

Sea change: securing a future for Europe's seas

NATURAL
ENGLAND

International Marine Protected Areas conference
8th and 9th December 2009,
Park Plaza Riverbank, London

Speaker Biographies



Dr Helen Phillips

Chief Executive, Natural England

Helen was appointed Natural England's first Chief Executive in February 2006. She is also a member of Natural England's Board and is the Accounting Officer of both Natural England and the Joint Nature Conservation Committee. In leading the Executive, Helen has overall responsibility for the performance of Natural England. Helen was appointed for her track record in leading organisational change, to create a high performing organisation where pursuit of efficiency programmes will deliver increased investment in the natural environment. Natural England aspires to be the environmental commentator of choice, Helen's trenchant advocacy in her role as Chief Executive will be key to achieving this. A post doctoral graduate of University College Dublin in zoology, Helen's career spans biology in academia to leadership roles in the National Rivers Authority and the Environment Agency. Before taking up her current appointment, she was the Director of Environment Agency, Wales.

Huw Irranca-Davies MP

UK Minister for Marine and Natural Environment

Huw Irranca-Davies joined Defra from the Wales Office where he has been Parliamentary Under-Secretary of State for Wales since June 2007.

At Defra he is the Bill manager for the Marine & Coastal Access Bill, and has responsibilities for the development of flood & coastal management policy & legislation. He is also the Minister that leads on fisheries policy & negotiations in the EU and globally. Alongside the Secretary of State Hilary Benn he played, as National Parks Minister, a key role in the quasi-judicial decision to create the UK's newest National Park in the South Downs.

José Rizo

Principal Administrator, Unit ENV D2, Marine, DG Environment, European Commission.

José Rizo is from Jerez in Spain. He joined the Directorate General of Fisheries in the European Commission in 1994 before moving to the Directorate General Environment in 1997. He initially worked in the implementation of the Habitats and Birds Directives in coastal and off-shore areas (including the designation of Natura 2000 sites, the protection of species and habitats, etc).

José Rizo has participated in the development of the EU Marine Strategy Framework Directive (2008), mostly in relation to the ecosystem approach and is now working in its implementation. He also deals with the integration of environmental concerns into the Common Fisheries Policy, including its forthcoming reform and represents the EC within International Marine Conventions, in fields related to biodiversity conservation (OSPAR, HELCOM) or marine pollution (MED POL).

Charles (Bud) Ehler **President of Ocean Visions**

Charles works in Paris as a consultant to UNESCO's Intergovernmental Oceanographic Commission and the Man & the Biosphere Programme. He has worked for the U.S. National Oceanic and Atmospheric Administration (NOAA); the U.S. Environmental Protection Agency's Office of Research and Development; and has taught at the University of Michigan, the University of California at Los Angeles (UCLA), and the State University of New York at Stony Brook.

From 2000-2005, he was the Vice-Chair (Marine) of IUCN's World Commission on Protected Areas. He is the author of over 90 publications on integrated coastal and ocean management and marine spatial planning.

Together with his colleague Fanny Douvère, he organized and co-chaired the first international workshop on marine spatial planning (2006) at UNESCO, co-edited the first peer-reviewed special issue of Marine Policy on MSP (2008), and has just published a UNESCO guide to ecosystem-based, MSP (2009) with support from the Moore and Packard foundations.

Professor Mark Carr **University of California**

Dr Mark Carr is a Professor in the Department of Ecology and Evolutionary Biology at the University of California at Santa Cruz (<http://bio.research.ucsc.edu/people/carr/>). His research focuses on the population and community ecology of coastal marine fishes, particularly those species associated with coral reefs and temperate rocky reefs. Dr Carr's ecological research informs management and conservation topics including ecosystem-based management of kelp forest ecosystems, the design and evaluation of marine protected areas, cooperative marine fisheries research, ecosystem-based fisheries management, and large-scale, long-term monitoring studies. He is a principal investigator with the Partnership for Interdisciplinary Studies of Coastal Oceans (PISCO), a multi-university consortium designed to conduct interdisciplinary research that informs coastal marine management and policy.

