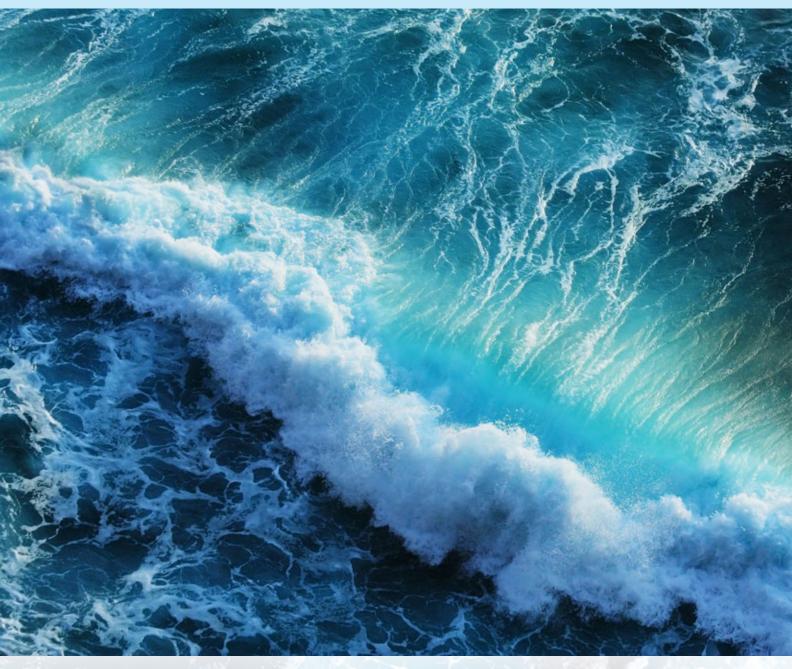
OCEANS DAY AT UNFCCC COP 21 PARIS

4 December 2015 • Climate Generations Area







Oceans Day at the UNFCCC COP 21 Paris

December 4, 2015, Rio Conventions Pavilion, Le Bourget



Purpose of Oceans Day at COP 21

The Oceans Day at COP 21 will advance the climate and ocean agenda at COP 21 and beyond.

The major objectives are to:

- -- Highlight the major climate and oceans issues, with emphasis on the impacts on the most vulnerable peoples and ecosystems, and suggest next steps, both within and outside the UNFCCC framework
- -- Foster political leadership and move forward on the major climate and oceans solutions with the engagement of high-level leaders around the world
- -- Catalyze and share solutions as part of the global portfolio of actions
- -- Mobilize collaboration in the development of a five-year strategic plan on oceans and climate to guide policy and action

The Oceans Day at COP 21 builds on previous UNFCCC Oceans Days--Oceans Day in Copenhagen (UNFCCC COP 15, 2009); Oceans Day in Cancun (UNFCCC COP 16, 2010), and Oceans Day in Durban (UNFCCC COP 17, 2011)--as well as on the Oceans Day at Rio+20, and on the outcome of the World Ocean Day (8 June 2015) organized by IOC/UNESCO and the Ocean and Climate Platform 2015 held at UNESCO in Paris, which concluded with the adoption of the Ocean Call for the Climate to mobilize the international community on the essential role of a healthy ocean for mitigating and adapting to present and future climate change.

Organizers

The Oceans Day at COP 21 is organized by 46 partner organizations, noted in Box 1.

Oceans Day at COP 21 Program

The Oceans Day at COP 21 Program may be found in Box 2.

Speakers at Oceans Day at COP 21

Names of speakers (including affiliations and photos) are shown in Box 3, in order of their appearance in the program.

Toward a Strategic Action Plan on Oceans and Climate

The Oceans Day discussions will contribute to the development of a Strategic Action Plan on Oceans and Climate to advance the oceans and climate issues within the context of the UNFCCC and beyond in the next five years. Emerging draft recommendations from the International Working Group on Oceans and Climate will be presented.



