

# POLAR OCEANS: ENGINE TO THE GLOBAL OCEAN

## Messages & Messengers

A UN OCEAN CONFERENCE EVENT

28 JUNE 2022, 6.00 PM - 8.00 PM

MAR DA PALHA AUDITORIUM, OCEANÁRIO DE LISBOA - ESPLANADA D. CARLOS I - 1990-005 LISBOA



## PROGRAMME

This event is organised by



In partnership with



International Cryosphere  
Climate Initiative

WELCOME REMARKS BY MR. JOSÉ SOARES DOS SANTOS

INTRODUCTORY REMARKS BY HSH PRINCE ALBERT II OF MONACO

SESSION 1

POLAR OCEANS, THE ENGINE ROOM OF THE GLOBAL OCEAN

With interventions from:

Prof. Mike Meredith

Dr. Sian Henley

Dr. Florence Colleoni

Prof. Richard Bellerby

moderated by Dr. Renuka Badhe

SESSION 2

VOICES FOR THE POLES,  
BRINGING THE ISSUES TO THE WIDER PUBLIC

With interventions from:

Dr. Tiago Pitta e Cunha

Mr. Robert Calcagno

Mr. Luc Jacquet

Arch. Giulia Foscari W. R.

moderated by Mr. Ashok Adicéam

CLOSING REMARKS BY AMBASSADOR OLIVIER POIVRE D'ARVOR

THE CONFERENCE WILL BE FOLLOWED BY A COCKTAIL MIXER



## Mr. JOSÉ SOARES DOS SANTOS

Welcome remarks

José Soares dos Santos graduated in Marine Biology from Lisbon Classic University, in 1986, with executive education at IMD (1995) and Harvard (1997), and Alumni Member of Stanford (2000). He holds the position of: Executive President of Sociedade Francisco Manuel dos Santos B.V., the main shareholder of Jerónimo Martins, SGPS, S.A., since its establishment in 2012; Member of the Board of Directors of Jerónimo Martins SGPS, S.A. from 1995 to 2001 and from 2004 to 2015 and non-Executive Director of the Company since 11 April 2019; Chairman of Unilever Fima, Lda., Gallo Worldwide, Lda., JMDB Representação e Distribuição de Marcas Lda. and miMed, Cuidados de Saúde S.A.; Chairman of Movendo Capital B.V., since 2017.

Since May 2020, he is the Chairman and Trustee of the Board of Fundação Francisco Manuel dos Santos, of which he was a Board Member from 2009 to 2018. Since September 2015, he is the Chairman of Oceanário de Lisboa, S.A., and, since December 2016, Chairman of the Board of Trustees and the Board of Directors of the Oceano Azul Foundation.



## Dr. RENUKA BADHE

Moderator Session 1

Dr Renuka Badhe currently serves as the Executive Secretary of the European Polar Board, based in the Netherlands, and has previously worked with the Scientific Committee on Antarctic Research (SCAR), IUCN, and others. She holds a PhD on southern ocean oceanography (British Antarctic Survey), and additionally a masters specialising in economics and public policy (University of Cambridge). As a knowledge broker, she has longstanding expertise working with organisations and projects at the interface of governance, science, and policy in the polar regions and has served on various national and international scientific and advisory committees.

She has participated in several multinational, intergovernmental and non-governmental meetings, at all levels as an organiser, contributor and delegate. Renuka has worked with a wide range of national, European and International organisations on various aspects of polar science, policy and/or strategy development. She is a passionate advocate for diversity in polar research and has co-founded the Women in Polar Science network to highlight and promote women working in all aspects of polar research, particularly as an outspoken advocate for members of underrepresented communities.



## Prof. MICHAEL MEREDITH

Speaker Session 1

Prof. Michael Meredith, Oceanographer and Science Leader, British Antarctic Survey. Michael is an oceanographer and Science Leader at the British Antarctic Survey (BAS) in Cambridge, UK. He is head of the Polar Oceans team at BAS, which has research foci on determining the role of the polar oceans on global climate, the ice sheets, and the interdisciplinary ocean system. He is an Honorary Professor at the University of Bristol, a Fellow of the Royal Geographical Society, and a NERC Individual Merit Promotion (Band 2) scientist. He has published more than 200 papers in international journals and was the inaugural chair of the Southern Ocean Observing System. He led the design and delivery of the multi-institute, £10M ORCHESTRA programme, which is unravelling the role of the Southern Ocean in controlling global climate.

He was recently Coordinating Lead Author for the IPCC Special Report on Oceans and Cryosphere in a Changing Climate. In 2018, Mike was awarded the Tinker-Muse Prize for Science and Policy in Antarctica, in recognition of his contributions to the study of the Southern Ocean and its global impacts, and the Challenger Medal, for exceptional contributions to Marine Science. In 2020, he was awarded the Polar Medal. In 2021, Mike was elected to serve as President of the Challenger Society for Marine Science, the UK's pre-eminent learned body for research of the ocean.



