas), adopted in COP9 in Bona.

He has received honourable mentions and awards, among them the Autonomous Insignia of Recognition given by the Azores Region (2012) and the Gift to the Earth by WWF in June 2002. Prince Albert II of Monaco honoured him with the title "Chevalier de l'Ordre de Saint Charles" (2013).

VERA BARROUIN MACHADO
Brazil Ambassador to the European Union

Vera Lúcia Barrouin Crivano Machado – Born in Rio de Janeiro, 14 July 1946. Ambassador Machado joined the diplomatic academy of the Ministry of External Relations in 1967.

Early in her career, she headed the International Relations Office of the National Commission for Nuclear Energy, becoming later Chief of Cabinet. She was posted to the Brazilian Embassies in Mexico City, Madrid, Washington, as well as in the Consulate-General in Miami.

In the Ministry of External Relations, Ambassador Machado headed the Division of Asia and the Pacific, the Division of Energy and Mineral Resources and, in the capacity of Spokeswoman for the Foreign Minister, the Press Secretariat, as well as the Department of Asia and the Pacific. In 1996, she wrote a thesis on “The Popular Republic of China: economic reform and relations with Brazil.” In 1999, she became Ambassador of Brazil to India, along with Nepal, Maldives and Sri Lanka. From 2004 to 2009, she was Ambassador to the Holy See and the Sovereign Order of Malta.

From March 2009 to May 2013, Ambassador Machado was Under-Secretary General for Political Affairs of the Ministry of External Relations of Brazil. Ambassador Machado is currently the Head of the Mission of Brazil to the European Union.



ANTHONY L. GARDNER
US Ambassador to the European Union

Anthony L. Gardner was sworn in as the US Ambassador to the European Union on February 18, 2014.

Prior to assuming his current position, Ambassador Gardner was Managing Director for six years at Palamon Capital Partners, a private equity firm based in London. Previously, Ambassador Gardner served as an Executive Director in the leveraged finance departments of Bank of America and GE Capital and as a Director in the international acquisitions group of GE International, all based in London. He has also worked as a Senior Associate at international law firms in London, Paris, New York, and Brussels. Ambassador Gardner served as Director for European Affairs on the National Security Council in 1994-95. During that period, he worked closely with the US Mission to the European Union to launch the New Transatlantic Agenda, and he also participated in the launch of the Transatlantic Business Dialogue. Prior to his government service, Ambassador Gardner worked with the Treuhandanstalt (German Privatization Ministry) in Berlin, with the Commission des Operations de Bourse in Paris, and as an intern at the Directorate General for Competition Policy at the European Commission in Brussels. He is the author of A New Era in US-EU Relations?: The Clinton Administration and the New Transatlantic Agenda and numerous articles on EU affairs.

Ambassador Gardner holds a BA in Government from Harvard University, an MPhil in International Relations from Oxford University, a JD from Columbia Law School, and a Masters in Finance from London Business School. He is also a member of the Council on Foreign Relations, and has served as Trustee of the Guggenheim UK Charitable Trust, and a Board Member for the Peggy Guggenheim Collection in Venice. Ambassador Gardner is fluent in French, Italian, and Spanish, and also speaks German.

CLAUDE WHORER

Secretariat General for the Sea, France



Mrs Claude Wohrer graduated as a doctor in ocean sciences from the University of Paris.

She undertook research on environmental issues of nuclear plants, and spent several periods in practicing research in ocean sciences both in France and overseas.

From 2003 to 2006 she was in charge of coordinating research & technology partnerships between MoD and other French governmental offices and universities.

She created an ad hoc platform on environmental conservation.

From April 2006 to April 2007, she was part of the Inter-ministerial Committee on the Dismantling of Civilian and Military end of life ships and has been chairing technical groups on that issue within the International Maritime Organisation.

She is now attached to the “Secretariat Général de la mer” (Secretariat general for the sea - an office of the prime minister), in charge of different issues related to Integrated Maritime Policy. For the year to come, she is chairing the informal Atlantic Strategic Group.



THOMAS AUF DER HEYDE

Deputy Director-General for R&D support South Africa

Dr Thomas Auf der Heyde (South Africa) is currently Deputy Director-General (Research Development and Support at the South African National Department of Science & Technology (DST).

Prior to joining the DST Dr Auf der Heyde held the post of Professor and Executive Director for Research and Innovation at the University of Johannesburg.

In 2009 he was appointed as an Extraordinary Professor in the Centre for Research on Science and Technology at the University of Stellenbosch.

Welcome Remarks

JOHN BELL

**Director for Bioeconomy for DG Research and Innovation
European Commission**



John Bell was appointed Director of the Bioeconomy Directorate in DG RTD on 16 January 2014. Before this he was the Chef de Cabinet of the European Commissioner for Research, Innovation and Science, Máire Geoghegan-Quinn. In this role, as the Chief of Staff of the Commissioner's private office, he was responsible for the strategic political and policy direction of the European Commission's policy on research and innovation and the modernisation of the European Union's Research Framework Programme, which is the world's largest publicly funded research programme. He has been a European Commission official since 1993. During his career to date he has worked on humanitarian aid assistance programmes in the former Yugoslavia and in Albania, as well as public administration reform in Central and Eastern Europe. At senior level he was a member of the cabinet of Commissioner David Byrne; Head of Strategy for the Commission's food, health and consumers directorate general SANCO; and Chef de Cabinet for the first Bulgarian European Commissioner Meglena Kuneva on Consumer Affairs.

John Bell was born in Dublin, Ireland in 1963 and was educated at Synge Street CBS. His academic career began at University College Dublin where he completed his undergraduate and Masters Degree focussing on Anglo Irish studies. After a short spell in business journalism in London, his passion for Anglo-Irish studies led him to complete his doctoral thesis (D.Phil) at St John's College, Oxford University in 1993 on cultural nationalism and national identity formation in Northern Ireland in the work of Seamus Heaney.



MARIA CRISTINA RUSSO

**Director for International Cooperation for DG Research and Innovation
European Commission**

Maria Cristina Russo is the Director for International Cooperation in DG Research and Innovation since July 2013. She is responsible for promoting research and innovation cooperation with international partners in order to: strengthen the EU's scientific excellence and attractiveness; foster its industrial competitiveness; tackle global societal challenges; and support the EU's external policies, including trade, development and enlargement.

From 2010-2013 she served in DG Health and Consumer Affairs as the Head of Unit for "Financial Services and Redress". During 2004-2010 she served within the Secretariat General of the Commission as a Head of Unit, where she was responsible for the units in charge of "Relations with the Council-Coreper I", "Co-decision" and "Strategic Objective Security and Justice". From 1999-2004 she served as a member of the Cabinet of Philippe Busquin, Commissioner for Research. From 1995-1999, she was a policy officer in the Secretariat General in the unit responsible for "Relations with the Council-Coreper I". She joined the European Commission in 1992 as a policy officer in DG External Relations, dealing with "Relations with the New Independent States of the Former Soviet Union". Maria Cristina studied Political Sciences at the Luiss University of Rome and has a Master's Degree in European Studies and a Research Master's from the College of Bruges.

The Atlantic Ocean Research Alliance in a global context

SOPHIE SEEYAVE

Partnership for Observation of the Global Oceans (POGO) (UK)

Dr Sophie Seeyave is the Executive Director of the Partnership for Observation of the Global Oceans (POGO). She has a BSc (Hons) and PhD in marine science from the University of Southampton, UK.