Dr Carr teaches undergraduate and graduate courses in ecology, marine ecology, and marine conservation. He is a Fellow of the California Academy of Sciences, and an Aldo Leopold Leadership Fellow (2000), sponsored by the Ecological Society of America. He is the Co-chair of the Science Advisory Team to California's Marine Life Protection Act (MLPA) and is an advisor to the state's Ocean Protection Council. Currently, he sits on the steering committee for CAMEO, a funding program for marine ecosystem research jointly sponsored by the U.S. National Science Foundation and the National Marine Fisheries Service.

Dr Keith Brander **Senior Researcher, Danish Institute of Aquatic Resources**

Keith Brander has been active in climate related research on fisheries and marine ecosystems for many years and has been coordinator of the ICES/GLOBEC programme on Cod and Climate Change since 1996, working first at ICES (International Council for the Exploration of the Sea) and now at DTU AQUA in Copenhagen. He wrote about the disappearance of the common skate (*Raia batis*) from the Irish Sea, in a paper published in Nature in 1981 and showed that fishing will result in the extinction of this and other species with similar dynamics (low net fecundity, high age of maturation). He worked on fisheries management in the Irish Sea in the 1970s and 80s and proposed an ecosystem approach, regional management, closed areas, multispecies assessments and a number of other methods and measures which are gradually being implemented. Keith was lead author on

fisheries and marine ecosystems for the 2007 IPCC report and worked as an adviser on fisheries management for the EU, UK and FAO. He was president of the Sir Alistair Hardy Foundation for Ocean Science for six years.

David Connor

Head, Marine Ecosystems, UK Joint Nature Conservation Committee

David is JNCC's Head of Marine Ecosystems and Programme Leader for Marine Mapping and Ecosystem Assessment. He led the development of a national seabed habitat classification and its expansion into the current European classification system (EUNIS, for the European Environment Agency). The classification has been applied to develop the first seabed habitat maps for the UK and north-west Europe (UKSeaMap – 2006; MESH - 2004-2008). The EUSeaMap project (2009-10) is currently extending these maps to the Baltic and western Mediterranean in a multi-national project for the European Commission.

David provides specialist marine environmental advice at a UK and international level for conservation management and delivery of international legislation. This has included advice on the identification and monitoring of SACs (Special Areas of Conservation) for the EC Habitats Directive, and technical development for the EC Water Framework Directive. David has contributed to the work of the OSPAR Convention (Oslo & Paris Convention on the Protection of the north-east Atlantic) for over 12 years, through its Biodiversity Committee and leads JNCC's input to the newly adopted EU Marine Strategy Framework Directive.

He has contributed to many European-funded programmes such as BioMar (habitat classification), the UK marine SACs Project (marine protected areas), and the European Register of Marine Species (European species checklist). He is Convenor of OSPAR's Intersessional Correspondence Group on the Coordination of Biodiversity Monitoring and Assessment (ICG-COBAM), and a member of the Task Group developing EU guidance on the assessment of biodiversity for the Marine Strategy Framework Directive. He has published over 60 scientific papers and reports.

Dr Erik Olsen

Head of Research Programme for Oil and Fish, Institute of Marine Research, Norway

Erik Olsen is a senior scientist and heads the Research Program for Oil and Fish at the Institute of Marine Research (www.imr.no) in Bergen, Norway. He has a background as a fisheries biologist (PhD), but since 2002 has focused his research and advisory activities on marine spatial management (MSP) by participating in developing the integrated and area-based management plans for the Barents Sea and Norwegian sea. Key research areas within MSP have been the identification of ecologically valuable areas, areas of conflict of interest, the role of governance and cumulative vulnerability of ecosystem components to human use.

Jens Enemark

Executive Secretary, Wadden Sea Secretariat, Germany

Jens Enemark has been head of the Common Wadden Sea Secretariat based in Wilhelmshaven, Germany since its establishment in 1987. He has a degree in history and political science.