**Dr. FLORENCE COLLEONI**

Speaker Session 1

Dr. Florence Colleoni is a glaciologist and a paleoclimatologist at the National Institute of Oceanography and Applied Geophysics (OGS), Trieste - Italy since 2018. She got her Ph.D. about climate modeling of past glaciations at the Institute of Glaciology and Environment in Grenoble (France) in 2009.

Her research focuses on the evolution of ice sheets from deep past to present and future using numerical modeling. She uses a multi-disciplinary approach to investigate the interactions between all components of the Earth's system in the polar area. She is currently SCAR co-chief officer of the Science Research Programme INSTANT «Instabilities and Thresholds in Antarctica», whose aim is to improve sea level projections by bridging paleo, present and future Antarctic sciences.



**Dr. SIAN HENLEY**

Speaker Session 1

Dr. Sian Henley is a Lecturer in Marine Science at the University of Edinburgh. She also serves as Vice Chair of the Southern Ocean Observing System (SOOS), a member of the Southern Ocean Task Force for the UN Decade of Ocean Science for Sustainable Development, a lead author for the Marine Ecosystem Assessment for the Southern Ocean (MEASO) and a Science Theme Leader within the Scottish Alliance for Geoscience, Environment and Society (SAGES). Sian has a diverse range of research interests from polar ocean ecosystem change to climate change impacts on children worldwide, is active in the science-policy space with a focus on the polar oceans, and is a passionate lecturer, educator and communicator across the spectrum of marine and polar science.



**Prof. RICHARD BELLERBY**

Speaker Session 1

Professor Richard Bellerby is a marine biogeochemist studying ocean chemistry, marine ecosystems, climate change and socioecological systems through observations and modelling. He has over 140 peer-reviewed publications. He is Chief Scientist for Climate and Oceans at the Norwegian Institute for Water Research, Bergen, Norway; Director of the SKLEC-NIVA Centre for Marine and Coastal Climate Research, East China Normal University, Shanghai, China; and Adjunct professor at the Faculty of Applied Sciences, UCSI, Kuala Lumpur, Malaysia.

He is co-leader of IMBER/Future Earth Coasts Continental Margins Working Group, Scientific Steering Committee member on the SCOR/IGBP Integrating Climate and Ecosystem Dynamics working group and Executive Steering Committee of GOA-ON. He chairs the Arctic Council AMAP working group on Arctic Ocean Acidification and is a member of the AMAP Climate Expert Group. He is co-champion on the UN Decade Ocean Acidification Research for Sustainability (OARS) and will be the Nordic contact for the newly endorsed Ocean Decade Blue Carbon programme GO-BC.



**Mr. ASHOK  
ADICÉAM**

Moderator Session 2

Ashok Adicéam is special Advisor to the Ambassador in charge of poles and maritime issues since February 2021. He was responsible for the national event «2021, Polar Summer» in 26 cities as part of the French presidency of the Antarctic Treaty Meeting, and then for organizing, with the One Planet Summit, the «One Ocean Summit» for the mobilization of international maritime actors in partnership with the United Nations.

For the French Ministry of Europe and Foreign Affairs, he was director of French Institutes around the world, and then of philanthropic foundations in the 4 continents where he lived and worked: in Great Britain, Nigeria, India, China and the United States. He has as much experience in the private sector as in the French public service of culture and diplomacy, where he knows how to transpose his managerial skills thanks to a sustained and proven experience of fundraising and production of major events. He was Secretary General of the Year of La Francophonie in 2006.

For more than 25 years, he has never ceased to share his of purpose and commitment with kindness, attentive to teamwork, the impact of actions and to the many partnerships he has been able to mobilize along the way for the organizations he served. French national, born in New Delhi in 1970, grew up in Paris where he lives and works.



**Mr. LUC  
JACQUET**

Speaker Session 2

Having finished his studies in biology, Luc Jacquet spent time in Antarctica where he discovered the two great passions in his life: images and scientific mediation. His first feature-length movie, MARCH OF THE PENGUINS, was seen by 25 million film-goers from all over the world. It received many awards, the most prestigious being the 2006 Oscar for the best documentary feature film. In 2010, he decided to get involved in helping to preserve nature using the emotions provoked by the magic of cinema.

After ONCE UPON A FOREST, a film made in 2013, Luc Jacquet continued his film-making career by working together with the eminent glaciologist, Claude Lorius, to produce a new feature-length movie, entitled ICE AND SKY, which was screened at the closing ceremony of the 2015 Cannes Film Festival. This project is part of an ambitious multi-media programme which aims to raise awareness of the issues connected with global climate change. Luc also designed and produced the immersive exhibition called ANTARCTICA which was hosted by the Musée des Confluences in Lyon. It was seen by 550,000 visitors and was ranked 3rd for attendances at exhibitions in France in 2017.