Her scientific background is in phytoplankton ecology/Harmful Algal Blooms. She is experienced in project management and international science coordination, capacity building, communications and outreach, having worked for the Surface Ocean Lower Atmosphere Study (SOLAS) and, since 2010, for POGO.

During her time with POGO, she has been deeply involved in the planning and development of global initiatives such as the International Quiet Ocean Experiment (IQOE), the NF-POGO Alumni Network for Oceans (NANO) and the “Oceans and Society: Blue Planet” Task within GEO. She was on the Editorial Board of the “Oceans and Society: Blue Planet” book published in 2014, and on the Organising Committees of the Blue Planet Symposia in Brazil (2012) and Australia (2015). She chairs the POGO News and Information Group and created the broader grouping of marine science communications representatives called Ocean Communicators United.



HOWARD ROE

Sargasso Sea Commission (UK)

Professor Howard S J Roe BSc, DSc. is Emeritus Professor at the University of Southampton and was Director of the Southampton Oceanography Centre from 1999-2005. Roe has fifty years of research experience in marine science. The author of over 100 books, papers and reports, Roe has served as a member of numerous national and international committees. He coordinated the development of the Southampton Oceanography Centre and was Chair of the building project for the RRS James Cook.

He is a co-founder and past chairman of the Partnership for Observing the Global Ocean (POGO). In retirement Roe has served as a non-executive member of the UK Marine Science Coordination Committee, as a research assessor for several international Universities and programmes, as a delegate for the UKOT's at ICCAT Commission meetings. He was Chair of the Sargasso Sea Alliance's (SSA) Science Advisory Committee, a member of the SSA Executive and is currently Chair of the Sargasso Sea Commission.



YVES GUILLAM

International Hydrographic Organization (FR)

Yves Guillam, of French nationality, graduated in 1984 from ENSTA Bretagne, France, as an engineer in hydrography, cartography and oceanography. He spent most of his career as a military engineer working for the French National Hydrographic and Oceanographic Service (SHOM).

During his military career of 30 years, over seven of which were spent on board survey ships as technical director and surveyor, he acquired a wide experience in hydrographic and oceanographic surveying around the world. He also served for three years in the US as a staff officer in a NATO Supreme Command, responsible for the development of geospatial policies. His last positions in the French Hydrographic and Oceanographic Service were Director of Strategy, Public Services and International Relations and Deputy Hydrographer of France.

Yves Guillam has a long history of involvement in the implementation and development of regional cooperation programmes with Atlantic Coastal States in the IHO and extensive experience in maritime public policies. He was also the backbone for the development of the Memorandum of Understanding between the European Commission (DG Mare) and the IHO which was signed in April 2012, in Monaco.

In 2013, he was selected by the IHO Directing Committee for the post of Assistant Director, Charting & Services and took up that position at the beginning of July 2014 at the IHO Secretariat in Monaco. With regards to technical matters, he is in charge of hydrographic standards, the electronic navigational chart worldwide database, and undersea feature names. From a regional perspective, he looks after the IHO Regional Hydrographic Commissions covering the Arctic and Antarctic, the Mediterranean and Black Seas, and the Eastern Atlantic.



Implementing the Galway Statement: The US perspective



TERRY L. SCHAFER

Office of Oceanic and Atmospheric Research, NOAA (US)

Terry Schaefer currently serves as the Deputy Director for the International Activities Office of the Office of Oceanic and Atmospheric Research (OAR), National Oceanic and Atmospheric Administration (NOAA). He provides support to the US Representative of the Intergovernmental Oceanographic Commission of UNESCO and the Co-chair for the US-European Union (EU) Marine Working Group and implementation of the Galway Statement between the US, Canada and the EU and bilateral research collaboration.

From 2004 through 2006, Dr Schaefer served as the Executive Director for the NOAA Research Council and from 2001 through 2003; he worked as a Program Officer for the Ocean Studies Board of the National Academy of Sciences. Dr Schaefer received his Ph.D. in Oceanography and Coastal Sciences from Louisiana State University in 2001.

DONALD RICE

Division of Ocean Sciences, NSF (US)

Donald L. Rice is Director of the Chemical Oceanography Program in the Division of Ocean Sciences at the National Science Foundation. He serves currently as the chief program officer for the U.S.GEOTRACES Initiative and formerly in the same capacity for the U.S. Joint Global Ocean Flux Study (U.S.JGOFS).

From 1986 until 2011, he was Associate Editor of the Journal of Marine Research. Before coming to NSF in 1996, he held faculty appointments in the Department of Geological Sciences at the State University of New York at Binghamton, and subsequently at the University of Maryland Center for Environmental and Estuarine Studies. He received the Ph.D. in marine geochemistry from the Georgia Institute of Technology in 1979.



Implementing the Galway Statement: The Canadian perspective



ALAIN VÉZINA

Maritime Region, Fisheries and Oceans Canada

Dr Alain Vézina is Regional Director of Science, Maritimes Region, with the Department of Fisheries and Oceans (DFO) and Director of the Bedford Institute of Oceanography (BIO). As Regional Director, he is responsible for Science programs at both BIO and Saint-Andrews Biological Station. He obtained his doctorate from McGill University in 1985 and held research positions at BIO, the Chalk River Nuclear Laboratories and the Université du Québec à Rimouski before joining DFO - Québec region in 1991. He returned to BIO as a research scientist in 1999 and became division manager in 2007, when he took up the regional leadership for a number of DFO science initiatives, before being appointed Director in March 2010. He has over 60 primary scientific publications to his credit and his contributions to research span ecosystem modelling, plankton ecology, and the role of plankton in global change. During his tenure as a research scientist, he held adjunct professor appointments with the Université du Québec à Rimouski and Dalhousie University, collaborated extensively with academics on ocean research, and mentored approximately 20 graduate students, postdoctoral fellows and technicians. He has extensive experience with the management of science funds, having held grants and targeted funds from both government and academic sources. He has worked extensively with researchers worldwide on international research initiatives and help leadership responsibilities in international programs such as the Joint Global Ocean Flux Study and the Surface Ocean and Lower Atmosphere Study. Currently, he is Canadian delegate to the International Council for the Exploration of the Sea and the Intergovernmental Oceanographic Commission and sits on the Science Advisory Committees of Canadian research networks (e.g. Canadian Health of the Ocean Network and the Ocean Tracking Network). Although focused on his science management duties, Dr Vézina maintains a research interest in modelling trophic interactions in ecosystems with collaborators at the Université de La Rochelle, France.

Showcasing the Galway Statement Implementation through Horizon 2020 projects

NIALL MCDONOUGH European Marine Board

Dr Niall McDonough is Head of the European Marine Board, Europe's foremost marine science policy think-tank, delivering strategy and foresight to advance European research focused on seas and oceans. Niall originally trained as a marine biologist with research interests in aquaculture, fisheries and marine resource management. He has previously held management roles with the Environmental Change Institute at NUI Galway, and the Centre for Marine Resources and Mariculture at Queen's University Belfast, attracting significant research funding to both centres and coordinating a number of national and international research projects. While with Queen's he provided scientific advice to the Northern Ireland Government and chaired the Northern Ireland Review of Inshore Fisheries in 2005-2006. From 2007 to 2009 he worked with the Irish Marine Institute's International Co-operation Programme, developing Ireland's international collaborative research efforts in marine science and technology.



