



# PROTECTING, SECURING AND DEVELOPING THE ATLANTIC AREA

*Atlantic Stakeholder Conference*

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## SPEAKERS GUIDE



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## Keynote speakers

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**François Cuillandre** was born in Brest in 1955. He has been the Mayor of Brest and the President of Brest metropole since 2001. Throughout his political career, he has been Deputy Mayor of Brest in the 1990s, City councilor of Brest, Parliamentary deputy between 1997 and 2002 and Regional councilor of Brittany between 1998 and 2001. He also delivered public law lessons at the University of Western Brittany and lectures at the France's Institute of National Higher Defense Studies. He holds a law doctorate and a DESS higher degree in Local Administration.



**Karmenu Vella** is the European Commissioner for Environment, Fisheries and Maritime Affairs. He was born in Malta on June 1950. Mr Vella graduated in Architecture and Civil Engineering, and later obtained a Master of Science in Tourism Management from University of Sheffield. He was first elected to Parliament in 1976 and was re-elected nine consecutive times. During his political career he has been appointed Minister for Public Works, Minister for Industry and Minister for Tourism twice. Mr Vella had also held various senior posts in the private sector.



**Alain Cadec** is a French politician from Saint - Briec in France. He is a member of the Republican party and sits in the EPP Group in the European Parliament. Alain Cadec has been an MEP since 2009. Since July 2014, he is Chairman of the Committee on Fisheries. He has been rapporteur on the European Fund for Maritime Affairs and Fisheries (EMFF) and the European Atlantic Strategy. Alain Cadec was First Deputy Mayor of Saint- Briec from 2001 to 2009. He is also elected to the County Council of Côtes d'Armor since 2001, where he became the President after the departmental elections of March 2015. Alain Cadec works especially on issues relating to fisheries policy and maritime policy. It is also engaged in sport.



**Alain Vidalies** was born in 1951, in Grenade- sur- Adour, in the Landes. He holds a Master of Laws from the Faculty of Pau. He practiced law with specialization in labor law from 1979 until 2011. His political career began while studying, leading the group of socialist students and in 1976 as a parliamentary assistant to Roger Duroure, MP Landes. Since then he held numerous posts and was appointed Secretary of State for Transport, Sea and Fisheries in August 2014.



**João Fonseca Ribeiro** 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 he is the Director-General for 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.



**Jerry Lundy** was elected Councilor in his constituency in the west of Ireland which has a coastline along the Atlantic Ocean in June 2004, and was re-elected five years later in 2009, and again was re-elected in May 2014. He served as vice chairman of Sligo county council in 2006/7 and as vice chairman of the Tubbercurry/ Ballymote municipal district in 2014/15. Councilor Lundy is a member of the Northern and Western Regional Assembly, Sligo Leader Partnership Company and is the current chair of Sligo strategic policy committee for infrastructure and environment. In February 2015 the leader of the Fianna Fail party in Ireland selected councilor Lundy to serve on the 9 member Irish delegation to the Committee of the Regions in Brussels, where he sits on the CIVEX (Commission for Citizenship, Governance, Institutional and External Affairs) and NAT (Commission for Natural Resources) committees, and is also a full member of the western Balkans working group within the committee of the regions.



**Inma Valencia** is director of the representation of the Government of Cantabria to the European Union since 1998. In 2012 she was appointed Director General of Economy and European Affairs of the Government of Cantabria and is also the Managing Authority of the Interreg SUDOE Programme. She currently coordinates the tasks related to the Presidency of the Atlantic Arc Committee of the Conference of Peripheral and Maritime Regions (CPMR). Previously she coordinated the XVI edition of the Atlantic Watersports Games, held in Santander in the summer of 2010 and organized the Conference "Key topics for a European Atlantic Strategy". From 2013 until, 2015 she has been alternate member of the Committee of the Regions actively involved at the work of SEDEC and CIVEX Committees.



**Michel Hortolan** was elected on 19 February 2015 as President of the Atlantic Transnational Network (RTA-ATN) which includes the Economic and Social Committees or equivalent bodies from 15 regions of Portugal, Spain and France. Since 12 November 2011, he chairs the Economic, Social and Environmental Council of Poitou-Charentes Region of which he is a member since 2007, under the Nature Poitou-Charentes association.