Dr Ingo Narberhaus

Marine Science Officer, German Federal Agency for Nature Conservation

Dr Narberhaus studied Zoology (Ecology & Evolution, Marine biology) at Universities of Göttingen, Freiburg, Dublin and Hamburg. He received a Diploma, University of Freiburg in 1999, his PhD in 2004 and Post Doc at University of Hamburg. He has undertaken commitments in several conservation initiatives and organizations around the German Wadden Sea. Since 2007 he has been based at the German Federal Agency for Nature Conservation on the Isle of Vilm.

Current responsibilities include: implementation of EU nature directives in the German Exclusive Economic Zone, particularly management of the Natura 2000 sites in the German EEZ; coordination of BfN's marine

monitoring programme (of mammals, birds and benthic habitats); co-chair of Working Group on German Marine Vertebrate Monitoring; initiation and supervision of research projects on the effects of human activities on marine biodiversity; and engagement in several OSPAR, HELCOM and ICES working and ad hoc groups.

Olivier Laroussinie

Director, French MPA Agency

Olivier Laroussinie is the director of the French marine protected areas Agency. His background is in rural engineering, water and forest, and after a first experience as a forest engineer, he spent 10 years in forest ecosystem research. Joining the Environment Department at the national level in 2003, he was in charge of the national biodiversity strategy as well as the nature reserves and national parks policy. He took the direction of the marine protected areas Agency in February 2007, at its very beginning.

Dr Jon Davies

MPA Programme Manager, Joint Nature Conservation Committee, UK

Jon Davies has been the JNCC's (www.jncc.gov.uk) Marine Protected Sites Team Manager since May 2008 and the Marine Protected Areas Programme Leader since April 2009. He oversees JNCC's work on identifying offshore MPAs including both European sites (SACs) and Marine Conservation Zones (MCZ)/ Marine Protected Areas (offshore Scottish Waters). He represents JNCC on the MCZ Project Board and on each of the four Regional MCZ Project Boards.

Prior to this, Jon's career started in 1988 when joined the then Nature Conservancy Council's Marine Nature Conservation Review (MNCR) Team undertaking habitat surveys around the UK coasts. In 1993 he moved to the University of Newcastle for six years of post doctoral research on remote sensing and seabed mapping. In 1999, Jon rejoined JNCC as the Marine Monitoring Officer to lead its input to the UK Marine Special Areas of Conservation (SAC) Project. In 2004 he became the Project Manager for the Mapping European Seabed Habitats (MESH) project, an EC INTERREG III funded project with 12 partners led by JNCC. He has acted as chair to several national and international groups including the International Council for the Exploration of the Seas (ICES) Steering Group on Quality Assurance of Biological Measurements in the Northeast Atlantic group that prepared marine monitoring advice for OSPAR.

Diana Pound

Director, Dialogue Matters, UK

Diana Pound BSc, MSc, CEnv, MIEEM, has a background in environmental science and ecology and a career in management of the natural environment. In the late 1990s, she pioneered using a stakeholder consensus-building approach for the management of a European marine site in England. This process turned conflict into co-operation and is still recognised as an example of best practice.

Following this success, Diana set up dialogue matters in 2000. Since then, she has designed and facilitated about 65 workshops in 40 stakeholder processes ranging from short processes to those lasting over a year. She works at local, regional and national level in the UK and has facilitated international dialogue in Europe, the Middle East and Africa. She has also trained over 700 people and provides advice to Government Departments and agencies, here and abroad.

In 2004 she was invited to become an IUCN Commissioner. Diana is also a champion of the Ecosystem Approach, facilitating integrated and equitable management of the natural environment and peer reviewing Defra pilot projects. She is regularly invited to speak at national and international conferences on aspects of participatory natural resource management and the Ecosystem Approach.