PETER HEFFERNAN Marine Institute Ireland

Dr Peter Heffernan was appointed as Chief Executive of the Marine Institute, Ireland's national agency for marine research and development, in 1993 and since then it has grown from a staff of one to over 200 and a budget of €45million. The Institute covers a number of areas, Marine Environment and Health Services, Fisheries Science Services, Oceanographic Science Services, Aquaculture and Catchment Management Services, Irish Maritime Development Office, Strategic Planning and Development Services, and Corporate Services. Dr Heffernan, the first employee of the Institute, has delivered two custom built multi-purpose research vessels, the Celtic Voyager and the Celtic Explorer. He oversaw the design, construction and commissioning of the Institute's new world class headquarters at Rinville, Oranmore, Co. Galway. Dr Heffernan currently leads a major multi-partner Coordination and Support Action which is funded by the European Commission under the "Blue Growth part of the Horizon 2020 Programme entitled 'Atlantic Ocean Research Alliance Coordination'.

Following his PhD in NUI Galway Dr Heffernan worked at the University of Georgia in the U.S. (1985-92). Dr Heffernan is a member of the Royal Irish Academy; Adjunct Professor Marine Science NUI Galway, 2008 Alumni Award Winner (Natural Sciences) in NUI Galway and former Irish (RNLI) Maritime Person of the Year (2003).

MARTIN VISBECK
GEOMAR (DE)



Martin Visbeck holds the physical oceanography chair at GEOMAR Helmholtz Centre for Ocean Research Kiel and is professor at Kiel University, Germany. Martin's current research is concerned with ocean and climate variability and change with particular emphasis on the circulation of the Subpolar North Atlantic. Martin has been serving on several advisory committees.

Currently, he is the co-chair of the World Climate Research Project CLIVAR, a member of the German National Committee for Global Change Research, the German Committee Future Earth, and is Speaker of the Kiel Cluster of Excellence 'The Future Ocean', which is advancing integrated marine sciences.

Martin is a member of the leadership council of the Sustainable Development Solutions Network – a global initiative for the United Nations that mobilizes scientific and technical expertise from academia, civil society, and the private sector in support of sustainable development problem solving at local, national, and global scales.



SUSAN AVERY
Woods Hole Oceanographic Institution (US)

Susan K. Avery, who received her doctorate in atmospheric science from the University of Illinois in 1974, is President and Director of the Woods Hole Oceanographic Institution and past director of the Cooperative Institute for Research in Environmental Sciences at the University of Colorado, Boulder. Her research activities include atmosphere dynamics, precipitation, and radar observing systems. As an atmospheric scientist, she has addressed a multitude of national and international forums, including TEDx Boston and several Congressional committees, to convey the importance of understanding the Earth as a system connected by ocean, atmosphere, terrestrial, and human

interactions. She has served on numerous scientific boards, committees and commissions at the highest levels, and is currently one of two U.S. representatives named to a United Nations Scientific Advisory Board to provide guidance about science, technology and innovation for sustainable development. She works tirelessly to promote interdisciplinary discovery research, problem-oriented research with particular application to societal needs, and the synergistic development of ocean technologies.

DOUGLACE WALLACE

Marine Environmental Observation Prediction and Response Network (CA)

Presently, he is Scientific Director of Canada's Marine Environmental Observation, Prediction and Response Network of Centres of Excellence (www.meopar.ca) as well as Director of the Transatlantic Ocean System Science and Technology Graduate School (www.tosst.org). Douglas Wallace presently also holds the Canada Excellence Research Chair in Ocean Science and Technology at Dalhousie University in Halifax, Canada. Prior to taking up this Chair in 2011, Wallace was Professor of Marine Chemistry at the Leibniz Institute of Marine Sciences in Kiel, Germany (now GEOMAR). There, he also served as Deputy Director and Head of the Marine Biogeochemistry Research Division.

Doug Wallace also pioneered the establishment of an ocean and atmosphere observatory on the Cape Verde Islands off the West African coast. He holds a PhD in chemical oceanography from Dalhousie University and a bachelor's degree in environmental science from the University of East Anglia, United Kingdom. His research focuses on observation-based approaches to understanding the cycling of trace gases, including CO₂, between the ocean and the atmosphere as well as the cycling of nitrogen and other key elements within the ocean. Wallace spent more than a decade working as a scientist at the Brookhaven National Laboratory in the United States. He has made significant scientific contributions to his field through his leadership of the first survey to measure the global distribution of fossil-fuel carbon in the oceans as well as contributions to the Intergovernmental Panel on Climate Change, the international Surface Ocean Lower Atmosphere Study and other initiatives. He has authored or co-authored more than 100 papers, book chapters and reports.



ANDREI POLEJACK

Ministry of Science, Technology and Innovation Brazil

Biologist, Andrei holds an MSc in Ecology from the Universidade de Brasília and serves as the Coordinator for Ocean Sciences and Antarctica at the Ministry of Science, Technology and Innovation (MCTI). His experience includes the provision of technical advice on actions of governance, analysis of research projects, the formulation and implementation of public policies, settling international cooperation and others. Capable of both understanding research methods and governmental decision making process, he works towards bridging the gap between the Brazilian Marine and Antarctic Scientific communities and the Governmental decision-makers.

JAN BART CALEWAERT
SeaScape UK (BE)



Jan-Bart Calewaert trained as a bio-engineer (cellular and genetic biotechnology) and marine management specialist. Over the years, he has contributed to a wide range of multidisciplinary research projects and science policy advisory initiatives for institutes and organisations in Belgium and Europe including the Maritime Institute (UGent), Laboratory of Environmental Toxicology and Aquatic Ecology (UGent) and Flanders Marine Institute (VLIZ). At the European Marine Board Secretariat, he coordinated foresight and policy activities in working areas such as marine biotechnology, oceans and human health and marine pollution. Jan-Bart joined Seascope Consultants in 2013, bringing expertise in coordination of science support activities, marine environmental management, project coordination and science policy communication. For Seascope, he heads the Secretariat of the European Marine Observation and Data Network (EMODnet) and supports communication and stakeholder engagement activities of selected European marine research and coordination projects.

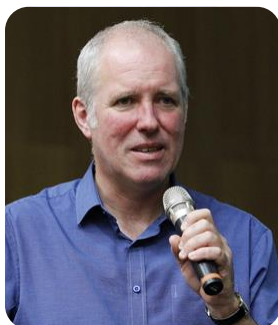


ALEXEI SAVCHENKO
University of Toronto (CA)

Alexei Savchenko completed his undergraduate studies in Molecular Biology at the Yerevan State University (Armenia) and a Ph.D. thesis in Molecular Microbiology at the Université de Nantes (France). After postdoctoral training in Protein Biochemistry at Michigan State University (USA), Alexei became one of the founding members of the structural genomics group at the University of Toronto where he focused on development of streamlined methodologies for the large-scale structural and functional characterization of structurally non-annotated protein families in microbial genomes. Since then Dr Savchenko's group has contributed to the determination of over 500 de novo protein structures by X-ray crystallography and to the functional annotation of a large number of bacterial virulence factors, essential gene products, antibiotic resistance proteins and novel microbial enzymes of biotechnological relevance. Dr Savchenko currently holds a Research Associate Professor position at the Department of Chemical Engineering and Applied Chemistry and adjunct Assistant Professor Position at Banting and Best Department of Medical Research (BBDMR). Dr. Savchenko is one of the founding members of Biozone Center for Applied Bioengineering Research at the University of Toronto's Faculty of Applied Science and Engineering. Dr Savchenko remains a key player in international structural genomics effort. His group participates in two National Institutes of Health (NIH, US) funded multicenter structural genomics consortiums – Midwest Centre for Structural Genomics (www.mcsg.anl.gov) and Center for Structural Genomics of Infectious Diseases (www.csgid.org), where it primarily contributes to structural and functional characterization of proteins involved in bacterial pathogenesis. Dr Savchenko's research is also funded by Ontario Research Fund, CHRP, NSERC and Genome Canada.