**Georges Farrah**, graduated from Université de Moncton (Canada) in 1979. Mr. Georges Farrah holds a Bachelor of Administrative Sciences. Over the course of his career, he has acquired extensive experience of the business world in the Magdalen Islands (Canada). Mr. Farrah also has a career in politics. He was namely a Member of Parliament for the Magdalen Islands constituency from 1985 to 1998. During his term of office, he served as parliamentary assistant, delegated minister and chief whip. Between 2001 and 2004, he took his political involvement to the federal level, acting for instance as Parliamentary Secretary to the Minister of Fisheries and Oceans. From January 2006 to May 2014, he served as CEO of the Société des traversiers du Québec (Quebec). In 2014, he was appointed Associate Secretary-General in charge of the Secrétariat à l'implantation de la stratégie maritime (Secretariat for the Implementation of the Maritime Strategy, Government of Quebec, Canada).



**Pierre Karleskind** is an engineer (Ecole Polytechnique 2000 ENSTA Paristech 2004) specialized in oceanography. He holds a doctorate in oceanography. His thesis, which he defended at the University of Western Brittany in 2008, relates to carbon transfers in the ocean. He was elected Regional Councilor for Brittany in 2010 in charge of European affairs. Since 2012 he is Vice-President of the Region of Brittany responsible for Europe, the sea and coastline, in this capacity he leads the group Fishing the Regions of France Association. Mr Karleskind is also Vice-President of Brest Métropole and President of the Technopôle Brest-Iroise since 2014. Previously, he was a consultant in science and marine technology in Brest at Altran West.



**Jacques Fuchs** is currently Deputy Head (HoU) of the newly created Marine Resources Unit of the Bioeconomy Directorate in DG Research and Innovation. He is in charge of following the implementing of Horizon 2020 programme in support to the Blue Growth agenda with a focus on unlocking the potential of aquatic resources and marine and maritime cross-cutting research between different parts of Horizon 2020. As Deputy HoU, he also contributes to the definition and implementation of strategic research policy initiatives on innovation, sea basin strategies and engagement with citizens. Trained as a marine biologist, he has worked for more than 20 years on sustainable exploitation of marine living resources in France and abroad before joining the European Commission in 2001. In the EC, he first served as Scientific Officer in DG MARE before being appointed in 2009, Head of Sector Fisheries and Aquaculture in Directorate Food, Agriculture and Fisheries and Biotechnology in DG RTD. He received his PhD in aquaculture from the University of Marseille-Luminy, France.



**Mario Aymerich** has graduate studies in Civil Engineering and post-graduate/doctorate studies in Transport & Urban Planning at the Polytechnic Universities of Catalonia and Madrid. After working in the public and private sectors as well as in academia, he joined the EIB in 1999. Initially, he spent around 8 years appraising and monitoring projects in fields of transport and urban development. After being appointed as Head of Division, he devoted several years to the management of technical teams and was also responsible for several technical assistance initiatives in the urban field. In April 2011, he was nominated Director of the Environment and Regional Development Department, which comprises projects in areas such as regional convergence, cultural heritage and tourism, sustainable development, natural resources and agro-industry. Since March 2015 he holds the position of Managerial Advisor to the Director General, Projects

Directorate.



**Marcella Smyth** joined the Irish diplomatic corps in 2000 and in that time has served in political, development, consular and press divisions. Ms Smyth served in Irish Aid from 2006-2010 overseeing aid programmes in Uganda, Tanzania and Mozambique. She also combined this work with a post as lecturer in social policy in Ireland's Institute of Public Administration. Ms Smyth has been posted as Deputy Head of Mission to Ireland's Embassy to Canada, as well as Ireland's Embassy to Belgium, serving there as Chargé d'Affaires before moving in 2012 to Ireland's Permanent Representation to the EU as press spokesperson and latterly as Ireland's maritime affairs attaché. She holds Bachelor and Master of Social Sciences degrees in Social Policy.



**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 the Ministry of Defence 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. Currently she is chairing the informal Atlantic Strategic Group.

