



Program

EU – U.S. Conference Series
Sustainable Oceans: Reconciling Economic Use and Protection

Conference No. 2
**Developing a New International Architecture for
Maritime Policy**
July 11 to 13, 2012

Under the High Patronage
of
H.S.H. Prince Albert II of Monaco

Conference Venue:

Faculty House at Columbia University
Presidential Level, 3rd Floor
64 Morningside Drive
New York, NY 1002

Conference Bureau:

Responsible:

Barbara Langholf, Dräger Foundation

Theresa Milow, Dräger Foundation

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Introduction

The way our world will look like in the future is something that will not be determined in the future but today – and to some extent by the way we face up to the key social, economic, and environmental challenges of our time. Remaining true to the philosophy of its founder Heinrich Dräger, the Dräger Foundation, established in 1974, wishes to bring people together to jointly develop ideas for the future within the framework of international dialogue. Previous conferences hosted by the Dräger Foundation that dealt with questions of energy security and climate change brought the oceans and their significance for the world's climate, biodiversity, and human life into the Foundation's focus. The oceans cover some 70% of the Earth's surface, provide 97% of its water supply and boast more than 50% of its biodiversity. Thanks to their vast resources and raw materials, they are one of the cornerstones of the quality of human life. According to World Bank figures, 350 million jobs are estimated to be linked to the oceans globally, and 1 billion people in developing countries depend on fish for their primary source of protein. However, our oceans are increasingly endangered by unfettered exploitation and ecological damage from overfishing, noise, pollution, and acidification. Only 2% of the oceans are protected areas. 90% of big predators are gone. 38% of coral reefs have been destroyed since 1980 according to latest figures published by UNEP.

There is an urgent need not only for coastal states to take on their responsibilities and to reach an international consensus with a view to maintaining a balance between economic growth, environmental protection and safeguarding of social interests. The conference aims at identifying solutions to best manage these challenges. It seeks to increase awareness and to facilitate a dialogue between the global business community, politicians worldwide, and society as a whole.

Following on from the Dräger Foundation's XVII Malente Symposium in 2008 entitled "More than Water – Oceans and Global Responsibility", the Foundation decided to launch further conferences devoted to the subject of our vulnerable oceans. This is the second in a series of three EU-U.S. conferences dealing with "Sustainable Oceans: Reconciling Economic Use and Protection". The conference series took off in 2011 with the 1st conference in Hamburg, Germany, exploring "The Use of the Ocean's Energy Resources, Risk Management and the Need for Regulation".

The 2nd conference will pursue and intensify the debate from the 1st conference on the value of the oceans' ecosystems and biodiversity, and will focus on economic gains and damage from fishing and shipping. Moreover, this conference aims at reaffirming the need for the international community to take collective action and appropriate steps in order to prevent further damage from fishing and shipping. The 3rd conference, to be held in Lisbon in 2013, aims at developing, fostering and strengthening international cooperation towards good governance and sound maritime policies for sustainable marine development. How can we regulate the use of the oceans' resources and strike a balance between governance and regulatory overkill?

The conferences bring together experts and stakeholders from Europe as well as the American continent to discuss these challenges in a comprehensive way and to identify practical solutions to facilitate future sustainable development. One of the key objectives of this conference series is to help establish the European Ocean Commission of the European Commission and to link it with the U.S. Ocean Commission. We want to help initiate a joint EU-U.S. white paper on the state of the oceans and coasts for politics as well as business and finally encourage an "Ocean Blueprint" for good governance for the 21st century which is meant to propose a remedial action plan towards sustainable oceans to our governments.

We are proud and honored that **H.S.H. Prince Albert II of Monaco** has kindly agreed to assume High Patronage over this conference series.

For their active support in the preparation of this conference, the Dräger Foundation wishes to thank its cooperation partners,

The Earth Institute, Columbia University, New York, NY, USA,
the **Cluster of Excellence “The Future Ocean”**, Kiel, Germany, and
the **GEOMAR | Helmholtz Centre for Ocean Research Kiel**, Germany,

as well as its supporting partners:

The European Commission, Directorate-General for Maritime Affairs and Fisheries,
Brussels, Belgium;
ALDEBARAN Marine Research & Broadcast, Hamburg, Germany;
Alfred Wegener Institute for Polar and Ocean Research, Bremerhaven, Germany;
German Marine Research Consortium (KDM), Berlin, Germany; and the
World Ocean Council, Honolulu, Hawaii, USA.

