

General Assembly Ad Hoc Open-ended Informal Working Group to study issues relating to the conservation and sustainable use of marine biological diversity beyond areas of national jurisdiction

Intersessional Workshops on the conservation and sustainable use of marine biodiversity beyond areas of national jurisdiction

2-3 & 6-7 May 2013, UNHQ

PANELLISTS' BIOGRAPHIES

ABREU DE ALMEIDA André. Mr. Abreu de Almeida is from Brazil and studied Philosophy and Social Communication, with a specialization in International Relations and Economic Development at the Sorbonne, Paris. He has more than 10 years of experience working with international cooperation in the domain of environmental issues. In 2003, he joined the France Libertés Foundation in Paris, where he worked for six years, two of which in the position of Development Director with participations in the UN Human Rights Council. Mr. Abreu was also a speaker at events at UNESCO (2003), UNFCCC (2008, 2009), UNHRC (2007-2009), UNCSD (2011, 2012), and the E.U Parliament (2007). In 2009 he joined the Tara Expeditions team, taking in charge the international policy & coordination areas.

ARNAUD-HAOND Sophie. Ms Sophie Arnaud-Haond is a researcher at IFREMER, the French Institute for Exploration of the Sea. She is specialized in Ecology and Evolution of Marine Organisms. She mainly studies dispersal and barriers to migration in the marine environment associated to complex life cycles, for their implications for biodiversity, and their influence on the evolution of marine organisms. The final aim of most of her work is the conservation of threatened species or habitats, and the study of metapopulation systems to infer connectivity patterns at different spatial and temporal scales in the oceans. She is therefore also strongly interested in the application of scientific information to the management and conservation of marine genetic resources, as well as to issues related to their access and benefit sharing.

BISSADA-GOODING Caroline. Ms. Caroline Bissada-Gooding completed her first degree in biology at Concordia University in Quebec, Canada, where her final year research on coral reef fishes brought her to a research centre based in Barbados. She went on to complete a postgraduate degree in Natural Resource Management at the University of West Indies in Barbados. Her specialities lie in applied marine and fisheries biology. Past research has focused on movement patterns, maturation and reproductive seasonality of marine species as well as ecosystem mapping with applications for fisheries management. She has worked closely with local fishers and presently sits on the National Fisheries Advisory Committee. Ms. Bissada-Gooding currently holds the position of marine biologist with the Coastal Zone Management Unit of the Government of Barbados where her work encompasses applied research, integrated coastal zone management and marine policy.

BRATHWAITE Angelique. Ms. Angelique Brathwaite studied marine biology at the University of the West Indies, Mona Campus, Jamaica, with postgraduate studies at Cave Hill Campus Barbados, where her research focused on coral diseases. She has worked for over 20 years in her field. Ms. Brathwaite has headed the Marine Research Section of the Coastal Zone Management Unit, Ministry of the Environment (Barbados) since 1996 and has worked extensively as a coral reef ecologist throughout the Caribbean region and internationally. In addition to the practical and analytical aspects of reef research, her work incorporates integrated coastal zone management, marine policy, stakeholder development and public education. She is also a senior member of the Crime Scene Investigation for Corals team.

BROGGIATO Arianna. Ms. Arianna Broggiato is a post doctoral legal researcher in the Biodiversity Governance Unit of the Université catholique de Louvain, in Belgium. She holds an LLM in Environmental Law (UK - Nottingham University) and PhD in International Law (Italy - Università degli Studi di Milano). Her PhD focused on the legal regime of marine genetic resources beyond national jurisdiction. Her main fields of research are: international law of the environment and law of the sea. She has

been working within different research centers, intergovernmental and non-governmental organizations on several projects on: plant, animal and microbial genetic resources; marine and fisheries related issues and sustainable development of mountain areas (the Alps and the Carpathians). Ms. Broggiato is a member of the International Council of Environmental Law.