## Workshop speakers

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### 1.A. - Access to the sea: a development stake for both, companies and territories, benchmark on legislative aspects and possible levers to facilitate the implementation of these projects

Organisers: *Investir en Finistère (FR)*



**Thomas Fortin** is Planning Officer at the Finistère Planning Society (SAFI). He has been engaged in numerous territorial planning initiatives including the conduct of a feasibility study on the reorganisation of maritime activities in the municipality of Logonna-Daoulas, and the analysis of the implantation conditions of two innovative projects for the local authority of the Pays Léonard. Previously he worked in the laboratory Géomer as a planning engineer. He participated mainly to the LITEAU Tourism and environment programme in the coastal and island protected spaces. He holds a master degree in urbanism, planning and local development from the Paris Institute of Political Studies, and a master degree in Marine and Coastal Sciences from the University of Western Brittany.



**Seán Ó Coisdealbha** is Development Officer at Udaras na Gaeltachta, the regional authority responsible for the economic, social and cultural development of the Gaeltacht. He is involved in the development of SMEs and numerous Community Enterprises and engaged in Community Development activities. Previously he worked as a Quality Manager with a number of companies, specialising in developing and implementing ISO 9001 and ISO 9002 Quality Assurance Systems. He holds a bachelor degree in Industrial Biochemistry, a diploma in Quality Management and a Master of Business Administration.



**Helena Abreu** is co-founder and Director of ALGApplus Lda. Based in Portugal. ALGApplus produce customised seaweed and seaweed-based products for the food and well-being markets. Sustainable production under the Integrated Multi-Trophic Aquaculture (IMTA) concept, a strong focus in R&D and continuous support to customers are the keystones of ALGApplus. The company's products are certified organic, assuring warranties of sustainability, quality and traceability to its customers. Helena Abreu holds a PhD and is a marine biologist specialized in phycology with work experience gained in Portugal, Chile, the USA and Ireland.



**Fernando António Pereira Gonçalves** is the Secretary General of the Portuguese Fish Farmers Association since its creation at the end of 2010. In 2009 he was nominated Secretary General of the CAAP – Comissão Alargada de Aquacultores de Portugal. Previously he worked for the biggest production companies of dourada fish and bass at a national level, located in the Alvor area and in 2000 he was engaged as intern in national aquaculture companies in the region of Setúbal. He has degree in Animal Production Engineering from the Agriculture Higher School of Satarém.

## 1.B. - Developing conservation management regimes in the Channel to support the sustainable use of the seas

Organisers: *Joint Nature Conservation Committee (UK)*



**Declan Tobin** has worked as a Fisheries Advisor at Joint Nature Conservation Committee (JNCC) in Aberdeen (Scotland) for 5 years. He specialises in the provision of advice to Government on the impact of fisheries in the marine environment and is involved in the development of appropriate management plans to mitigate the risks associated with fishing. Much of his current work is focused on the provision of management advice for Marine Protected Areas in UK waters. Previously he spent several years (2003-2010) working as a Post Doc at the University of Aberdeen and at the Scottish Marine Laboratory working variously on fish breeding and metapopulation biology of commercial fish species. He has a Bachelor of Science in Zoology from the National University of Ireland (NUI), Galway in 1997 and was awarded his PhD from NUI Galway in 2003 for studies in fish population genetics.



**Ollie Payne** is Senior Marine Protected Areas Advisor at Joint Nature Conservation Committee (JNCC) in Peterborough for over 3 years. In 2010 he joined JNCC as Marine Protected Areas Stakeholder Engagement Officer, engaging stakeholders on the designation of Marine Protected Areas in UK seas. Since then he has become a Senior Marine Protected Areas Advisor leading on the provision of advice to Government on the designation of national Marine Protected Areas (Marine Conservation Zones). He also specialises in the provision of advice to Government on the development of appropriate management plans for Marine Protected Areas to ensure sites achieve their objectives but continue to allow for sustainable use. He holds a Bachelor of Science in Environment and Coastal Management from the University of Bournemouth and a Master of Law in Environmental Law and Policy (Research) from Newcastle University.

## 1.C. - Climate change: Thoughts on the opportunity to develop an action plan for the improvement of defence equipment against erosion in ports facilities

Organisers: *Association des Ports Locaux de la Manche (FR)*



**Anne Sophie Poirot** is responsible for the coordination of port works for local authorities of Finistère. She has a DESS in integrated coastal management at the University of Corsica, a master of population biology and marine ecosystems at the European University Institute of the Sea and a master in management of environmental and technological risks. She was also responsible for projects at Marinu U (Bastia), namely development projects on the protection of marine natural areas (promotion of businesses of the Sea, underwater trails, collaboration on the development of a key determination of algae in the European Project "Comenius Sea and Life") as well educational projects in the marine environment.



