



SEA & THE CITY

PATHWAYS FOR COASTAL RESILIENCE

Conference | 25th March 2022 | Yacht Club of Monaco

PRESENTED BY



CO-CONVENED BY



STIMSON

ENDORSED BY



FOREWORD

Coastal areas are at the forefront of climate change. Rising sea levels, increasing ocean temperatures, the intensification of extreme weather events, and more erratic rainfall are amplifying economic, social, and environmental vulnerability in coastal zones. Small Island Developing States and coastal Least Developed Countries are often the most affected and least able to prepare and respond to climate impacts. By 2050, one billion people are expected to be living in low-lying areas exposed to climate-related risks.

Coastal ecosystems, when protected, provide key services to enhance climate resilience and safeguard both blue economies and human wellbeing. Coastal habitats store blue carbon, provide protection from storms, improve water quality and enhance fisheries production.

Please join us as we review what's at stake in the coastal zone, identify tools for assessing vulnerabilities and promote solutions.

The conference will build on the work of the conveners and partners, particularly focusing on nature-based solutions, as no regret options.

Recommendations from the symposium will be used by governments, industry, and civil society to inform improved decision making and take collective action to protect and enhance resilience of coastal and marine ecosystems to climate change to benefit societies and economies around the world.

The conference is convened under the presidency of HSH Prince Albert II of Monaco and organized by the Prince Albert II of Monaco Foundation in collaboration with the Stimson Center and the Ocean & Climate Platform.

The conference has been officially endorsed as an event under the United Nations Decade of Ocean Science for Sustainable Development 2021-2030.



PROVISIONAL PROGRAMME

9:00 – 9:20 WELCOME REMARKS & KEYNOTE MESSAGE

REMARKS FROM CONVENING PARTNERS

Olivier Wenden

Vice-President,
Prince Albert II of
Monaco Foundation



Sarah Stimson Karis

Board of Directors &
ACRE Board of Counselors,
Stimson Center



Raphaël Cuvelier

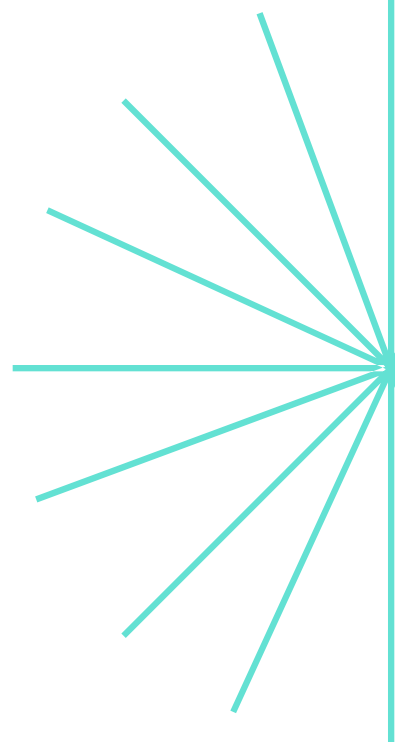
Vice President,
Ocean & Climate Platform



KEYNOTE VIDEO MESSAGE

Monica Medina

Assistant Secretary,
Oceans and International
Environmental and Scientific
Affairs, US State Department



9:20 - 10:40 SESSION 1

COASTAL RESILIENCE TO BIODIVERSITY LOSS AND CLIMATE CHANGE: WHAT'S THE SITUATION AND WHAT'S AT RISK?

The session will review the status and sensitivity of coastal ecosystems. Threats and challenges will be looked at both from a climate change angle [IPCC reports] and from a biodiversity perspective [IPBES and post 2020]. Issues of equity, social impacts, economic risks and integrity of the ecosystems will be discussed.