Dr Peter Jones

Lecturer, University College London

Dr Peter Jones is based in the Department of Geography, University College London, where he specialises in inter-disciplinary research on marine governance issues. He is currently leading the UNEP funded MPA governance project, and has just started leading a European Commission funded project on the effectiveness of different governance approaches in the context of marine spatial planning, as part of the 'Monitoring and evaluation of spatially managed marine areas' (MESMA) project. He is also writing a book for Earthscan, *Governing MPAs – getting the balance right*.

Tom Hooper

Project Manager, Finding Sanctuary, UK

Tom Hooper is the Project Manager for Finding Sanctuary, one of England's regional Marine Conservation Zone Projects. He has a background in tropical marine ecology and has spent time working in fisheries research in Tanzania, Zimbabwe and Madagascar. He was involved in work to plan MPAs on the island of Rodrigues, bringing together ecological data and fishermen as part of a collaborative process. Through this work he ultimately became involved in Marine Protected Areas and stakeholder involvement in decision making.

John Butterwith

Chief Executive, North Devon Fishermen's Association, UK

Being born and bred in a north Devon fishing village, and a fisherman since 1982, John has a detailed knowledge of the Bristol Channel commercial fishing industry. Not only has he owned three fishing vessels, but I have offshore experience working aboard a large beam trawler. Now retired from the sea, I am Chief Executive of the North Devon Fishermen's Association.

John is an original stakeholder on the Finding Sanctuary Steering Group going back three years, and a great believer in being part of the MPA steering process. Fishermen are prime conservationists, and it was our fishermen who put into place the Lundy no take zone, now adopted by Natural England. We also have our own voluntarily closed area of approximately 300 sq km where there is no mobile fishing for six months of the year.

Dr Carlo Rondinini

Research Scientist, University of Rome

Dr Rondinini has been an Aggregate Professor in Zoology since March 2008 at the Department of Animal and Human Biology of La Sapienza University of Rome, Italy, where he teaches Conservation Biology and Conservation Priority Setting. His main research interests include the large scale ecology and distribution of habitat types and animals and their use for identifying global conservation priorities through systematic conservation planning. He is the project manager of the Global Mammal Assessment, a partnership project of La Sapienza and IUCN for updating the IUCN Red List of the world's mammals. Other ongoing international research collaborations include dynamic conservation planning studies for the identification of global priorities for the conservation of mammals. He has collaborated with JNCC since 2008 to support the development of biodiversity targets for marine habitat coverage within the UK MPA network.

Jeff Ardron

Director, High Seas Program, Marine Conservation Biology Institute, USA

Jeff Ardron MSc is currently working in Washington DC, as Director of the High Seas Program for the Marine Conservation Biology Institute. Previously, for three years he was a senior scientific advisor on marine protected areas (MPAs) for the German Federal Agency for Nature Conservation. He has also consulted widely, recently for marine planning projects in West Africa, Canada, and the UK. He serves on

the IUCN World Commission on Protected areas as Advisor on MPA Design, Tools, and Software, and also serves as a Scientific Advisor on the High Seas MPA Task Force. He is a co-founder and current President of the Pacific Marine Analysis and Research Association (PacMARA) in British Columbia Canada. He has worked in the fishing sector, NGO sector, in federal government, and within international conventions. A specialist in marine spatial planning, systematic conservation design, and international maritime policy, a central theme throughout his work is the bridging of marine science with policy development.

Dr Bill Sanderson

Senior Marine Monitoring Ecologist, Countryside Council for Wales

Bill Sanderson grew-up on a beach north of Liverpool, was educated at the University of Swansea and then at Port Erin Marine Laboratory in the Isle of Man (Liverpool University). Bill worked at the Joint Nature Conservation Committee in Peterborough for 4 years dealing with national marine conservation drivers such as marine rarities, non-natives, coastal directories and the Marine Nature Conservation Review.

For the last 12 years he has worked for the Countryside Council for Wales (a conservation agency), developing and implementing monitoring programmes and strategic science work to support MPAs in Wales (UK) and has worked on small related projects overseas.