ALEXANDER YAKUNIN
University of Toronto (CA)

Alexander Yakunin completed a M.Sc. degree in Molecular Biology in Moscow State University (Moscow, Russia) in 1978 and received his PhD in Microbiology from the Institute of Microbiology (Moscow) in 1987. Presently, he is an Associate Professor in the Department of Chemical Engineering and Applied Chemistry (University of Toronto). His group is part of the BioZone Centre for Applied Bioscience and Bioengineering, as well as of the Structural Proteomics in Toronto (SPiT) Centre. Research in Yakunin's group is focused on enzyme discovery, specifically on the functional annotation of unknown proteins using enzymatic screening and biochemical characterization of novel enzymes, with a particular emphasis on novel enzymes for industrial applications.



KENNETH BLACK
Scottish Marine Institute (UK)

Professor Kenneth Black (m) has been a researcher in marine science at SAMS, Oban, Scotland since 1991. He has published 68 ISI peer-reviewed journal papers and been awarded over 50 research grants as PI or co-PI. He has edited and co-edited 6 books on environmental aspects of aquaculture and contributed chapters to several other volumes. He has supervised 10 PhD students to successful completion. He has co-ordinated 6 EU projects concerning the impacts of aquaculture and been involved in 6 others. He is presently the co-ordinator of the H2020 project Aquaspace www.aquaspace-h2020.eu.

His research interests include: 1) sustainability, energy, food, society; 2) integration of physical and biological models relating to disease and parasite management in aquaculture; 3) Recovery processes in fish farm sediments; and 4) Indicators and models of pollution from aquaculture. Prof. Black has served on several Scottish Government working groups on a variety of aquaculture topics, as well as serving on the Ministerial Working Group for Aquaculture from its inception in 2002 till 2013. He serves on the Science Advisory Board for Marine Scotland Science and is a member of the UK Non-native Risk Assessment Panel.

JON GRANT
Dalhousie University (CA)

Jon Grant is the NSERC-Cooke Industrial Research Chair in Sustainable Aquaculture, beginning a multi-year partnership with Cooke Aquaculture. He is a Killam Professor of Oceanography at Dalhousie University, Canada's premiere ocean institution. Trained as a benthic ecologist, he has a BSc from Duke University and PhD from the University of South Carolina. Jon has worked in aquaculture-environment interactions for more than 25 years, with a research focus on ecosystem modelling, habitat mapping, and marine spatial planning.





KARIN LOCHTE

Alfred Wegener Institute (DE)

Prof. Dr Karin Lochte (*1952) has been director of the Alfred Wegener Institute for Polar and Marine Research in the Helmholtz Association situated in Bremerhaven, Germany since November 2007. Using her position to promote the large scientific tasks related to Polar Sciences, she has been acting as delegate of the “Scientific Committee on Antarctic Research” since 2008 and as vice-president since 2012. Karin Lochte is and was member of diverse national and international committees. From 2004 to 2010 she has been member of the German Wissenschaftsrat, passing the chair of the scientific commission from 2006 to 2008. From 2004 to 2011 she has been chairing the “Senatskommission für Ozeanographie”. Since 2010 she is chairing the Konsortium Deutsche Meeresforschung and the Wissenschaftliche Kommission Niedersachsen.

Prior to her directorship at the Alfred Wegener Institute, between 1990 and 1994, Karin Lochte already has been involved in scientific research at this institution on the bacterial colonisation and activity of bacteria in sea ice. From 1995 to 2007, Karin Lochte had been lecturing on Biological Oceanography, at the universities of Rostock and Kiel. From 2000 to 2007 Karin Lochte was head of the research unit Biological Oceanography at the Leibniz-Institut für Meereswissenschaften, in whose council she is actual member. From 1995 to 2000, Karin Lochte was head of the similar research unit at the Leibniz-Institut für Ostseeforschung in Warnemünde. In 1994, Karin Lochte received her Venia legendi at the University of Bremen. Prior to her professorship, Karin Lochte worked on the topic “Deep Sea Microbiology” from 1985 to 1990 at the Institut für Meereskunde, University of Kiel. Karin Lochte received her PhD in Marine Biology at the University College of North Wales, UK in 1984.

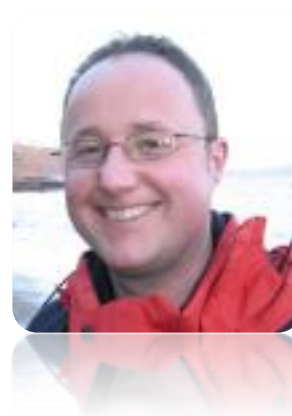
Showcasing the Galway Statement Implementation through Horizon 2020 projects

JON PARR

Marine Biological Association (UK)

Jon Parr is the Deputy Director of the Marine Biological Association with a wide remit covering operations, the development of the research infrastructure and the development of the knowledge exchange programme. He has worked with the UK National Biodiversity Network (NBN) and sits on the several groups including the NBN National Schemes and Societies group and UK-EOF Citizen science group. Jon is the Data Archive expert and on the Executive of the UK’s Marine Environmental Data Information Network (MEDIN) and involved in many European projects.

Jon is responsible for the Educational Programme of the MBA including the public Sea Life Survey, the Shore Thing Project and the Recorders conference. Jon organised and chaired the first European Marine Science Educators Association (EMSEA) conference on Ocean Literacy in Plymouth (2013) and the related workshop for the European Commission on Transatlantic Ocean Literacy. Jon is the coordinator of the new Sea Change promoting Ocean Literacy across Europe.





PAULA KEENER

Office of Ocean Exploration and Research, NOAA (US)

Paula Keener is a Marine Biologist and Director of Education Programs with the National Oceanic and Atmospheric Administration's (NOAA's) Office of Ocean Exploration and Research. Paula is a member of the European Union-United States Joint Consultative Group, Marine Working Group, serving as the US Co-lead for the Ocean Literacy Theme. She served as a member of The President's Panel on Ocean Exploration under the Clinton Administration and as a member of the National Research Council Committee on Exploration of the Seas. She is a Past-President of the National Marine Educators Association and is a member of the NOAA Education Council. Paula has spent over 300 days at sea studying the ocean and its inhabitants, both on the surface and underneath the water.

OLGA MASHKINA

ACTeon – Innovation Policy Environment (FR)

Dr Olga Mashkina is a senior environmental economist at ACTeon (France) with expertise in water and marine policy, valuation of ecosystem services, and social-economic methods and tools. Dr Mashkina also has worked with governance issues, stakeholders' engagement, knowledge creation and dissemination, and science policy interface.

Dr Mashkina has previously worked in Finnish Environment Institute, was a visiting researcher at IIASA and University of Massachusetts-Amherst. At the moment, Dr Mashkina is a coordinator for H2020 ResponSEable project on marine literacy and leader of the economic group at ACTeon.



ANNA KRISTÍN DANÍELSDÓTTIR

Matis, IS

Anna Kristín Daniélsdóttir earned her Ph.D. in Population Genetics from University College Dublin, Ireland in 1994. She is the Director of Food Safety, Environment and Genetics at Matis since 2008. Before, she was the Head of Department of Population Genetics, Marine Research Institute, Iceland until 2006. Then a Senior Advisor at the Icelandic Centre for Research in 2007.