CALEWAERT Jan-Bart. Mr. Jan-Bart Calewaert has been Science Officer at the European Marine Board since 2007, where he is responsible for strategic science-policy activities in thematic areas including marine pollution, climate change impacts on the marine environment and marine biotechnology. From 2009 to 2010, Jan-Bart facilitated the multidisciplinary Marine Board Working Group on Marine Biotechnology. He played a central role in the European FP7 Coordination and Support Action CSA MarineBiotech (2011-2013) and was responsible for coordinating the development of the Work Package on Legal and Policy issues in the EU FP7 Bioprospecting Project PharmaSea. Previously, Mr. Calewaert worked for the Maritime Institute at the Department of International Public Law of the University of Ghent and for the Flanders Marine Institute (VLIZ). He holds a degree in Bioscience Engineering (University of Ghent, Belgium) and a Research Masters in Ecological Marine Management (University of Brussels, Belgium).

CHEN Jianming. Mr. Jianming Chen is a professor and deputy director at the Laboratory of Marine Genetic Resources, Third Institute of Oceanography, State Oceanic Administration of China. The primary focus of Mr. Chen's research has been developmental biology and immunology of invertebrates. Recently he began to study marine biodiversity and conservation.

CHIAROLLA Claudio. Mr. Claudio Chiarolla is Research Fellow on International Biodiversity Governance at the Institute for Sustainable Development and International Relations (IDDRI) in Paris. He is trained as a lawyer and holds a Ph.D. in law (intellectual property) from Queen Mary, Centre for Commercial Law Studies, University of London. Mr. Chiarolla has also taught Public International Law at the Paris School of International Affairs, Sciences Po.

CORREA Carlos. Mr. Carlos Maria Correa is Special Advisor on Intellectual Property and Trade of the South Centre and Director of the Center for Interdisciplinary Studies on Industrial Property at the Law Faculty, University of Buenos Aires. He has been a visiting professor in post-graduate courses of several universities and consultant to various regional and international organizations. He has advised several governments on intellectual property, innovation policy and public health. He was a member of the UK Commission on Intellectual Property, of the Commission on Intellectual Property, Innovation and Public Health established by the World Health Assembly and of the FAO Panel of Eminent Experts on Ethics in Food and Agriculture. Mr. Correa is the author of several books and numerous articles.

CURRIE Duncan. Mr. Duncan Currie is a practising international and environmental lawyer. He holds an LL.B. (Hons.) from the University of Canterbury in New Zealand and LL.M. from the University of Toronto in Canada. He has practised international law and environmental law for over twenty-five years, and has advised a number of NGOs, corporations and governments on a wide range of environmental issues focusing on the law of the sea, including fisheries, whales and marine biodiversity, climate change, nuclear transport, biosafety and waste issues.

FORTES Miguel. Mr. Miguel D. Fortes has 30 years experience as a marine ecologist. Former Head of the UNESCO Intergovernmental Oceanographic Commission Regional Secretariat for the Western Pacific, member of the Technical Expert Panel on Marine and Coastal Protected Areas of the Convention on Biological Diversity, co-Chair of the Biodiversity Programme for East and Southeast Asia of the Japan Society for the Promotion of Science, and Philippine Focal Point of the UNESCO Man and Biosphere and Natural World Heritage Sites Programme. Past President of the World Seagrass Association, he is currently the International Officer of the Society for Conservation Biology and member of the CI-IUCN-UNESCO IOC International Blue Carbon Working Group. In 2012, for his exemplary accomplishments, he received the Life Achievement Award from the UNESCO National Commission of the Philippines.

GABRIELSEN Kjersti Lie. Ms. Kjersti Lie Gabrielsen is Cand. scient in Organic Chemistry from the University of Tromso, Norway. She is head of Marbank, a national marine biobank that collects, preserves and catalogues marine organisms from Norwegian waters for research, commercial and exploitation purposes. Marbank provides an easy accessible repository of marine organisms from Arctic and sub-Arctic areas for R&D institutions and industry that search for novel compounds. Marbank is established in close cooperation with the Norwegian Ministry of Fisheries and Coastal Affairs. Norway has a national strategy for marine bioprospecting as a source of new and sustainable wealth growth and is in the process of establishing regulations for the access to, and exploitation of, genetic resources from Norwegian waters.