Tony Child

Natura 2000 Project Officer, Thanet Coast Project, UK

Tony Child has been project manager for the Thanet Coast Project since 2001, when it was launched alongside the Management Scheme for the 'North East Kent European marine site'. Since then it has developed many innovative projects and activities to engage the local community and this Marine Protected Area. Before this project, Tony worked within the Countryside Section of Kent County Council's Environmental Services.

Joe Breen

Head of Aquatic Science Team, Department of Environment, Northern Ireland

As well as being Head of Aquatic Sciences Team, Conservation Science Unit, Natural Heritage Directorate, Northern Ireland Environment Agency, Joe is also a Coastal Rescue Officer with HM Coastguard.

He is a zoology graduate of Queen's University Belfast and gained an MPhil Marine Biology by research in 1994. He is a qualified HSE Part IV Commercial Diver, RYA Coastal Skipper (power, commercial endorsement), BSAC First Class Diver and Advanced Instructor.

After graduation, Joe was set to start a career as a diving welder when he secured a position as a member of Ulster Museum's Scientific Diving Team. Subsequent posts included Assistant Manager of the Northern Ireland Aquarium, Marine Consultant with MarEnCo, and Head of Marine Laboratory in the Industrial Research and Technology Unit. He transferred to Conservation Science 7 years ago as Research Officer and established the Aquatic Science team three years ago. The prime role of his team is the identification and designation of Marine Protected Areas, Marine Conservation advice and casework.

Ton IJlstra

Project Leader, Fisheries Department, Ministry of Agriculture, Netherlands

Ton IJlstra has been responsible for the establishment of fisheries measures in the Natura 2000 sites of the Dutch North Sea since 2008. Prior to that, between 2006 and 2008, he worked on the Maasvlakte 2 project (involving land reclamation works for the Port of Rotterdam extension) within which he was the team leader responsible for the nature compensation measures in the North Sea Voordelta area and for the Management Plan Natura 2000. Through this work, he developed expertise in the integration of uses

in marine Natura 2000 sites and subsequently initiated and chairs the international steering group the Fisheries Measures in Protected Areas (FIMPAS) project.

Ton studied international public law in Rotterdam and Paris and worked for 6 years at the Netherlands Institute for the Law of the Sea (NILOS). In 1990 he started working for the Ministry of Transport, Public Works and Water Management. In 1999 he became a member of the management team of the Fisheries Department in the Netherlands.

Dr Bryce Beukers-Stewart

Lecturer in Marine Environmental Management, University of York, UK

Bryce is a fisheries biologist and marine ecologist whose work has ranged from temperate estuaries to tropical coral reefs and the deep-sea. The central thread in his research has been to gain an increased understanding of the factors regulating marine populations and communities so as to ensure their sustainable exploitation, primarily by fisheries. His work on deep-sea fishes was among the first to demonstrate their extreme longevity, and on coral reefs he provided evidence for new mechanisms of community regulation of prey fish by predators. More recently his focus has been on how to improve the management of scallop fisheries through the use of predictive recruitment models, marine protected areas and stock enhancement. Bryce has also been especially active in promoting the sale and consumption of sustainable seafood by working with everyone from government ministers to fishermen, restaurants and supermarket chains.

Pim de Wit

Project Manager, Department of Environmental Affairs, Port of Rotterdam Authority, The Netherlands

Since 2002 Pim has been working for the Port Authority of Rotterdam. He is responsible for strategy and policy development regarding European and national nature protection laws and its implications for the port of Rotterdam. He has been an adviser during the process of the port extension project Maasvlakte 2 including its compensation scheme. Pim represents port and nature issues in networks such as Paralia Nature project, NEW! Delta project (EU INTERREG) and EU ports sector interest on behalf of the European Seaports Organization.