Session Coordinator: Ocean & Climate Platform

MODERATOR

Linwood Pendleton

Executive Director, Ocean
Knowledge Action
Network International
Project Office



PANEL

Hans-Otto Pörtner

IPCC Vice Chair
Working Group II



Tanya Brodie Rudolph

CEO and Founder,
Enviromer



Robert Nicholls

Director, Tyndall
Center for Climate
Change



Awa Bousso Drame

PhD Student, UCL, West
African Coastal Areas
Program, Centre de
Suivi Ecologique, Dakar,
Senegal



10:40 - 11:10 COFFEE BREAK

11:10 - 12:40 SESSION 2

ASSESSING VULNERABILITY: THE NEED FOR INNOVATIVE TOOLS, POLICIES AND PLANNING FOR COASTAL RESILIENCE

Threats from climate change and loss of biodiversity are causing coastal ecosystems to degrade, which increases climate and ocean risk. Assessing the vulnerability of natural and human-made infrastructures, coastal economies, and people, requires a holistic understanding of the land to sea connections. Effective planning for future climate impacts, whether slow onset events such as sea level rise or natural hazards including storms, floods or drought requires a multi-dimensional planning approach, with adequate data, information, and cost benefit analysis as well as, integrated management, monitoring and assessment once a project is underway. These issues and challenges will be discussed, along with innovative tools, policies, and case studies.

Session coordinator: Stimson Center

MODERATOR

Sally Yozell

Senior Fellow and
Director, Environmental
Security Program,
The Stimson Center



PANEL

Robin Kemper

Senior Risk
Engineering
Consultant,
Zurich Resilience
Solutions



Nicole LeBoeuf

Assistant
Administrator,
NOAA's National
Ocean Service



Jeremy Ragauin

AOSIS Fellow

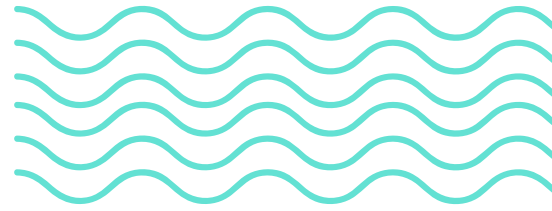


Arthur Tuda

Executive Director,
Western Indian Ocean
Marine Science
Association (WIOMSA)



12:40 - 14:00 LUNCH BREAK



14:00 - 15:00 SESSION 3

DESIGNING SUSTAINABLE ADAPTATION SOLUTIONS FOR CITIES AND TERRITORIES

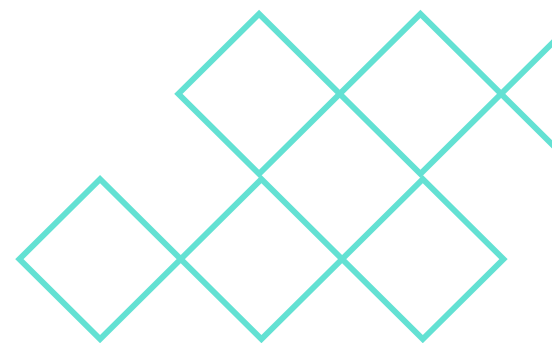
Adapting to the impacts of climate and ocean changes requires a mix of technical responses as well as nature-based solutions building upon the capacity of ecosystems to respond to perturbations and disturbances by resisting damages and recovering quickly. The various options or 'packages of solutions' will be presented by speakers.

Session coordinator: Ocean & Climate Platform

MODERATOR

Anna Zivian

Senior Research Fellow,
Ocean Conservancy



PANEL

Raphaël Billé

Programme
Director, Tour du
Valat



Kate Strachan

Senior Professional
Officer, Climate
Change & Coastal
Management, ICLEI
Africa



Samantha Box

Coastal Strategy
and Policy Team
Leader, Coastal
Partners



Pauli Merriman

Policy Manager
Oceans, WWF
International



15:00 - 16:00 SESSION 4

FRAMING IMPLEMENTATION: ENABLING CONDITIONS

To enable implementation of coastal resilience solutions by cities and local authorities, territories and coastal actors, appropriate conducive systems must be in place. These concerns legislative and regulatory frameworks that incentivize and frame the range of solutions – ICZM planning included; financial instruments and insurance products made available to coastal actors; capacity at the appropriate level to identify, design and implement coastal resilience solutions; and political support and leadership.