**João Miguel Dias** is a physical oceanographer who is presently the Head of the Physics Departments of University of Aveiro and member of the Environmental and Marine Studies research centre. He is also the leader and founder of the Estuarine and Coastal Modeling Division, carrying out research on numerical modelling of hydro/morphodynamic processes in estuaries, lagoons and adjacent coastal zone, namely about sea level rising, coastal flooding and development of estuarine plumes, with particular emphasis on the climate change effects.



**Adam Littlejohn** is the Senior Infrastructure Manager (Maritime) within the Engineering and Asset Management Department for the Royal National Lifeboat Institution (RNLI) in the UK. He provides specialist maritime engineering and major maintenance advice to the coastal maintenance team in regard to maritime structures, engineering, commercial diving and major maintenance projects. The RNLI are a UK based charity that saves lives at sea. Providing a 24-hour lifeboat search and rescue service around the UK and Ireland as well as seasonal lifeguard service. In 2011 he gained a place on the Construction Engineering Masters Programme with the Department of Engineering at the University of Cambridge, Queens' College. His thesis questioned whether the maritime infrastructure asset of small to medium sized ports in the Southwest of England could meet the demand for the next 50 – 100 years.



**Aline Chever** is working at the Department of Finistere on EU affairs. She has been heading various projects and initiatives including the European Franco-British draft-B NEW, to promote women's entrepreneurship and internationalization of very small enterprises (très petites entreprises/TPEs) and SMEs, funded by INTERREG IVA France (Channel) – England. Previously she was the European Cooperation officer Finistère/Cornwall responsible for the installation and development of cross-border European projects, organization of protocol delegations, contacts and economic promotion. Ms Chever holds a master degree from Sciences Po Bordeaux.

## 1.D. - Open innovation and the Atlantic Maritime Strategy: how can we move from competition to cooperation?

Organisers: Liverpool John Moores University and Mersey Maritime Partnership (UK), Pôle Mer Bretagne Atlantique (FR), Marine South East Ltd (UK)



**Ian Jenkinson** is Head of Maritime and Mechanical Engineering at Liverpool John Moores University. He joined Liverpool John Moores University in 1991 and has led the development of maritime education and training at the University working on numerous projects with maritime manufacturing industries, international port operators, shipping companies, and maritime authorities. His research focus is on systems modelling, safety and reliability. Current research projects include maritime service systems quality management, safety assessment of offshore systems, and systems modelling to improve the efficiency of marine and offshore systems.



**Jonathan Williams** has been CEO of marine sector consortium, Marine South East, since its launch in autumn 2005. He has led the company's development to become a catalyst for marine business investment in innovation and diversification. Marine South East is now widely recognised as a leading European marine cluster, centred on the world-class business and research capabilities of the UK's Solent region. His understanding of innovation as a business process was developed during four years at the think tank "Centre for Exploitation of Science & Technology (CEST)" in London. His previous industrial experience includes engineering design and project management within the offshore energy industry, based in UK, Norway and Italy.



**Phil Monbet** is in charge of international project management at the sea business cluster Pole Mer Bretagne and French research institute for Marine Renewable Energies. With a background in chemistry obtained from the University of Western Brittany, Philippe Monbet completed a PhD in "Marine Chemistry and Analytical Chemistry" at the European Institute for Marine Studies (Brest, France) on the dynamics heavy metals in an estuary subject to strong agricultural inputs. He then joined French research institutes IFREMER and INERIS for missions of research and expertise. His research activities have taken him to the AIMS "Australian Institute of Marine Science" (Townsville, Australia), Monash University (Melbourne, Australia) and Plymouth University (UK) where his research was mainly devoted to Phosphorus biogeochemistry in coastal ecosystems.