She has over 25 years' experience in coordinating, managing and participating in National, Nordic and European RTD collaborative projects. She was the coordinator of the Nordic HerMix and EU-FP7 EcoFishMan projects and is now the coordinator of EU-FP7 MareFrame project. She is a member of the H2020PC SC5 before FP7 PC of the Environment since 2006.

She has been an Icelandic delegate in the Scientific Committee of IWC, ICES WGAGFM, NAMMCO and NEAFC. Member of the advisory boards for Scientific Journals and reviewer for scientific journals and funds. Supervisor and evaluator of M.Sc. and Ph.D. students. Her research work has resulted in over 50 peer-reviewed publications. She received the young scientist award by the board of the Icelandic Research Council in 2000.

CAREY BONNELL

Memorial University of Newfoundland (CA)

Carey began his career in 1997 as a technical assistant at the Marine Institute, progressing through roles that included a one year international work placement with MI in the Philippines in 1998. In 2000 Carey moved to Nunavut and progressed through various positions from Director, Acting Assistant Deputy Minister and Acting Deputy Minister of the Government of Nunavut's Department of Environment. Mr Bonnell joined the Canadian Centre for Fisheries Innovation early in 2005 as an Industrial Liaison Officer and was promoted to the position of Managing Director in January 2007. In January of 2010 Carey was appointed as Head of the School of Fisheries within the Fisheries and Marine Institute of Memorial University which is the position he currently holds today.



CLARA ULRICH

Technical University of Denmark (DK)

Pr. Clara Ulrich, French, Professor at the Technical University of Denmark, National Institute of Aquatic Resources (DTU Aqua). Coordinator of the EU H2020 Project "DiscardLess - Strategies for the gradual elimination of discards in European fisheries" (2015-2018).

Clara Ulrich has been working on fisheries management in more than 15 years, with more than 30 peer-reviewed scientific publications in the field. She is dealing with the broad spectrum of management problems associated with mixed fisheries – from model development and data quality to practical collaboration with fishermen and other stakeholders and authorities. Her work integrates the entire scale of decision-making, from high-level EU- and international policy down to the individual fishing business.

She is a high-profiled scientific advisor for fisheries, both at national and international level. She is Plenary member of the EU Scientific, Technical and Economic Committee for Fisheries (STECF), and has also chaired a number of working groups in the International Council for the Exploration of the Sea (ICES).

KIM TANNEBERGER

Lloyd's Register Marine (UK)

Ms Kim Tanneberger CEng, Dipl.Ing. (FH) MIMarEST is a graduate of the University of Applied Sciences, Hamburg. As Lead Specialist has successfully completed FP7 funded project MINOAS and she is working on FP7 funded project INCASS, both related to using autonomous tools for ship inspection.

She was also part of Scandinavian funded project SPIRETH which has laid the foundation to introduce methanol as a marine fuel and is also currently working on a German funded project continuing the subject matter. In addition she is a certified Laboratory Technician and has worked in water and metallic material analysis.

She has also worked in pharmaceutical process development (separation processes) and in the automotive materials sector (trim shop adhesives), before applying herself in the maintenance of engineering systems on oceanographic research vessels at the UK National Oceanography Centre for five years.





PAUL HOLTHUS

World Ocean Council (US)

Paul Holthus is the founding President/CEO of the World Ocean Council (WOC), the international business leadership alliance on corporate ocean responsibility. The WOC brings together oil and gas, shipping, fisheries, aquaculture, tourism, offshore renewables, seabed mining, and other ocean industries. The WOC is an unprecedented ocean business community that creates private sector leadership in addressing shared marine sustainability challenges. Mr Holthus has worked in over 30 countries with companies, communities, industry associations, UN agencies, international non-governmental organisations and foundations. He has held senior positions with the United Nations Environment Programme (UNEP) and international environmental organisations, including serving as Deputy Director of the IUCN Global Marine Programme. Among other things, he originated the “Coral Triangle” concept, a successful large seascape approach to international sustainable ocean development. Since 1998, Mr Holthus has worked primarily with the private sector to develop practical solutions to ocean sustainability and responsible use. He is a frequent speaker at international ocean and industry conferences. He was one of 5 people invited to be a member of the UN Secretary General’s Expert Group on Oceans for the 2012 Rio+20 conference, and is on the Advisory Committee of The Economist World Ocean Summit. He is a graduate of the University of California and University of Hawaii, was a Fulbright scholar in Australia and is an East-West Center alum.

THOMAS FUREY

Marine Institute Ireland

Thomas Furey is the Marine Institute Joint Programme Manager for INFOMAR, Ireland’s seabed mapping programme. A NUI Galway graduate in Earth Science, and MSc graduate of Bangor University, he worked offshore in the oil and gas industry in 3D seismic, before returning to Ireland to take up a consultancy role in the Irish National Seabed Survey. He now manages the Advanced Mapping Services team in Marine Institute and has a key role in supporting the technology, innovation and product development associated with INFOMAR and its vast data resources, as well as increasing the downstream use and application of the data.

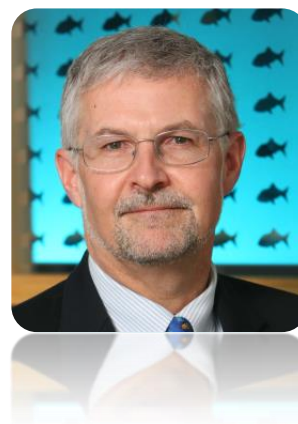


STEPHEN LOCKE

Geological Survey of Canada

Stephen is the Director of the Geological Survey of Canada (GSC) Atlantic Division, part of Natural Resources Canada (NRCan), and is also Canada’s federal lead for the Characterization of the Seafloor and Sub-surface Galway Priority. He is located in Dartmouth, Nova Scotia, at the Bedford Institute of Oceanography (BIO). Stephen is responsible for GSC marine geoscience in all three of Canada’s oceans and is the NRCan Director of Canada’s UNCLOS submission that in 2014 completed an arctic expedition mapping the seafloor in the area of the North Pole. Stephen works closely with Fisheries and Oceans Canada and other key federal departments on many Government of Canada offshore science initiatives.

FREDERICK G. WHORISKEY JR.
Ocean Tracking Network (CA)



Dr Whoriskey is the Executive Director of the Ocean Tracking Network (OTN), a global research infrastructure documenting the movements and survival of aquatic animals, and their links to environmental conditions. The OTN is headquartered at Dalhousie University, Nova Scotia. Prior to joining Dalhousie University in 2010, Fred held positions as the Vice President, Research and Environment of the Atlantic Salmon Federation (1995-2010), and as a professor at McGill University (1986 – 1995). Fred has published extensively in the area of fish biology and ecology. He has been heavily involved in public policy issues, and has worked broadly in public education and environmental impact evaluation. He received a Gulf of Maine Visionary Award in 2008, the Atlantic Salmon Federation’s Lee Wulff Award in 2010, and is a frequent public speaker.

Showcasing ongoing initiatives between Atlantic Coastal States



ANNE CHRISTINE BRUSENDORFF
International Council for the Exploration of the Sea (DK)

Anne Christine Brusendorff is the General Secretary of the International Council for the Exploration of the Sea (ICES). ICES is an intergovernmental organization whose main objective is to increase the scientific knowledge of the marine environment and its living resources and to use this knowledge to provide advice to competent authorities. Anne Christine leads the secretariat and is facilitating the implementation of the ICES Strategic Plan (2014–2018) that focuses on developing the science to support integrated ecosystem understanding.