Session coordinator: Stimson Center

MODERATOR

Karen Sack

Director, Ocean Risk
and Resilience Action
Alliance (ORRA)



PANEL

Chip Cunliffe

Head of Biodiversity,
AXA XL



Ronald Jean Jumeau

SIDS DOCKS Roving
Ambassador for
Oceans



Eric Evelyn

Minister of
Environment,
St Kitts and Nevis



Leah Bunce Karrer

Senior
Environmental
Officer, Oceans and
Coasts, Global
Environment Facility
(GEF)



16:00 - 16:30 COFFEE BREAK

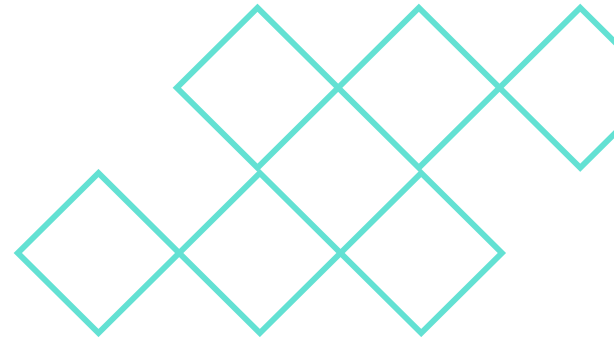
16:30 - 17:30 ROUNDTABLE WITH CITY MAYORS

Moderated panel discussion with mayors from key cities interested and committed to resilience solutions to coastal and marine issues and challenges.

MODERATOR

Andy Deacon

Acting Managing Director,
Global Covenant of Mayors
for Climate & Energy



CITY MAYORS

Ana Paula Matos

Vice Mayor
Salvador de Bahia,
Brazil



Maidier Arosteguy

Mayor of Biarritz,
France



Janelle Kellman

Mayor of Sausalito,
California USA,
CEO, Center for
Sea Level Rise



Marie Christine Mba Ntoutoume

Mayor of Libreville,
Gabon (TBC)



Inês de Medeiros

Mayor of Almada,
Portugal (TBC)



17:30 - 18:00 WRAP UP AND CLOSING WORDS

PARTNERS

PRINCE ALBERT II OF MONACO FOUNDATION (PA2F)



The PA2F created by His Serene Highness Prince Albert II of Monaco is active within all major global environmental fields and with a certain focus on specific geographical areas such as the Mediterranean Basin, the Polar Regions and the Least Developed Countries, in order to promote the preservation of biodiversity, the mitigation of climate change and the implementation of sustainable development; The objectives of the PA2F are to raise awareness amongst both populations and governments of the impact of human activities on the natural environment, to encourage more environmentally friendly behaviour and to promote outstanding initiatives and innovative solutions, notably by distributing awards and grants. The PA2F's aim is to initiate partnerships in order to identify and conduct joint projects in line with its fields of interest and geographical priorities. www.fpa2.org

OCEAN & CLIMATE PLATFORM (OCP)



The OCP gathers more than 90 members – research institutes, NGOs, aquariums, private sector, French institutions and international agencies, local authorities – working together in order to spread the following message : “a healthy ocean for a protected climate”. If the ocean is particularly vulnerable to climate change, it also is a source of mitigation and adaptation solutions. Through its role of interface between science and policy, the OCP fosters reflection and exchanges between the scientific community, civil society and policy-makers. Its ambition is to mobilize the largest number of actors for better consideration of the scientific message on the interactions between the ocean, climate and biodiversity by policy-makers and the general public. www.ocean-climate.org

STIMSON CENTER



The Stimson Center is a nonpartisan policy research center working to solve the world's greatest threats to security and prosperity. Think of a modern global challenge: refugee flows, arms trafficking, terrorism. These threats cannot be resolved by a single government, individual, or business. Stimson's award-winning research serves as a roadmap to address borderless threats through collective action. Our formula is simple: we gather the brightest people to think beyond soundbites, create solutions, and make those solutions reality. We follow the credo of one of history's leading statesman, Henry L. Stimson in taking, “pragmatic steps toward ideal objectives.” We are practical in our approach and independent in our analysis. Our innovative ideas change the world. www.stimson.org



**2021
2030** United Nations Decade
of Ocean Science
for Sustainable Development

THE UN DECADE OF OCEAN SCIENCE FOR SUSTAINABLE DEVELOPMENT

The conference has been officially endorsed as an event under the United Nations Decade of Ocean Science for Sustainable Development, 2021-2030 (the 'OceanDecade').