**Cristina Quelle** is Coordinator of the Technology Transfer Area of Campus do Mar (CDM). CDM consists of the aggregation of the three Galician universities, the Spanish Council of Research, the Spanish Institute of Oceanography, seven Portuguese universities and institutes and the Galician-Northern Portugal Euro-region marine-related research centers and technology platforms. CDM is a Campus of International Excellence in the fields of Ocean Sciences and Technologies under the umbrella of the Ocean as unifying element and competitive advantage. With a background on marine sciences, coastal management and ports engineering, Cristina has worked as a researcher and project manager of marine and environmental projects at regional, national and international level, both in private and public marine institutions. Since 2012, she is in charge of international projects and the Entrepreneurship Programme of CDM and she also organizes courses, conferences and dissemination activities both for students, researchers, private companies and general public.



**Carla Domingues** is executive officer at Oceano XXI, the Portuguese Sea Knowledge and Economy Cluster. Oceano XXI main goals are to promote cooperation between companies and R&D centres from the different sectors of the sea economy, to stimulate new projects ideas and new business opportunities, to reinforce international cooperation, and the dissemination of maritime affairs. She is engaged with activities related with fisheries, aquaculture, seafood and blue bio resources and collaborates in two EU projects: REMCAP – Resource Efficient Maritime Capacity (FP7) and AtlanticBlue Tech – Enhancing the blue biotechnology niche of excellence (Atlantic Area). These projects aim to promote and develop the blue growth markets, including the marine bio resources sector. She also represented Oceano XXI as stakeholder in the project COFASP – Cooperation in Fisheries, Aquaculture and Seafood Processing (FP7 ERANET).



**Chris Shirling-Rooke** is Chief Executive of Mersey Maritime with extensive experience of building business relationships with the maritime sector. Mersey Maritime is the maritime cluster organisation which represents employers and stakeholders in the Liverpool City region in shipping, ports and logistics, and offshore energy. It represents 1000 businesses in the maritime sector employing 26,000 people. Mersey Maritime's vision is to develop a world-class cluster of maritime businesses in the region.

## 2.A. - An evaluation of offshore renewable energy, its trade, externalities and their impact on Stakeholders

Organisers: National University of Ireland (IE)



**Thomas van Rensburg** is an Associate Professor at NUI Galway. He is the director of the Environmental and Natural Resource Economics Research Unit (ENRE) and has coordinated two Republic of Ireland Department of Agriculture Fisheries and Food (DAFF) stimulus funded projects and was a Co-investigator on two marine Framework projects including PROTECT (EU FP6), and HERMIONE (EU FP7). He has 5 PhD completions (one marine) and presently has two PhD students working on the economics of renewable energy funded by the Government of Ireland. His current research focuses on the economics of renewable energy, economics of biodiversity, valuation of environmental public goods and ecosystem services and common property resources and the economic analysis of institutions.



**Noreen Brennan** is a PhD candidate with the National University of Ireland (NUI), Galway. She has obtained a B.A. in Economic and Social Studies, a H.Dip. in Economic Science, and an M.A. in Environmental Economics, all from NUI Galway. She has worked with the Sustainable Energy Authority of Ireland (SEAI) during her Masters on a research project and thesis analysing a linear optimisation model that would minimise the cost of meeting energy demand using available technology and resources. Her current research focusses on using discrete choice experiments to analyse attitudes towards wind farm development in Ireland, under the Earth and Natural Sciences Doctoral Studies programme, which is funded by the Programme for Research in Third-Level Institutions and co-funded under the European Regional Development fund. Her research and area of interest lies primarily in the field of renewable energy.



**Hugh Kelley** is Professor at the Department of Accounting, Finance, and Economics at the Oxford Brookes University. His work spans both academic and consulting domains. His research is highly inter-disciplinary, spans applied and theoretical contexts, and reflects an integrated economic, psychological, and natural sciences methodology. His natural sciences and resource economics work employs stated/revealed preference methods to value ecosystem services, environmental amenity preference elicitation methods, socioeconomic impact assessment of environmental policies, analysis of renewable energy initiatives, and studies of the role that ecotourism may play for rural community development and environmental sustainability.



**Anne Marie O'Hagan** has over 15 years of experience in coastal and marine research and is currently a Senior Research Fellow in the MaREI Centre, University College Cork (Ireland). Her present research focuses on the law, policy and environmental aspects of ocean energy development. Dr O'Hagan is qualified in environmental science before undertaking a Ph.D. on the legal framework for coastal management in Ireland. She subsequently completed a degree in law whilst working full-time on Law of the Sea projects in the National University of Ireland, Galway. In 2009, she took up a position under the prestigious Science Foundation Ireland (SFI)-funded, Charles Parsons Energy Research Award, a government initiative designed to build capacity in key research areas in University College Cork. Her work since then has focused on legal aspects of ocean energy, planning and management systems for deployment of offshore energy devices and environmental effects of ocean energy. She is involved in a number of multidisciplinary projects including those focused on aquaculture, spatial planning, environmental assessment and risk-based consenting for offshore energy.