GJERDE Kristina. Ms. Kristina M. Gjerde is Senior High Seas Advisor to IUCN---the International Union for Conservation of Nature. A graduate of the New York University School of Law, Ms. Gjerde initially practiced shipping law but for the past 10 years has studied the laws, science and policy relating to conserving and sustaining marine biodiversity beyond national jurisdiction. She represents IUCN in a variety of fora, including the United Nations, the Convention on Biological Diversity, the International Maritime Organisation and the FAO Committee on Fisheries. Her recent publications include "Systematic conservation planning: A better recipe for managing high seas for biodiversity conservation and sustainable use" (2013), Conservation Letters; and "Challenges to Protecting the Marine Environment beyond National Jurisdiction" (2012), 27 International Journal of Marine and Coastal Law 839-847.

GLOWKA Lyle. Mr. Lyle Glowka, former Senior Legal Advisor to the Convention on Biological Diversity, is Head of the Convention on Migratory Species Abu Dhabi Office. Between 2007 and 2013, he was part of the CBD Secretariat's ABS team supporting the Nagoya ABS Protocol's negotiation, adoption and entry into force. A biologist and international lawyer, Mr. Glowka has published widely on ABS issues. He worked closely with the hydrothermal vent research community on the conceptual basis underpinning the 2007 InterRidge Statement of Responsible Research Practices at Deep-sea Hydrothermal Vents. His seminal 1995 and 1996 article, "The Deepest of Ironies: Genetic Resources, Marine Scientific Research and the International Seabed Area", and advocacy placed the issue on the international agenda. His most recent publication is "Evolving Perspectives on the International Seabed Area's Genetic Resources: Fifteen Years after the 'Deepest of Ironies'" (2010).

GREIBER Thomas. Mr. Thomas Greiber is Senior Legal Officer at the Environmental Law Centre of the International Union for Conservation of Nature (IUCN). He holds a law degree from the University of Cologne Law School and a Master of Laws in

International Environmental Law from the George Washington University in Washington D.C. Thomas has published in different fields of international environmental law and policy. He is the lead-editor and a co-author of the IUCN Explanatory Guide to the Nagoya Protocol. He has worked as a consultant for different governments on ABS issues, and currently represents the IUCN Environmental Law Centre in two EU funded research projects related to marine genetic resources – Micro B3 and PharmaSea.

HALPIN Patrick. Mr. Patrick Halpin leads the Marine Geospatial Ecology Lab at the Nicholas School of the Environment, Duke University. He received his Ph.D. in Environmental Sciences from the University of Virginia in 1995. Mr. Halpin's research focuses on marine geospatial analysis, geographic information systems and remote sensing; and marine conservation and ecosystem-based management. He sits on a number of international scientific and ocean policy program steering committees. Mr. Halpin and the Marine Geospatial Ecology Lab are currently conducting research on the high-seas, global fisheries, marine spatial planning, ocean information systems, marine conservation, migratory species and ecological modeling. The work of the Marine Geospatial Ecology Lab contributes analysis, tool development, and open-access data to marine policy and management processes from local to international scales.

HOEL Alf Håkon. Mr. Alf Håkon Hoel is Research Director of the Institute of Marine Research of Norway. He lives and works in Tromsø, Norway at 70 degrees North, well beyond the Arctic Circle. A political scientist by training, his research centers on the institutional issues in management of the marine environment and its natural resources, in particular in the polar areas. Mr. Håkon is the author of numerous academic publications. Recent works addresses ecosystem-based management, international cooperation in marine scientific research, and implications of climate change for the management of the marine environment.

ISMAIL Adam. Mr. Adam Ismail is Executive Director of the Global Organization for EPA and DHA Omega 3s (GOED), an association of the world's processors, refiners, manufacturers, distributors, marketers, retailers and supporters of EPA and DHA Omega-3 fatty acids. Mr. Adam has served as GOED's Executive Director since its founding in 2006. GOED works to increase consumption of EPA and DHA to sufficient levels through consumer education and establishment of recommended intakes and health claims. Since these nutrients are so important for human health, GOED also works to ensure that industry acts responsibly by setting quality guidelines for the global industry and working to ensure resources are sustainably managed. He received a BSBA from Boston University and an MBA from the IESE Business School in Barcelona, Spain.