Prior to joining ICES in 2012, Anne Christine Brusendorff spent 14 years working for the Baltic Marine Environment Protection Commission (HELCOM). Leading that organization as Executive Secretary, but has also served as HELCOM Deputy Executive Secretary, and HELCOM Professional Secretary (maritime matters). Before moving to Finland to work at HELCOM, 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 Ph.D. (International Law of the Sea and International Environmental Law) at the University of Copenhagen.

MICHAEL ST. JOHN

National Institute of Aquatic Resources (DK)

Michael St. John is a Professor at the Danish Technical University of Denmark. He has been active in a number of EU funded projects most recently acting as the Coordinator of the FP 7 project EURO-BASIN (Basin-scale Analysis, Synthesis & Integration) focusing on climate and human forcing, the subsequent impacts on ecosystem and consequences for living resources management in the North Atlantic. He has a broad research background focused on resolving the role of climatically driven oceanographic process on the structure and function of marine ecosystems and their subsequent importance for ecosystem services. He has been involved in the drafting of the scientific content of the Galway Declaration as well as fostering scientific collaborations with North America e.g. the Washington International Science Plan for North Atlantic and Arctic Research.



CISCO WERNER

National Marine Fisheries Service, NOAA (US)

Francisco (Cisco) Werner is the Director of NOAA's Southwest Fisheries Science Center. His research has focused on the oceanic environment through numerical models of marine ecosystems in the North Atlantic and North Pacific. He has studied the effects of physical forcing on lower trophic levels (nutrients, phytoplankton and zooplankton) and the subsequent effect on the structure, function and abundance of commercially and ecologically important species.

Cisco earned his BSc in Mathematics and his PhD in Oceanography from the University of Washington. Prior to joining NOAA, he was on the faculty at the University of North Carolina at Chapel Hill, and at Rutgers University where he was also the Director of the Institute of Marine and Coastal Sciences.

From 2002 to 2007 he served as the Chairman of the GLOBEC (Global Ocean Ecosystems Dynamics) International Scientific Steering Committee. He is presently the co-Editor-in-Chief of Progress in Oceanography.

RON NEWHOOK

Marine Institute, Memorial University of Newfoundland (CA)

Ron Newhook has nearly 40 years of professional experience working with the ocean technology community. In his present role as Director of Research and Development with the Marine Institute of Memorial University he has led the development of the Institute's strategic research strategy. Guided by that strategy he works closely with researchers across the Institute and with the broader researcher community at Memorial University in the development and implementation of applied R & D projects and initiatives that respond to the needs and challenges of the oceans community in Newfoundland and Labrador, across the country and around the world.

Prior to his appointment with the marine institute Ron spent over 12 years as President and CEO of the Canadian Centre for Marine Communications (CCMC) where he led a team of highly qualified people dedicated to developing and delivering a suite of initiatives focused on building capability, capacity and business opportunities within the national ocean technology sector in Canada where he developed an extensive provincial, national and international network among its leaders and key stakeholders. Ron was a delegate to the conference that developed the Galway Declaration in 2013 that launched the Canada/EU/USA Trans-Atlantic Research Alliance and subsequently has become an active member of the Canada-EU Marine Working Group that is working to encourage and support tri-lateral research collaboration. Ron is a graduate of the Memorial University School of Engineering. During his career he has worked closely with the ocean technology research and development community, initially with the Government of Newfoundland and Labrador Department of Fisheries (now the Department of Fisheries and Aquaculture). Prior to joining CCMC he worked with the broader technology research and development community in Newfoundland and Labrador as a Manager for Business Development with the Newfoundland and Labrador Department of Development (now the Department of Innovation, Business and Rural Development). Mr. Newhook has an extensive knowledge of the innovation process, particularly as it applies to the challenges faced by emerging high tech companies.



SHEILA PATERSON

Government of Nova Scotia (CA)

Sheila is a Professional Engineer with the International Commerce Division at the Nova Scotia Department of Economic & Rural Development and Tourism, Canada. In her role, Sheila builds relationships with business, researchers, facilitating organisations and governments to implement strategy to advance the province's international links in science, technology and innovation.

She graduated from Dalhousie University with degrees in Chemical Engineering and in Science. Prior to joining government seven years ago, Sheila held process engineering roles with a high tech electronics manufacturer, led a custom electronics product design group, and worked in the aerospace sector in continuous improvement engineering.

DAVID HÏTCH
INNOVATE UK

David joined Innovate UK in June 2013 as Lead Technologist for Offshore Renewables, his role includes the development of targeted funding competitions for the offshore wind, wave and tidal stream industries and the organising of events in support of active projects and programmes.

David has more than ten years of experience in the aerospace and renewables sectors including more than seven years in the wind industry working in a variety of roles including market analysis, technology development, wind resource assessment and turbine design. He has previously worked for BVG Associates, RWE npower renewables and Garrad Hassan (now DNV GL) and has built up a good awareness of the offshore wind supply chain, wind farm development process and economic drivers for wind farm projects. David has also previously been involved in the Offshore Wind Accelerator wake effects programme and provided significant input into The Crown Estate's cost reduction pathways study.

David became involved in the marine energy industries since joining Innovate UK and has rapidly developed his understanding of these sectors and technologies having worked with a number of technology research and innovation projects.



INJI YAGHMOUR
Government of Quebec (CA)

Ms. Inji Yaghmour cumulates more than 15 years of experience in the establishment of relationships between Québec and Europe. She has a background in business administration and a strong interest in the development of partnerships. She was involved in many strategic initiatives, as the Euro Affaires platform. Between 2006 and 2008, she was the secretary of the Quebec's interministerial committee for the pre-negotiations of what is now the CETA. In 2011, she was part of the team organising the Canada-EU Innovation Forum (held in Montreal). She is now responsible for international collaboration in research and innovation between Québec, Germany as well as the EU.

TORE NEPSTAD
Institute of Marine Research (NO)

Mr Tore is the CEO/Managing director of the Institute of Marine Research (Norway) since 2004. Previously, Mr Tore was the CEO/COO of Haukeland University Hospital (Norway) from 1988 until 2004. He is a graduate of the University of Bergen and Royal Norwegian Naval Academy, and received a PhD-scholarship at Norwegian Council for Leadership and Management studies.

Mr Tore will present the initiative entitled "Norway: Cooperation with Atlantic Coastal States" which describes cooperation between Atlantic states (both sides of the Atlantic) and Norway. The Atlantic States in object are: Europe, USA, Canada, Africa, South America and Caribbean.





THOMAS JUNG
Alfred Wegener Institute (DE)

Prof Thomas Jung is an expert in climate analysis, modelling and prediction from the Alfred Wegener Institute (AWI), Helmholtz Centre for Polar and Marine Research in Germany. He has received his PhD in atmospheric physics from the Institute for Marine Research, Kiel, Germany. He then went on to work for 10 years in the research department of the European Centre for Medium-Range Weather Forecasts (ECMWF) in the UK. Prof Jung is head of the Climate Dynamics section at the AWI and full professor for physics of the climate system at the University of Bremen. He is also spokesperson of AWI's research programme and acts as the chair of the Polar Prediction Project of WMO's World Weather Research Programme. Since 2012 Prof Jung is co-chair of the Arctic programme of the European Climate Research Alliance (ECRA); and more recently he has taken over the co-lead of the research task team of WMO's EC Panel of Experts on Polar Observations, Research and Services (EC-PORS).