Box 1. Oceans Day at COP 21 Organizers and Co-Organizers

ORGANIZERS



Global Ocean Forum



Intergovernmental Oceanographic Commission/ UNESCO



United Nations Environment Programme



Ocean Policy Research Institute, Sasakawa Peace Foundation, Japan



University of Delaware, Gerard J. Mangone Center for Marine Policy



Ocean and Climate

CO-ORGANIZERS

Governments



Government of Grenada, Ministry of Foreign Affairs



Government of Indonesia, Ministry of Marine Affairs and Fisheries



Government of Portugal, Ministry of Foreign Affairs, Ministry of Agriculture and Sea, and Portuguese Trade and Investment Agency



Government of Seychelles, Ministry of Foreign Affairs



Government of South Africa, Ministry of Environmental Affairs and Ministry of Foreign Affairs



Government of Sweden, Ministry of Environment

Intergovernmental/International Organizations



Global Environment Facility



Convention on Biological Diversity Secretariat



Food and Agriculture Organization of the United Nations



GEF/UNDP/UNEP African Large Marine Ecosystem Projects



International Atomic Energy Agency



Pacific Islands Forum Secretariat



The Pacific Community (SPC)



Secretariat of the Pacific Regional Environment Programme



World Bank



World Meteorological Organization



Coastal & Marine Union (EUCC)



Forum do Mar, Brazil



Global Island Partnership



Institute for Sustainable Development and International Relations (IDDRI), France



Institut Océanographique, Fondation Albert I^{er}, Prince de Monaco

Box 1. Oceans Day at COP 21 Organizers and Co-Organizers, continued.

Non-Governmental Organizations/Foundations, continued (National/International)



International Union for Conservation of Nature (IUCN)



Partnership for Climate, Fisheries, and Aquaculture



Prince Albert II of Monaco Foundation



The Nature Conservancy



World Ocean Network



World Ocean Observatory



World Wide Fund for Nature



Nausicaá

Academic/Scientific Institutions



Center for Coastal Studies, Provincetown, Mass., USA



Centre National de la Recherche Scientifique, France



Duke University, Nicholas Institute for Environmental Policy Solutions



Global Change Institute, University of Queensland



Instituto Politécnico Nacional, Mexico



Monmouth University, Urban Coast Institute



Oceanário de Lisboa



Plymouth Marine Laboratory



Turkish Marine Research Foundation



Scripps Institution of Oceanography, University of California San Diego



Tara Expeditions

For more information on Oceans Day at COP 21 Paris, please contact Dr. Biliana Cicin-Sain (bilianacicin-sain@globaloceans.org) or Dr. Miriam Balgos (miriambalgos@globaloceans.org).

For information on past Oceans Days, please see:

Oceans Day in Copenhagen:

http://globaloceanforumdotcom.files.wordpress.com/2013/06/summary.pdf

Oceans Day in Cancun:

http://globaloceanforumdotcom.files.wordpress.com/2013/06/cancun_summary.pdf

Oceans Day in Durban:

http://globaloceanforumdotcom.files.wordpress.com/2013/06/gofdurbansummary-2.pdf

Box 2. Oceans Day at COP 21 Program

10:30-11:00 AM

Arrival and Registration (All participants must be registered)

11:00 AM-12:05 PM

Panel 1. Setting the Stage: The Climate and Oceans Context—Challenges and Opportunities

High-level leaders present the imperative of recognizing, and acting on, the central role of oceans in planetary survival and in human economic and social well-being, in the global context of Sustainable Development Goal 14 on Oceans and Seas, the 2014 SIDS Accelerated Modalities of Action (SAMOA) Pathway, and other developments in the global agenda. Leaders speak about the problems as well as the opportunities that lie ahead such as Blue Economy approaches emphasizing renewable energy.

Co-chairs:

H.E. Mr. Ronald Jumeau, Ambassador for Climate Change and Small Island Developing State Issues, Seychelles

Dr. Vladimir Ryabinin, Executive Secretary, Intergovernmental Oceanographic Commission, UNESCO

H.E. Mr. Manuel Pulgar-Vidal,

Minister of Environment, Peru, President, UNFCCC COP 20

From COP 20 to COP 21 and Beyond: Challenges and Solutions

H.E. Mr. Laurent Fabius, Minister of Foreign Affairs and International Development, France, President, UNFCCC COP 21

The Imperatives of UNFCCC COP 21 and Oceans in the Post COP 21 Process

H.E. Mr. Tommy E. Remengesau, Jr., President, Republic of Palau

Pacific Islands, Profoundly Affected by Climate Change, Take Charge of Ocean and Climate Issues

H.E. Mr. Karmenu Vella, Commissioner on Environment, Maritime Affairs and Fisheries, European Commission

European Perspectives on Ocean Governance in a Changing Climate – The Importance of the Blue Economy in a Healthy Ocean **Ms.** Catherine Novelli, Under Secretary for Economic Growth, Energy, and the Environment, Department of State, United States