JUNIPER Kim. Mr. Kim Juniper is Science Director for the Ocean Networks Canada undersea cabled observatory. He is also a Professor in the School of Earth and Ocean Sciences and the Department of Biology at the University of Victoria, and holder of the BC Leadership Chair in Ocean Ecosystems and Global Change. The primary focus of his research has been the microbiology and ecology of submarine hydrothermal systems. Juniper co-leads the Biodiversity theme in the Canadian Healthy Oceans Network (CHONe). He has been an advisor to the International Seabed Authority on the biology of hydrothermal vents and currently chairs the InterRidge Industry Liaison Committee that is working with the deep-sea mining sector to develop joint guidelines for the environmentally responsible extraction of seafloor massive sulphide ore deposits.

KARSENTI Eric. Mr. Eric Karsenti obtained a PhD in Immunology and cell Biology at the Pasteur Institute in Paris in 1979. Then he moved to the University of California San Francisco until 1984, before establishing his own group at the European Molecular Biology Laboratory (EMBL) in Heidelberg in 1985. He contributed largely to the understanding of the cell cycle clock and mitosis. Over the past 15 years, he has created and directed the Cell Biology and Biophysics unit in which he hired an interdisciplinary team of group leaders including cell biologists, geneticists, physicists and imaging developers. They all had in common an interest in the understanding of cell and organisms morphogenesis. Research director at the CNRS and Senior Scientist at EMBL, he is a member of EMBO and of the French Academy of Sciences and since 2009 he is the Scientific Director of the TARA OCEANS expedition.

KITAZAWA Kazuhiro. Mr. Kazuhiro Kitazawa started his UNESCO carrier in July 1976 as an Earth Science Programme Specialist at the Secretariat for the International Geological Correlation Programme (IGCP) and at the same time served in the initiation team of the Natural Hazard Programme. He was transferred to the IOC Secretariat in December 1980 as an Assistant Secretary for Training, Education and Mutual Assistance Programme (TEMA). He mostly served to assist young scientists of IOC Member States in improving their capabilities to implement marine scientific research through organizing training courses series on marine geology/geophysics, oceanographic data management for WESTPAC, harmful algal bloom and other thematic courses such as earth science school in the South Pacific, and arranging individual study opportunities. He has worked for JAMSTEC as a special advisor to the Director of the Planning Department since January 1997.

LEE Jihyun. Ms. Jihyun Lee is the Environmental Affairs Officer for marine and coastal biodiversity within the Secretariat of the Convention on Biological Diversity/the United Nations Environment Programme. As such, she covers various issues related to the implementation of the Jakarta Mandate, such as integrated marine and coastal management, marine and coastal protected areas, conservation of deep sea biodiversity, marine invasive alien species, etc. In particular, she coordinates the organization of a series of CBD regional workshops to facilitate the description of ecologically or biologically significant marine areas, including marine areas beyond national jurisdiction. Ms. Lee also coordinates the implementation of the CBD's Sustainable Ocean Initiative as a global platform of partnership and capacity development toward achieving the Aichi Biodiversity Targets related to marine and coastal biodiversity.

MOLENAAR Erik. Mr. Erik J. Molenaar is senior research associate at the Netherlands Institute for the Law of the Sea (NILOS), Utrecht University, and adjunct professor law of the sea at the Faculty of Law of the University of Tromsø. After having completed his PhD on 'Coastal State Jurisdiction over Vessel-Source Pollution' (1998), he broadened his research field with international fisheries law and the international law relating to the Antarctic and Arctic. In addition to pure academic research, he acted as a consultant for various governments, intergovernmental organizations and private companies. His research and consultancy activities have led to, and benefited from, his participation in various diplomatic conferences and other intergovernmental meetings, including the annual meetings of several regional fisheries management organizations.