## 2.B. - Maximising the value of marine bioresources - the future role of marine biotechnology in the Atlantic area

Organisers: Marine Institute (IE)



**Alice Stack** received her primary degree, a Bachelor of Veterinary Medicine, from University College Dublin in 2006, after which she specialised in horses and worked in an equine hospital in the United Arab Emirates. Specialty (internal medicine) clinical training and a PhD in pulmonary microvascular physiology at Michigan State University in North America followed this. She currently works at Marigot Ltd. as Research Project Manager. Marigot Ltd is a functional marine ingredients company and its range of marine minerals includes AcidBuf and Aquamin, both of which are derived from unique raw material, the red algae - Lithothamnion species. With a distinct composition, which includes calcium, magnesium and 72 other trace-minerals, AcidBuf is used in animal feed with proven production benefits in ruminant species, and Aquamin is utilised in foods, drinks, and dietary supplements where it is proven to deliver clear bone, joint and digestive health benefits.



**Charlie Baviongton** is a biochemist by training, starting with a PhD studying osteoarthritis, followed by a postdoc on anti-inflammatory marine glycomolecules. He has tried to bridge clinical and marine research. For over 15 years he has been applying marine glycobiology to solve problems in human health and personal care. In 2005 he started GlycoMar to commercialise novel glycomolecule products. Glycomar is a discovery and early stage development R&D business. Glycomar has a collaborative business model that relies on partner companies to complete the commercialisation process and 7 products in its development pipeline: 1 pharma, 2 consumer healthcare, 1 cosmetic, 2 nutraceutical, and one food. 5 of these come from marine sources including micro-algae and macro-algae.



**Dermot Hurst** is a mechanical engineer and completed his doctorate in Industrial Engineering at the National University of Ireland, Galway. Prior to his current role with the Marine Institute (MI) – leading the MI's involvement in the Marine Biotechnology ERA-NET, he was a research programme manager with the MI defining and managing new research initiatives. This included the development of Ireland's marine biotechnology research and related programmes. He has a long association with strategic research, having played major role in the development of Ireland's Marine Knowledge, Research and Innovation Strategy for Ireland 2007- 2013 – Sea Change; and other national and international initiatives related to the exploitation of marine bio resources.

## 2.C. - Human factor: the key element of maritime accidents

Organisers: *Innovation maritime (CA), Universidad de Cadiz (ES)*



**Sylvain Lafrance** holds a Masters in management of maritime resources. He is active in the maritime sector for nearly 25 years, including as CEO of organizations involved in economic development and applied research. He was involved in the management of some 300 research projects since 1990. Mr Lafrance is CEO of Maritime Innovation since summer 2013.



**José M. Mestre** (PhD) is associate professor of Experimental Psychology at the department of Psychology at University of Cadiz (Spain). He leads Emotional Intelligence Laboratory researching both cognitive and emotion processes for adaptation. He belongs to ISRE (International Society of Researchers on Emotion). His areas of research interests lie at the emotional intelligence, emotion regulation, and cognitive processes related to adaptation as attention and awareness



**Jose R. Cordon** is PhD student in Psychology at Cadiz University (UCA-Spain) and a graduate in Psychology from UNED in 2011. He is also a graduate in Navigation (UCA, 1992) and Captain of Merchant Marine (1998) and has sailed for 12 years in many types of vessels. For the past 14 years, he has worked as VTS operator for Spanish Administration in the field of Traffic Control, Search and Rescue and pollution control on the sea. His main areas of interest are Human Factors, psychometrics and Work and Organizational psychology.



**Alain Richard** has over 25 years of experience, patent holder of master mariner in addition to a bachelor's degree from Laval University in economics and a college degree in navigation from the Maritime Institute of Quebec. Mr. Richard has extensive experience in the maritime field. Officer browser then captain on various types of vessels, he was later teacher at the Maritime Institute of Quebec, project manager at Innovation Maritime and director of the Maritime Institute of Quebec from 2007 to 2013. Mr. Richard works as nautical expert for Innovation Maritime since 2013.