**Dr. TIAGO  
PITTA E CUNHA**

Speaker Session 2

Tiago Pitta e Cunha has been Chief Executive Officer of Oceano Azul Foundation since its establishment in 2017. For over two decades, he has pursued an international career advocating for stronger ocean governance, having worked for the United Nations, the European Commission, the Portuguese government and the President of Portugal.

He was awarded the European Citizen's Prize by the European Parliament for his actions dedicated to promoting ocean governance in the United Nations, the European Union and in Portugal in 2016. He was awarded with the Pessoa Prize, the most prestigious award in Portuguese culture and science in 2021.



**Mr. ROBERT  
CALCAGNO**

Speaker Session 2

Robert Calcagno has been Chief Executive Officer of the Oceanographic Institute, Prince Albert I of Monaco Foundation, since 2009. In that capacity he is Head of the Oceanographic Museum of Monaco and the Maison de l'Océan in Paris. This former Advisor to the Cabinet of HSH Prince Albert II of Monaco is very involved in the development of a more sustainable and balanced society and the protection of the oceans and held the office of Minister in charge of the Environment in the Principality from 2006 to 2009.

He directs the Monaco Explorations, a platform devoted to serving the commitment of HSH Prince Albert II, whose aim is to use these explorations as a tool to reconnect Man with the Sea. He is the author of several books intended for the general public, including "Sea Turtles - the Great Odyssey", "Jellyfish - Out to Conquer the Ocean", "Sharks - Beyond the Myth" and "Corals, a treasure to protect" and « At the heart of the polar worlds, challenged by global warming and exploitation ».



**Arch. GIULIA  
FOSCARI W. R.**

Speaker Session 2

Giulia Foscari W. R. is an architect, researcher and activist who has been practising in Europe, Asia and the Americas. She is the founder UNLESS, a non-profit agency for change devoted to interdisciplinary research on extreme environments threatened by the planetary crisis, and of its alter ego UNA, an architecture studio focussed on cultural projects.

Recent work of UNA include the Anish Kapoor Art Foundation. Giulia's past work experience includes an extensive collaboration with Rem Koolhaas and with Zaha Hadid. She taught at Hong Kong University and at the Architectural Association in London, where she ran a Diploma Unit and founded the transnational platform of the Polar Lab. The work of UNA and UNLESS was exhibited in multiple editions of the International Architecture Exhibition of La Biennale di Venezia and other international venues, including the Museo Nacional Thyssen Bornemisza in Madrid. Giulia authored Elements of Venice (Lars Müller Publishers, 2014) and is the editor of Antarctic Resolution (Lars Müller Publishers, 2022); the latter was awarded the DAM Architectural Book Award 2021, the MGIP Book Award 2021 and the Grand Prize by the European Commission initiative S+T+ARTS.

Giulia is a member of the International Council of the Museum of Modern Art (MoMA), and a Board Member of the Fondazione Musei Civici di Venezia and of the Antarctic and Southern Ocean Coalition (ASOC).



**Amb. OLIVIER  
POIVRE D'ARVOR**

Closing Remarks

Ambassador for the Poles and Maritime Issues, President of the National Navy Museum, Olivier Poivre d'Arvor is a diplomat, cultural official, maritime specialist, and author.

Founder and president of « Marathon des mots » in 2005, he was appointed Director of Radio France Culture in the summer of 2010 until September 2015. He was named Ambassador for France's Cultural Attractiveness. He then held the post of Ambassador of France to Tunisia (2016-2020).

A specialist in maritime and environmental issues, he has been President of the National Navy Museum since 2014 and founded the Saison Bleue (an association promoting the sustainable blue economy, particularly in the Mediterranean region), and the Forum Mondial de la Mer in Bizerte, with Pascal Lamy. He was appointed Ambassador for the Poles and Maritime Issues in December 2020.

Novelist, biographer and essayist, Olivier Poivre d'Arvor has published many works.



#### TOGETHER FOR A GREATER PROTECTION OF POLAR REGIONS

Polar regions are at the center of public attention, as visible signs of climate-induced changes are regularly reported in the media. With the 2019 IPCC SROCC putting a dedicated focus on the cryosphere, there is an appetite to better understand the extent and scope of these changes and their impact on global social, economic and environmental systems.

Polar regions have been a priority geographical area for the Prince Albert II of Monaco foundation (PA2F) from the start; upon years of allocating grants to recipients, PA2F has built an extensive network of partners and friends involved in polar issues. Further, strongly led by the personal commitment of sovereign princes, Monaco institutions have engaged in polar work, building on science and explorations led by Prince Albert I<sup>st</sup> and expeditions to both poles by HSH Prince Albert II. This provides PA2F with credibility that will be capitalized upon for greater influence and advocacy on polar issues.

With this initiative, the Foundation will take a more proactive role in polar conservation.

The Foundation will proactively engage and, in so far as its positioning and capacity allow, take a leading role in some of the challenges related to the understanding and protection of polar ecosystems, with the objective to generate greater influence and impact benefitting the protection of the polar regions.



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