US Perspectives on Oceans and Climate: Initiatives Arising from Our Ocean Conferences

Dr. Hans Hoogeveen, Vice-Minister for Agriculture, The Netherlands

Perspectives on Climate Change Mitigation and Adaptation and the Blue Economy

Dr. Ir. Achmad Poernomo, Senior Advisor on Public Policy for Minister of Marine Affairs and Fisheries of the Republic of Indonesia *Climate Change Issues, Challenges, and Initiatives:*

Climate Change Issues, Challenges, and Initiatives: Perspectives from the Archipelagic State of Indonesia

Dr. Biliana Cicin-Sain, President, Global Ocean Forum, Professor and Director, University of Delaware Gerard J. Mangone Center for Marine Policy

Toward a Strategic Action Plan on Oceans and Climate for the Next Five Years

12:05-1:00 PM

Panel 2. Addressing the Effects of Climate Change on Oceans and on Coastal and SIDS Populations: The Scientific Evidence, Scenarios, and Choices for Decisionmakers

The challenges oceans and coastal and SIDS populations are facing due to climate change, including choices for decisionmakers, are highlighted, featuring government leaders and noted natural and social scientists.

The environment/people issues, challenges, and opportunities, are illustrated, using some salient examples:

- -- Sea level rise
- -- Fisheries and food security
- -- Responses to ocean warming and acidification
- -- Blue Economy approaches

Co-Chairs:

H.E. Dr. Angus Friday, Ambassador to the United States, Grenada

H.E. Ms. Yuriko Koike, Member, House of Representatives, Japan

Setting the Stage: Addressing the Effects of Climate Change on Oceans and on Coastal and SIDS Populations: The Scientific Evidence, Scenarios, and Scientific Perspectives

Prof. Carol Turley, Plymouth Marine Laboratory, UK

Sir David King, Foreign Secretary's Special Representative for Climate Change, United Kingdom

Climate Change as a Security Issue

Dr. Michel Jarraud, Secretary General, World Meteorological Organization

Information and Services to Assist Governments and Civil Society in Achieving Climate Change Resilience

Dr. Helena Semedo, Deputy Director General, Food and Agriculture Organization of the United Nations

Climate, Fisheries and Food Security

Dr. Braulio Ferreira de Souza Dias, Executive Secretary, Convention on Biological Diversity Secretariat

Ecosystem-based Adaptation and the Role of Ecosystems in Disaster Risk Reduction

Prof. Hans Pörtner, Co-Chair, Working Group II (Impacts and Adaptation), Intergovernmental Panel on Climate Change (IPCC), and Professor, Marine Biology, Alfred Wegener Institute and University of Bremen

The Oceans: Present and Future Issues for the IPCC

Ambassador Angus Friday, Grenada

Investing in the Blue Economy: Options for Decisionmakers

1:00-1:45 PM LUNCH

Film Screening

The Nature of People: A documentary film (10 minutes) focused on people adapting in changing coastal communities. Meet Maricruz Mendoza, a leader of an ecotourism cooperative in Punta Allen, Mexico where the Mesoamerican reef is both a lifeline and defense to her community, and Grayson Chesser, a lifelong resident and community leader of The Eastern Shore, Virginia, who, along with his community, have "come to grips" with the changes in their environment and their home. These are stories of human resilience in a changing climate—where nature is a key element of people's success now, and in the future.

Introduction by Maria Damanaki, Managing Director, Global Oceans, The Nature Conservancy

Moderator: Kathy Baughman McLeod, Director, Climate Risk and Resilience, The Nature Conservancy

1:45-2:40 PM

Panel 3. Mitigation and the Oceans

Leaders address how to accelerate mitigation of CO2 emissions, and evaluate, accelerate, and finance promising mitigation efforts relevant to the oceans, coastal areas, and SIDS and other island jurisdictions. Two stage-setting presentations start off this panel: The first one provides an overview of the major issues related to Mitigation and Oceans, the second provides an overview of the financing challenges, options, and opportunities, since financing is essential to all topics related to climate and oceans—mitigation, adaptation, capacity development, scientific monitoring, and outreach to the public and decisionmakers

Co-Chairs:

Dr. Monde Mayekiso, Deputy Director-General of Environmental Affairs, South Africa

H.E. Mr. Heremoana Mamaatuaiahutapu, Minister of Environment and Culture, French Polynesia