JAN-STEFAN FRITZ
German Marine Research Consortium (DE)

Jan-Stefan Fritz is Head of the Brussels Office of the German Marine Research Consortium (KDM) and a Senior Research Associate in the Institute of Intercultural and International Studies at the University of Bremen.

Since moving to Brussels in 2003 he has represented different German research organizations to the EU. He now represents KDM in several EU research projects, including as Work Package Leader for Engagement & Communication in AtlantOS. Stefan holds a Ph.D. in International Relations from the London School of Economics and Political Science.



GILLES LERICOLAIS
IFREMER (FR)

Dr Gilles Lericolais has been a marine geologist/geophysicist at IFREMER since 1984. He has been chief scientist for more than 10 scientific cruises. From 1997 to 2011, he has been leading a collaborative project focused on sedimentary records and processes across marine margins. He has been the coordinator of the 5th FP ASSEMBLAGE project dealing with the Black Sea sedimentary systems. He has also been the regional coordinator for the Black Sea in the 6th FP HERMES Project and the WorkPackage leader for the HYPOX FP7 project. 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". In 2007, he was nominated as an expert for IODP and acted as Vice-Chair (2009-2010) and Chair (2011-2013) of the Site Survey Panel for IODP. Dr Lericolais is the author of over 700 communications and publications (HI=25) and was Habilitate to lead Research (HDR) in 2009, he is a member of the European Marine Board and one of its vice-chair, ESF and EurOcean and an alternate member of the Management Board and Executive committee of the JPI Oceans. He has been appointed Chair of the ECORD Facility Board. In 2011, he was appointed as Director of the European and International Affairs of IFREMER and therefore participates to the Management Board of IFREMER.

MOACYR CUNHA DE ARAÚJO FILHO
Federal University of Pernambuco (BR)

Civil Engineering by the Federal University of Pernambuco (UFPE), Brazil. MSc. in Hydraulics and Sanitation by the University of São Paulo (USP), Brazil. DSc. in "Physique et Chimie de l'Environnement" by the Institut National Polytechnique de Toulouse (INPT), France. Associate Professor and vice-director of the Department of Oceanography (DOCEAN-UFPE), Brazil. Director of the Centre for Risk Analysis and Environmental Modelling (CEERMA-UFPE), Brazil. Member of the Scientific Steering Committee and co-chair of the Project Prediction and Research Moored Array in the Tropical Atlantic (PIRATA). Co-chair of the WG 1-Scientific Basis of the Brazilian Panel on Climate Change (PBMC). External invited member of the Conseil Stratégique d'Orientation and Scientifique de la Flotte Océanographique Française (COSS-Flotte). Member of the Atlantic Implementation Panel (AIP) of the Climate and Ocean: Variability, Predictability and Change/World Climate Research Programme (CLIVAR/WCRP).



FABRICE HERNANDEZ
Mercator (FR)

Dr Fabrice Hernandez was born the 10/9/66 in Paris. He obtained a Master degree in physics in 1989 at the Paris VII University. He joined the CLS Space Oceanography Division in 1991 for a PHD on oceanography and satellite altimetry. Then joined the CLS Ocean Studies Department, as physical oceanographer researcher. He has been involved in many projects using satellite and other dataset to study the ocean dynamics, but also geodetic aspects in different areas, and contributed to several EU-funded project (CANIGO, GANES, ENACT, GOCINA). He contributed to the operational oceanography Mercator project since the beginning in 1995 as an ocean data expert. In 2004 he joined IRD (Institut de Recherche pour le Développement), and kept working at Mercator Océan to lead the validation activity. Member of the Mercator scientific council, and Head of the Mercator Validation Department, he has been involved in the R&D EU-funded MERSEA project, building the bases of the future operational oceanography Marine Core Service of the European Copernicus Program (MyOcean projects). He has been also coordinated the GODAE international project intercomparison activities. In this framework, he is participating to the CLIVAR ORA-IP initiative, aiming to provide an Ocean Synthesis from state-of-the-art global ocean reanalyses. He is also member of several scientific committees, in particular, since 2006, the Scientific Steering Group of the PIRATA mooring array international program. From this committee, he has started collaboration with tropical Atlantic experts in the USA, Brazil and Africa. He contributed to the AMMA/EGEE oceanic studies of the African monsoon project. Its collaboration in Brazil has been enhanced by two visiting periods at federal university in Recife, in 2010 and 2011, contributing to several projects (Transat, BIO-NE, INCT), and focusing on the modelling aspects of the western tropical Atlantic ocean dynamics. On the same topics, he is now involved in the EU-FP7 PREFACE/ H2020 AtlantOS projects. As part of IRD academic and building capacity activities, he contributes and teaches, since 2009, in the Master program of oceanography, in Cotonou, Benin (Abomey Calavi and Toulouse universities Master degree).

CARLOS DANIEL FERREIRA SANTOS
National Institute for Fisheries Development (CV)



A multi-disciplinary professional, educated in Germany, Portugal and Cape Verde Islands, with experience in project management, new companies set up and management, public administration and international project coordination, with curriculum in both, the public and the private sector. Since 1999 a close collaborator to the Cape Verdean Institute for Fisheries development and ocean research (since 2009 Member of the Governing Board and since 2005 Director for Fisheries Promotion and Development), focused on both, artisanal and industrial fisheries, but especially the social-economic aspects related to fisheries communities as well as sustainable exploitation of marine resources. Since 2004 national coordinator of the scientific cooperation between Germany and Cape Verde, in fields related to oceanography, marine conservation and ocean sustainability. For the past 10 years the Cape Verde national deputy coordinator of the CVOO (Cape Verde Times Series Ocean Observatory). Internationally funded project managed or coordinated includes: technical coordination and survey of the construction of ten large tuna fishing vessels, financed by the African Bank for Development, national coordination of the construction and installation of 110 large scale fixed FADs (Fish Aggregating Devices), financed by the United Nations and national coordination of the Technical Cooperation Project – Aquaculture Planning and Piloting in Cape Verde, funded by the Food and Agriculture Organization (FAO) of the United Nations. In 2012 coordinated the risk assessment for the introduction of red Florida tilapia into Cape Verde, undertaken by prominent international scientist from four continents. Between 2010 and 2013 coordinated the first National Strategic Framework for Aquaculture Development, followed by a National Aquaculture Action Plan. Particular insights into Cape Verde regional politics, social and economic environment gained through 5 years of collaboration with the local financial newspaper “Cifrao”, as a by-monthly columnist.



CORDULA ZENK
Coordinator German-Cape Verdean Cooperation GEOMAR (DE)

After my university-entrance diploma, I spent a year abroad in Lisbon to study Portuguese. In 2004, I graduated as a professional foreign language correspondent and interpreter in economics. At GEOMAR Helmholtz Centre for Ocean Research Kiel I started as an assistant to Prof. Dr Karin Lochte in 2007.

Shortly after, I was called by Prof. Dr Douglas Wallace to assist him with the scientific cooperation he had initiated three years before with the National Institute for Fisheries Development (INDP) of the Republic of Cabo Verde. Steadily growing interactions between the institutes in Kiel and in Mindelo, Cabo Verde, made it necessary to create a permanent position to coordinate all multifunctional activities

between INDP, various authorities and government representatives.