NAKAMURA Takehiro. Mr. Takehiro Nakamura is Coordinator of the Marine Ecosystems Unit, Division of Environmental Policy Implementation, United Nations

Environment Programme (UNEP). He holds a PhD from Kyoto University (Global Environmental Studies), a Master of Science from the University of California at Berkeley (Civil Engineering) and a Master of Engineering from Kyoto University. Within UNEP, he has been promoting adoption of an ecosystem approach at the local, national and regional levels, particularly to aquatic systems, including regional seas. He has also been instrumental in developing a joint project with FAO on deep sea fishery and biodiversity within the GEF ABNJ Programme where the UNEP component is aimed at developing area-based management methodologies applicable to ABNJ and pilot test the approach in two regions.

NIKLITSCHKEK Edwin. Mr. Edwin Niklitschek is a marine biologist with a Ph.D. in Marine Sciences (University of Maryland at College Park), and Associate Professor at the i-mar Center, University of Los Lagos in Southern Chile. His research focuses on the ecology of fish populations and communities in seamounts and other deepwater habitats and Patagonian fjords. He has also worked on the development and application of geostatistical tools suitable to assess changes in the distribution and abundance of exploited populations from data gathered at fishing vessels and other platforms of opportunity. A former collaborator in the Census of Marine Life Initiative, Mr. Niklitschek is currently a member of the International network for Scientific Investigation of Deep-Sea Ecosystems.

OLDHAM Paul. Mr. Paul Oldham is an anthropologist and holds a PhD from the London School of Economics and Political Science. In the 1990s, he carried out intensive field work with indigenous peoples in Southern Venezuela before turning to policy research on the United Nations Convention on Biological Diversity. Mr. Oldham's team has recently completed work to text mine 11 million patent documents for six million species names as a contribution to monitoring biological diversity in the patent system under the Nagoya Protocol. He was formerly a director of a digital methods unit at the ESRC Centre for Economic and Social Aspects of Genomics in the UK and is presently a Visiting Research Fellow at the Institute of Advanced Studies at United Nations University.

RICE Jake. Mr. Jake Rice is Chief Scientist for the Department of Fisheries and Oceans, Canada. He previously served as Director of Peer Review and Science Advice and held senior DFO Science positions in Pacific and Newfoundland Regions. He received BSc. from Cornell (1970 Conservation) and Ph.D. from University of Toronto (1974 - Ornithology). He has more than 270 publications in the scientific and technical literature, primarily on the ecosystem approach to integrated management. He is a member of the Group of Experts for the UN Regular Process for Global Marine Assessments, and a Lead Author for the chapter on Drivers, Trends and Mitigation, for the next IPCC Assessment Report. Mr. Rice has been active as an expert or delegate to many UN meetings and agencies (FAO, CBD, GEF, UNEP, UNESCO-IOC, ICP, BBNJ etc).

ROBERTS Callum. Mr. Callum Roberts is professor of marine conservation at the University of York in the UK. His research focuses on threats to marine ecosystems and species, and on finding the means to protect them. His main research interests include documenting the impacts of fishing on marine life, both historic and modern, and exploring the effectiveness of marine protected areas. For the last 10 years Mr. Roberts has used his science background to make the case for stronger protection for marine life at both national and international levels, including writing two books about humanity's growing impacts on the sea. His research team provided the

scientific underpinning for a network of six high seas marine protected areas covering 285,000 km² of the North Atlantic that was declared in 2010.

SANDERS Jessica. Ms Jessica Sanders is a Fisheries Planning Analyst at the Food and Agriculture Organization of the United Nations. She works in the Policy, Economics and Institutions Service of the Fisheries and Aquaculture Department, and has been with the organization for seven years. She studied International Environmental Policy with a marine focus and now works on issues related to the interface of fisheries management and biodiversity conservation in both large and small-scale fisheries. She works on a range of topics including deep-sea fisheries in the high seas, marine protected areas and fisheries and other fishery planning issues.

SERRÃO Ester. Ms. Ester Serrão teaches at the University of Algarve and coordinates a research team in Marine Ecology and Evolution at the Centre of Marine Sciences, Portugal. She has published over 100 scientific papers in marine population ecology, evolution and genetics, coordinated over 20 research projects, developed partnerships in international projects and networks of excellence. In marine conservation, she coordinates a marine habitat restoration programme at a marine protected area in Portugal, and received prizes awarded by private entities to marine conservation initiatives. She is one of the national coordinators of European MSc and PhD programmes in marine conservation.