Setting the Stage: Issues and Prospects for Mitigation Efforts Relevant to the Oceans, Coastal Areas, and SIDS and other Island Jurisdictions

Ms. Dorothée Herr, Manager, Oceans and Climate Change, IUCN

Setting the Stage: Financing for Mitigation, Adaptation, Capacity Development, Scientific Monitoring, and Public Education: Issues and Options

Dr. Brian Murray, Director, Environmental Economics Program, **Mr. John Virdin,** Director, Ocean & Coastal Policy Program, and **Mr. Tibor Vegh,** Policy Associate, Ocean & Coastal Policy Program, Nicholas Institute for Environmental Policy Solutions, Duke University

H.E. Mr. Greg Hunt MP, Minister for the Environment, Australia

Building Resilience for the Future: the Great Barrier Reef

Ms. Inger Andersen, Director General, International Union for Conservation of Nature *Blue Carbon and Nature-based Mitigation*

Dr. Edmund Hughes, Head, Air Pollution and Energy Efficiency, Subdivision for Protective Measures, Marine Environment Division, International Maritime Organization

Future Directions in Addressing Air Emissions from Ships and the Potential for Ocean-based

Sequestration and Marine Geoengineering

Mr. Rawleston Moore, Senior Climate Change Specialist, Global Environment Facility *Advancing Renewable Energy in SIDS*

2:40-3:40 PM

Panel 4. Adaptation and Financing for Adaptation

Leaders address how to ensure successful adaptation efforts, at what costs, and with what financing.

Co-Chairs:

Dame Meg Taylor, Secretary-General, Pacific Islands Forum Secretariat and Pacific Ocean Commissioner

Ms. Paula Caballero, Senior Director, Environment and Natural Resources Global Practice, World Bank

Setting the Stage: Issues and Prospects for Adaptation

Dr. Raphael Bille, Secretariat of the Pacific Community

Mr. Luke Daunivalu, Ministry of Foreign Affairs, Fiji, Member, SIDS, UNFCCC Adaptation Committee

Adaptation Opportunities within the UNFCCC

Ms. Maria Damanaki, Global Managing Director for Oceans, The Nature Conservancy *Ecosystem-Based Adaptation*

Dr. Hashali Hamukuaya, Executive Secretary, Benguela Current Commission

Climate Change Challenges to Fisheries and Responses in Africa

Mr. Francis Vallat, President, European Network of Maritime Clusters

Adaptation Initiatives by the Maritime Industry

H.E. Ms. Ngedikes Olai Uludong, Ambassador to the European Union, Ambassador on Climate Change, Palau

Addressing Loss and Damage

Mr. Angus Garrett, Head of Seafood Foresight, Seafish, UK

Adaptation to Climate Change in the Seafood Industry

3:40-4:00 PM

Special Address:

H.S.H. Prince Albert II of Monaco

Moving Forward on Oceans and Climate

Special Address:

H.E. Ms. Mary Robinson, President, Mary Robinson Foundation – Climate Justice

Issues and Responses in Climate-Induced Population Displacement

4:00-4:55 PM

Panel 5. Capacity Development, Scientific Monitoring, and Public Education

Leaders address financing of capacity development for mitigation and adaptation measures related to oceans and coastal and SIDS communities as essential elements of success, including the building of scientific monitoring capacity, management capacity, and public education.

Co-Chairs:

H.E. Dr. Lisa Svensson, Ambassador for Oceans, Seas and Fresh Water, Sweden

Mr. Philippe Vallette, Director General, Nausicaá National Sea Center, France, and Co-President, World Ocean Network

Setting the Stage: The Imperatives of Capacity Development, Scientific Monitoring, and Public Education

Mr. Hiroshi Terashima, President, Ocean Policy Research Institute, Sasakawa Peace Foundation, Japan

Mr. Samuel Kame-Domguia, Coordinator, 2050 Africa's Integrated Maritime Strategy (AIM-Strategy) Task Force, African Union Commission What is Needed to Achieve Capacity for Stable and Secured Exclusive Economic Zones (EEZs) for Lasting Stability and Development in Africa

Dr. Vladimir Ryabinin, Executive Secretary, Intergovernmental Oceanographic Commission, UNESCO

Enabling Capacity in Scientific Monitoring for Climate Resilience

Mr. José Soares dos Santos, Executive Director, Sociedade Francisco Manuel dos Santos, Portugal Private Sector Initiatives to Build Ocean Governance Capacity: The Vision for the Oceano Azul Foundation