**Diane B. Boivin** is Professor of Psychiatry at McGill University and Founder/Director of the Centre for Study and Treatment of Human Circadian Rhythms at the Douglas Mental Health University Institute. Her research interests cover the problem of maladaptation to shift work, jet lag, fatigue risk management, the role of circadian rhythms in various medical and psychiatric conditions. Dr. Boivin has been in charge of several field related to fatigue management and safety issues for the transportation industry (trucking, aviation, marine), the mining industry and emergency services (health and law enforcement).



**Michel Fortin** has over 25 years of experience as marine pilot and navigator. Mr. Fortin is a graduate of the Maritime Institute of Quebec. He worked as navigating officer, then as captain for almost ten years. In 200, he became a marine pilot on the Saint-Laurent between Montreal and Trois-Rivières, after two years of training as a pilot trainee. He was Vice President and President of the Corporation of pilots of Saint-Laurent Central, only company that provides piloting services between Quebec and Montreal and which comprises more than 105 pilots. Also, he participated as an expert in two important risk management studies between Quebec and Montreal: the first in 2008 on the arrival of ships Post Panamax and the second in 2014 on pilot fatigue.

## 2.D. - Mapping and assessment of ecosystem and ecosystem services in the Atlantic Area

Organisers: *Université de Brest (FR), Plymouth University (UK), Agence des Aires Marines Protégées (FR)*



**Denis Bailly** holds a degree in development economics. In 1986, he obtained an MSc in Marine Social Sciences from the University of Kagoshima, Japan, with a scholarship from the Ministry of Education of Japan. He then joined the fisheries economist team of the French Institute for the Exploitation of the Sea (IFREMER) to work on aquaculture development. In 1993 he obtained a PhD in economics from the University of Rennes I and moved to the University of West Brittany (UBO) in Brest as a lecturer in economics. He then joined the research Center for Law and Economics of the Sea (CEDEM). The focus of his recent research is on the integrated management of coastal zones (ICZM) and participatory integrated assessment to address environmental management in coastal zones. From 2007 to 2011 he acted as the scientific co-coordinator of the integrated project SPICOSA (Science and Policy Integration for Coastal Systems Assessment, 6th FP of the EU) that has developed the System Approach Framework SAF. In 2011-2012 he coordinated the economic and social assessment of the French initial assessment for the implementation of the Marine Strategy Framework Directive of the EU.



**Sebastián Villasante** is Professor of Economics at University Santiago de Compostela (Spain). His research focuses on assessing the economic and social contribution of the oceans at multiple scales. Dr. Villasante has published over 60 papers in scientific journals. Since early 2014, he is co-chair of the ICES Working Group on Resilience and Marine Ecosystem Services, Coordinator of the SARA2 Network of marine ecosystem services in Latin America, and member of the EcoServices Group (Future Earth). He was visiting scientist at Stanford University, Stockholm Resilience Centre (Sweden), The Beijer Institute of Ecological Economics (Sweden) and University of British Columbia (Canada). He is Associate Editor of the Journal *Frontiers in Marine Sciences* (Marine Affairs and Policy).



**Nicola Beaumont** specialises in the assessment and valuation of marine ecosystem services. Dr Beaumont has worked at the interface between natural sciences and socio-economics in national (MMO, Defra, Marine Scotland, VNN, UKERC, UKOARP) and international (EU, ESP, NCEAS) contexts. She is widely published, and was co-author on the most highly cited marine ecosystem services paper (Worm et al. 2006 *Science* 314:787-90) and was the lead economist for marine and coastal margins for the UK National Ecosystem Assessment (NEA). She is currently a PI on: the ADVENT project (ADdressing Valuation of Energy and Nature Together); the PERSEUS project which aims to support the management of marine ecosystem services in southern European seas; and she leads PML's socio-economic contribution to the Marine Management Organisation Framework agreement; she was also a PI on the recently completed Valmer project (Valuing Ecosystem Services in the Western Channel), examining how improved marine ecosystem services assessment can support effective and informed marine management. She sits on several committees, including leading the Marine Biome Expert Group for International Ecosystem Services Partnership, and the UK government Productive Seas Evidence Group (PSEG).