SIEBRASSE Norman. Mr. Norman Siebrasse is a Professor of Law at the University of New Brunswick. He received his BSc in Engineering Physics and his LLB from Queen's University, Canada, before clerking at the Supreme Court of Canada for the Honourable Madam Justice McLachlin during the 1991-1992 term. After receiving an LLM from the University of Chicago, he joined the University of New Brunswick Faculty of Law in 1993. He teaches in the areas of intellectual property law, commercial law and remedies. His research focuses on patent law.

SLATTERY Marc. Mr. Marc Slattery is a Professor of Marine Biology at the University of Mississippi's School of Pharmacy. His interdisciplinary research programme is focused on the biotechnological potential of natural products isolated from marine invertebrates. Slattery uses clues from the field, as well as biochemical profiling, to target likely biomedical activity in the samples he collects. His collections have taken him to the tropical Indo-Pacific and Caribbean, temperate, and polar ecosystems, and he has utilized SCUBA, technical diving, and submersibles to access samples from shallow and deep coral reefs, kelp forests, marine caves, ice covered oceans and lakes, and the deep sea. Mr. Slattery is committed to outreach and support for local stakeholders relative to fair and equitable shared development of partner countries' marine genetic resources.

SOTO Eulogio. Mr. Eulogio Soto Oyarzún is Marine Biologist and Senior Lecturer at the Faculty of Marine Sciences and Natural Resources, Universidad de Valparaíso, Chile. He is PhD at National Oceanography Centre, Southampton University and The Natural History Museum, UK. His research is focused on shallow and deep-sea benthic biology and ecology with emphasis on taxonomy, structure, function and processes of marine invertebrate assemblages. He has participated in several oceanographic cruises and expeditions and presented the research results in important scientific journals and international meetings. He was part of the Census of Marine Life Initiative as researcher on Census of Deep-Sea Abyssal Marine Life project. Currently Mr. Soto is developing investigation on ecology of marine shore communities in Patagonian fjords and channels; assessment of the response of

seabed macrobenthic assemblages to Oxygen Minimum Zone and Organic Enrichment conditions at continental shelf of central Chile, among others.

TSAMENYI Martin. Mr. Martin Tsamenyi is Professor of Law and Director of the Australian National Centre for Ocean Resources & Security (ANCORS) at the University of Wollongong, Australia. He holds a Bachelors of Laws degree from the University of Ghana, Master of International Law and Doctor of Philosophy degrees from the Australian National University. Mr. Tsamenyi's research and advisory work focus primarily on ocean resources law and policy, marine resources law and policy and maritime security. He has written extensively on these areas and has undertaken consultancies for several inter-governmental organizations, governments, non-governmental organizations and industry around the world. In 2012, he was made a Member in the Order of Australia in recognition of his contribution to oceans law and policy in the Asia-Pacific region.

VIERROS Marjo. Ms. Marjo Vierros is an Adjunct Senior Fellow at the United Nations University Institute of Advanced Studies, where she coordinates the Global Marine Governance project. She is also a Senior Fellow with the Traditional Knowledge Initiative of the United Nations University. With degrees in biology, oceanography and marine biology, her career has included work with research, conservation and United Nations organizations in countries in the Caribbean, North and Central America, Bermuda and the Pacific. Originally from Finland, her early career involved field work in oceanography and tropical marine ecology, while her later career has concentrated on translating this experience into management and policy. Ms. Vierros's current research interests include linking global and local scales in ocean and coastal management, marine genetic resources, and community-based marine management.

YAGI Nobuyuki. Mr. Nobuyuki Yagi is Associate Professor at the University of Tokyo. His area of study includes fisheries economics and marine policy. He received a graduate degree (MBA) from the Wharton School (Class of 1994) of University of Pennsylvania, Philadelphia, USA, and doctoral degree from the Graduate School of Agricultural and Life Sciences, the University of Tokyo, Japan. Mr. Yagi served as a bureau member for the OECD Committee for Fisheries from 2003 to 2008 as well as a friend of the Chair (Rules Negotiation on fisheries subsidies) of WTO from 2007 to 2008.