Mr. David Bresch, Global Head, Sustainability, Swiss Re

Estimating and Communicating Risks in Coastal and Island Areas: Perspectives from the Insurance Industry

Mr. John Tanzer, Director Marine, World Wide Fund for Nature (WWF) International

Civil Society Initiatives in Enhancing Capacity on Oceans and Climate

Mr. Langston James "Kimo" Goree, Founder and Chief Executive, Earth Negotiations Bulletin, Vice-President, Reporting Services and United Nations Liaison, International Institute for Sustainable Development

Outreach to Global Decisionmakers: Some Lessons I have Learned Since the 1992 Earth Summit

4:55-5:50 PM

Panel 6. Bringing it All Together: A Five-Year Agenda for Action

Leaders present the way forward on the challenges and solutions, and on mobilizing the political will and the financing that will be needed to implement the solutions effectively.

Next steps for priority oceans and climate issues, including mitigation, adaptation, financing, capacity development, public education, and scientific monitoring, are outlined.

Co-Chairs:

Ms. Irina Bokova, Director-General, United Nations Educational, Scientific and Cultural Organization (UNESCO)

Dr. Ibrahim Thiaw, Deputy Executive Director, United Nations Environment Programme

Hon. Mr. Rimbink Pato MP, Minister for Foreign Affairs and Immigration, Papua New Guinea *The Political Will is Present: Tangible Actions Now Needed*

H.E. Mme. Ségolène Royal, Minister of Ecology, Sustainable Development and Energy, France *Climate and Oceans Initiatives for the Next Phase*

Ms. Naoko Ishii, Chief Executive Officer and Chairperson, Global Environment Facility
Oceans and Climate in the Next Phase: Building
Sustainability and Resilience through Strategic
Adaptation Financing

Hon. Dr. Keith Mitchell, Prime Minister, Grenada 2015 to 2020: The Essential Progress on Oceans and Climate We Must Jointly Realize

Remarks by:

H.E. Dr. Hakima El Haite, Minister Delegate in charge of Environment, Morocco (expected to host UNFCCC COP 22)

Mr. Romain Troublé, Secretary General, Tara Expeditions, and Ms. Catherine Chabaud, President, Innovation Bleues, Representatives of the Ocean and Climate Platform

Closing Remarks

Dr. Biliana Cicin-Sain, President, Global Ocean Forum

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5:50 to 6:20 PM

Press Conference

5:50 to 6:30 PM

Reception

<u>Featuring</u>: *Moana Rua: The Rising of the Seas,* written, directed, and performed by Pacific Islanders.

"Moana Rua" is a unique way of exploring the human dimensions of climate change and conveying the urgency of this for Pacific Islanders, through music, dance, poetry and video projections. When the sea rises on stage and islanders drown as islands are taken over by the ocean's forces, the audience becomes witness to tragedy and are compelled to feel with their hearts, as the immediacy of what climate science predicts becomes real for those most concerned.

Moderators:

Tuilagi Seiuli Allan Alo, Pacific Outreach Coordinator–Polynesia, and **Edvard Hviding,** University of Bergen, Norway, Executive Producer

Box 3. Oceans Day at COP21 Speakers (Listed in order of appearance)



H.E. Mr. Ronald Jumeau, Ambassador for Climate Change and Small Island Developing State Issues, Seychelles



Dr. Vladimir Ryabinin,Executive Secretary, Intergovernmental
Oceanographic Commission/UNESCO



H.E. Mr. Manuel Pulgar-Vidal, Minister of State for Environment, Peru, President, UNFCCC COP21



H.E. Mr. Laurent Fabius, Minister of Foreign Affairs and International Development, France, President, UNFCCC COP 21



H.E. Mr. Tommy E. Remengesau, Jr., President, Republic of Palau



H.E. Mr. Karmenu Vella,Commissioner on Environment,
Maritime Affairs and Fisheries,
European Commission



Ms. Catherine Novelli, Under Secretary for Economic Growth, Energy, and the Environment, Department of State, United States



Dr. Hans Hoogeveen,Vice-Minister for Agriculture,
The Netherlands



Dr. Ir. Achmad Poernomo, Senior Advisor on Public Policy for Minister of Marine Affairs and Fisheries of the Republic of Indonesia



Dr. Biliana Cicin-Sain, President, Global Ocean Forum, Professor and Director, University of Delaware Gerard J. Mangone Center for Marine Policy