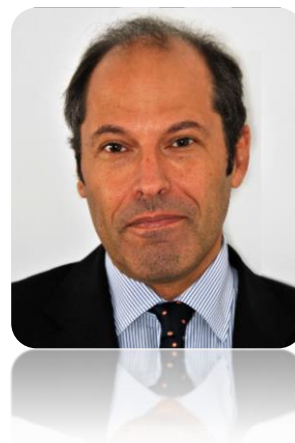
Since 2010, Prof. Dr Arne Körtzinger has taken the responsible leadership at GEOMAR and I have been appointed the official institute’s coordinator of the partnership. Currently, I am the focal point at GEOMAR for the ongoing construction of the Ocean Science Centre Mindelo, a science and logistics centre that will be made available to the marine and atmospheric science communities for long-term observational studies in the tropical Northeast Atlantic.

JOÃO FONSECA RIBEIRO

Director General for Maritime Policy (PT)

João Fonseca Ribeiro, Director General for Maritime Policy, is a Navy captain with a 25 year's naval service career, either on naval, joint and combined forces and staff, and mostly dedicated to operations, communications and information systems, as well as interagency and international cooperation. More recently, he served as technical advisor to the Head of the Task-Group Maritime Affairs and, lately, to the Secretary of State for the Sea in the Ministry of Agriculture, Sea, Environment and Spatial Planning.

Since February 2012, and under the new governance structure for the Ocean management, he becomes Director-General Maritime Policy. He is participating in the coordination, definition and implementation of the National Ocean Strategy and, within the EU, is the High Level Focal Point for the Integrated Maritime Policy, and Multinational Coordinator for the Atlantic Strategy Group within the EU Maritime Strategy for the Atlantic Area Action Plan. Under the EEA Grants Financial Mechanism he is the Programme Operator for the Integrated Marine and Coastal Water Management.



COLEEN MOLONEY

Director of the Marine Research Institute / Department of Biological Sciences at the University of Cape Town (SA)

Dr Coleen Moloney is Director of the Marine Research Institute and Associate Professor in the Department of Biological Sciences at the University of Cape Town. Her research interests involve the variability and dynamics of marine food webs and ecosystems under global change. She is interested in the interplay among physical, chemical and biological processes spanning many time and space scales. She has authored or co-authored over 100 scientific publications and (co)supervised 13 PhD and 25 Masters students. She has served on scientific committees and working groups for a number of international projects and editorial boards JGOFS, GLOBEC, SPACC and IMBER, and is currently on the editorial boards of journals.

KURT VANDENBERGHE

**Director for Climate Action and Resource Efficiency
DG Research & Innovation
European Commission**

Since July 2013 Director for Climate Action and Resource Efficiency at the European Commission's DG Research and Innovation. From 2008 to June 2013 Head of the cabinet of European Environment Commissioner Janez Potočnik and between 2004 and 2008 Deputy Head of Cabinet of European Research Commissioner Potočnik.

Between 1999 and 2004 Member of the Cabinet of European Research Commissioner Philippe Busquin. Joined the European Commission in 1996 in DG Transport. Before the Commission worked four years as a Manager at Ernst & Young Association Management. Degree in French and Italian literature at the Katholieke Universiteit Leuven (KUL), in Public and International Affairs at the Université Catholique de Louvain-la-Neuve (UCL) in Belgium and Master of Arts degree in International Relations at the John Hopkins University School of Advanced International Studies (S.A.I.S.) in Bologna, Italy and Washington D.C., US.



LOURDES ARMESTO

JPI Healthy and Productive Seas and Oceans, Management Board (ES)

Dr Lourdes Armesto, with a doctorate on Chemistry (1987), she is Director of the Technical Department for the Environment and Natural Resources at MINECO (Spain). She manages a portfolio of projects on different aspects of environmental sciences and technologies including the coordination evaluation and monitoring of national research programmes.

She is also involved in a number of ERANETs (SEASERA, BIODIVERSA, etc.) and JPIs (CLIMATE and WATER). She represents Spain in the Governing Board of JPI CLIMATE and she is involved on the Coordination team of JPI Water. She represents Spain as Vice-chair in the Management Board of JPI "Healthy and Productive Seas and Oceans".



BERNHARD FRIESS

**Director Atlantic, Outermost Regions and Arctic
DG Maritime & Fisheries
European Commission**



Since February 2011, Bernhard Friess has been the Director of the Directorate "Atlantic, Outermost Regions and Arctic" of the European Commission's Maritime Affairs and Fisheries Directorate-General.

Mr Friess studied Law at Munich University. His career with the European Commission included assignment in the areas of Education and Training, Competition Policy and Internal Market Policy. In September 2002 he was appointed Head of the Financial Services Unit in the Directorate-General for Competition, monitoring and enforcing competition compliance in European banking, securities and insurance markets. In April 2006, he became Head of the Policy and Coordination Unit of the Commission's Internal Market Directorate-General. In June 2009, he was appointed Director of Planning, Personnel and Communication within the Internal Market Directorate-General.



CRAIG N. MCLEAN

**Assistant Administrator for Oceanic and Atmospheric Research,
NOAA (US)**

Craig McLean is the Assistant Administrator of NOAA for Oceanic and Atmospheric Research. He is in charge of laboratories and research programs that provide oceanic, weather, and climate solutions for NOAA's mission. Craig served for nearly 25 years in the seagoing uniformed service of NOAA, retiring at the grade of Captain and has been a civilian leader in NOAA since. He serves as the U.S. Representative to the Intergovernmental Oceanographic Commission (IOC), and as the Co-chair of the U.S.-European Union Marine Working Group.

ASHLEY NAIDOO

**Chief Director-Oceans and Coastal Research within the National
Department of Environmental Affairs (SA)**

Ashley Naidoo is currently the Chief Director managing Oceans and Coastal Research within the National Department of Environmental Affairs. The Chief Directorate is the research component of the Branch: Oceans and Coasts. The Branch exists to improve understanding and management of marine ecosystems. Previous to his role in Environmental Affairs, Ashley held positions in the Council for Scientific and Industrial Research, primarily in the applied marine science. Ashley Naidoo's graduate and post-graduate training is in marine sciences.





JANICE ROMAGUERA TROTTE-DUHÁ

National Institute for Oceanic and Hydrographic Research (BR)

She has graduated in Oceanography at Dalhousie University, Halifax, Canada, under the supervision of Dr Trevor Platt, from the Bedford Institute of Oceanography. At present, she serves as Special Adviser for Ocean Sciences to the Secretary of Science, Technology and Innovation of the Brazilian Navy, after having served as the General Coordinator for Ocean Sciences and Antarctica at the Ministry of Science, Technology and Innovation (MCTI) for three years. The strategic map of her job activities encompasses a reduction of the scientific and technological gap that still separates Brazil from more developed nations, through the funding and strengthening of scientific and technological infrastructure in support to oceanographic research in the Tropical and South Atlantic. At the international scenario, she takes part in some bilateral programmes regarding Ocean research between Brazil, Canada, France, Germany, the European Union, the USA, UK, as well as a strong trilateral cooperation between Brazil, India and South Africa (IBSA). She presently serves as the Brazilian representative to the PIRATA Resources Board. She is fluent in English, Spanish, French and Portuguese, with a little Italian.

LOWRI EVANS

**Director-General in DG Maritime Affairs and Fisheries
European Commission**

Lowri Evans has been Director-General in DG Maritime Affairs and Fisheries since 2010. Prior to that, she has worked in several policy areas in the European Commission notably Competition and Employment. She started her professional career in audit and accountancy with Deloitte.







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