Mark Russell

Director, Marine Aggregates, British Marine Aggregates Association

Mark is Director of the British Marine Aggregate Producers Association (BMAPA), the representative trade body for the British marine aggregate sector. Having worked in the marine aggregate industry since 1995, he has been involved in a wide range of marine mapping, monitoring and assessment programmes associated with resource management and licence development. In his current role, Mark takes the lead for the sector on policy issues, including marine protected areas, and represents the industry on the steering group for the Marine Aggregate Levy Sustainability Fund (ALSF) – an applied marine research programme that administers over £4m/year.

Kurt Jensen

Environmental and Fisheries Liaison Officer, DONG Energy, Denmark

Kurt Jensen has experience as research biologist for ten years mainly working with marine oil pollution and seabed processes. He has been a consultant for more than twenty years and has worked in 25 countries covering a wide range of environmental aspects. For example he has been project manager of the marine ecological surveying and environmental impact assessments in connection with the two largest Danish infrastructure projects: the Great Belt Connection connecting the two major Danish islands, and the connection between Denmark and Sweden across the Sound. Also he has been involved in coastal zone management, oil pollution, implementation of water framework directive and other EU directives, and development of monitoring programmes.

In the recent periods he has focused on planning and consenting of offshore wind farms, e.g Walney and

Westermost Rough Offshore Wind Farms. At present he is acting as Environmental and Fisheries Liaison Officer at the construction London Array Offshore Wind Farm.

Kurt Jensen has published several international articles, been editor of a monograph that introduces a new EIA method, and is co-author on the first international publication about feedback monitoring systems.

Henning von Nordhiem **Chair, OSPAR Convention**

Henning studied from 1975 to 1982 marine biology, zoology and anthropology (Univ. of Göttingen). He has a PhD (1987) in marine ecology, systematics and evolution of benthic polychaetes, (studies in Sweden, France, Australia and particularly New Zealand). Henning was a lecturer for zoology at the University of Brunswick (1989 – 1991). Since 1992 he has been head of unit “marine and coastal nature conservation” of the German Federal agency for nature conservation. With his staff he is responsible for marine conservation issues of the Baltic Sea, North Sea and Antarctic, including among others: MPAs in the German EEZ, species, biotopes and general site protection, assessing human impacts, setting up restoration programs, monitoring, management of human impacts.

For 10 years he was chair of the HELCOM biodiversity working group; and for 4 years was chair of the OSPAR working group on Marine Protected Areas, species and Habitats (MASH). Since 1989 he has been chair of the OSPAR - MPA programme. He recently started together with IUCN the GOBI (Global Oceans Biodiversity Initiative) to identify globally Ecological and Biological Significant Areas (EBSAs) of the oceans.

Poul Degnbol **Adviser (Scientific Matters), DG Mare, European Commission**

Poul Degnbol is Scientific Adviser in the European Commission charged with improvement of the scientific support to policies, most notably the Common Fisheries Policy, and dialogue with stakeholders regarding science. He is also at the core of the present process to reform the Common Fisheries Policy. An Ecologist by training, he has for more than 30 years worked with marine management issues in Europe, Africa and Asia as Researcher, Research Director and Adviser, and through capacity development projects. Before joining the Commission services in 2006, he was Director for a research institute focusing on institutional aspects of management (Institute for Fisheries Management and Coastal Community Development, Denmark) and Chair of the Advisory Committee on Fisheries Management of the International Council for Exploration of the Sea (ICES).

Professor Dan Laffoley **Principal Specialist, Natural England/Vice-Chair – Marine, IUCN WCPA**

Dan currently divides his time 50:50 between two roles: Vice Chair - Marine for IUCN’s World Commission on Protected Areas (WCPA) and as Principal Marine Specialist for the Chief Scientist’s Team at Natural England.

In the World Commission, Dan was elected as a Vice Chair in 2006. He is currently taking WCPA through a major strategic review to accelerate implementation of MPAs worldwide, including radically developing the role and focus of the marine work through the development and implementation of the WCPA - Marine global Plan of Action. In his role in Natural England’s Chief Scientist’s Team he acts as an internal and external Natural England ‘champion’ for marine conservation issues, and for marine science, evidence and research in particular, and provides thought leadership across Natural England on such issues.