H.E. Dr. Angus Friday, Ambassador to the United States, Grenada



H.E. Ms. Yuriko Koike, Member, House of Representatives, Japan



Prof. Carol Turley, Plymouth Marine Laboratory, UK



Sir David King,Foreign Secretary's Special
Representative for Climate Change,
United Kingdom



Mr. Michel Jarraud, Secretary General, World Meteorological Organization



Dr. Helena Semedo,Deputy Director General, Food and Agriculture Organization of the United Nations



Dr. Braulio Ferreira de Souza Dias, Executive Secretary, Convention on Biological Diversity Secretariat



Prof. Hans Pörtner, Co-Chair, Working Group II (Impacts and Adaptation), Intergovernmental Panel on Climate Change (IPCC)

Box 3. Oceans Day at COP21 Speakers (Listed in order of appearance)



Dr. Monde Mayekiso,Deputy Director-General of
Environmental Affairs, South Africa



H.E. Mr. Heremoana Mamaatuaiahutapu,Minister of Environment and Culture,
French Polynesia



Ms. Dorothée Herr, Manager, Oceans and Climate Change, IUCN



Dr. Brian Murray,Director, Environmental Economics
Program, Duke University



H.E. Mr. Greg Hunt MP, Minister for the Environment, Australia



Ms. Inger Andersen,
Director General, International
Union for Conservation of
Nature (IUCN)



Dr. Edmund Hughes,Head, Air Pollution and Energy
Efficiency, Subdivision for Protective
Measures, Marine Environment Division,
International Maritime Organization



Mr. Rawleston Moore, Senior Climate Change Specialist, Global Environment Facility



Dame Meg Taylor, Secretary-General, Pacific Islands Forum Secretariat, and Pacific Ocean Commissioner



Ms. Paula Caballero, Senior Director, Environment and Natural Resources Global Practice, World Bank



Dr. Raphael Bille,Secretariat of the Pacific Community



Mr. Luke Daunivalu,Ministry of Foreign Affairs, Fiji,
Member, SIDS, UNFCCC
Adaptation Committee



Ms. Maria Damanaki, Global Managing Director, Oceans, The Nature Conservancy



Dr. Hashali Hamukuaya, Executive Secretary, Benguela Current Commission, GEF/UNDP/UNEP African Large Marine Ecosystem Projects



Mr. Francis Vallat,President, European Network of Maritime Clusters



H.E. Ms. Ngedikes Olai Uludong, Ambassador to the European Union and Ambassador on Climate Change, Republic of Palau



Mr. Angus Garrett, Head of Seafood Foresight, Seafish, UK



H.S.H. Prince Albert II, Sovereign Prince of Monaco

Box 3. Oceans Day at COP21 Speakers (Listed in order of appearance)



H.E. Ms. Mary Robinson,President, Mary Robinson
Foundation – Climate Justice



H.E. Dr. Lisa Svensson, Ambassador for Oceans, Seas and Fresh Water, Sweden



Mr. Philippe Vallette,Director General, Nausicaá National
Sea Center, France, and Co-President,
World Ocean Network



Mr. Hiroshi Terashima,President, Ocean Policy Research
Institute, Sasakawa Peace Foundation,
Japan



Mr. Samuel Kame-Domguia, Coordinator, 2050 Africa's Integrated Maritime Strategy (AIM-Strategy) Task Force, African Union Commission



Mr. José Soares dos Santos, Executive Director, Sociedade Francisco Manuel dos Santos, Portugal



Mr. David Bresch, Global Head, Sustainability, Swiss Re



Mr. John Tanzer,Director Marine, WWF International



Mr. Langston James "Kimo" Goree, Founder and Chief Executive, Earth Negotiations Bulletin, Vice-President, Reporting Services and United Nations Liaison, International Institute for Sustainable Development



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Hon. Mr. Rimbink Pato MP, Minister for Foreign Affairs and Immigration, Papua New Guinea



H.E. Mme Ségolène Royal, Minister of Ecology, Sustainable Development and Energy, France



Ms. Naoko Ishii, Chief Executive Officer and Chairperson, Global Environment Facility



Dr. the Rt. Hon. Keith Mitchell, Prime Minister of Grenada



H.E. Dr. Hakima El Haite, Minister Delegate in charge of Environment, Morocco



Mr. Romain Troublé, Secretary General, Tara Expeditions



Ms. Catherine Chabaud, President, Innovation Bleues



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