The Foundation is particularly grateful to the members of the Steering Committee, without whose invaluable efforts, ideas, and inputs this conference would not have been possible:

Uta Bellion, Director, EU Marine Programme, Pew Environment Group, Brussels, Belgium
Dr. Tiago Pitta e Cunha, Counselor for the Environment, Science and Maritime Affairs to the
President of Portugal, Lisbon; Portugal
Dr. Jan-Stefan Fritz, German Marine Research Consortium (KDM), Brussels, Belgium
Paul Holthus, Executive Director, World Ocean Council, Honolulu, Hawaii, USA
R. Andreas Kraemer, Director, Ecologic Institute, Berlin, Germany
Professor Karin Lochte, Director, Alfred Wegener Institute for Polar and Marine Research
in the Helmholtz Association, Bremerhaven, Germany
Professor Michael Orbach, Professor of Marine Affairs and Policy, Duke University Marine
Laboratory, Beaufort, NC, USA
Professor Hans J. Peters, former Lead Arranger and Chief Advisor, Maritime Affairs, The
World Bank Group, Washington, D.C., USA; President, Baltic Maritime Advisers, Hamburg,
Germany
John Richardson, Special Adviser on Maritime Affairs, FIPRA International, Brussels,
Belgium
Professor Peter Schlosser, Associate Director and Director of Research, The Earth
Institute, Columbia University, New York, NY, USA
Frank Schweikert, CEO, ALDEBARAN Marine Research & Broadcast, and German Sea
Foundation, Hamburg, Germany, who is also exhibiting films, video panoramas and full dome
underwater impressions from his excursions;
Professor Martin Visbeck, Chair in Physical Oceanography, GEOMAR | Helmholtz Centre
for Ocean Research Kiel and Member of the Cluster of Excellence “The Future Ocean”, Kiel,
Germany

Responsible for the preparation and organization of the conference:

Petra Pissulla
Director, Dräger Foundation, Lübeck, Germany

Wednesday, July 11, 2012

6:30 pm

Reception and Opening Dinner

7:00 pm

Welcome

Professor Peter Schlosser

Associate Director and Director of Research, The Earth Institute,
Columbia University, New York, NY, USA

Opening Keynotes:

Professor Jeffrey D. Sachs

Director, The Earth Institute, Columbia University, New York, NY, USA
(live video transmission)

**Sustainable Oceans in the Context of the Sustainable
Development Goals**

Dr. Barry D. Gold

Program Director, Marine Conservation Initiative at the Gordon and
Betty Moore Foundation, Palo Alto, CA, USA

Charting a Course to Healthy Oceans and Communities

Thursday, July 12, 2012

8:30 – 8:40 am

Welcome

Professor Peter Schlosser

Associate Director and Director of Research, The Earth Institute,
Columbia University, New York, NY, USA

Professor Dieter Feddersen

Member of the Board, Dräger Foundation, Lübeck, Germany

8:40 – 9:00 am

Opening

Dr. Yannick Beaudoin

Head of Marine Programme, UNEP/GRID-Arendal, Arendal, Norway

**The Economics of Ecosystems and Biodiversity (TEEB) for
the Oceans: Building upon the untapped opportunities of a
Green Economy in a Blue World**

9:00 – 10:30 am

Session 1

Moderator:

Brent Goff

Main News Anchor, Deutsche Welle TV (DW), Berlin, Germany

Valuing the oceans (I):

What kind of “service” is provided by the oceans with respect to ecosystems, biodiversity, natural resources, climate, transportation, fishery and recreation?

Speakers:

Professor Tony Haymet

Director, Scripps Institution of Oceanography, Vice Chancellor for Marine Sciences, University of California, San Diego, CA, USA

Dr. Larry McKinney

Executive Director, Harte Research Institute for Gulf of Mexico Studies, Texas A&M University, Corpus Christi, TX, USA

Professor Jean-Paul Rodrigue

Department of Global Studies and Geography, Hofstra University, New York, NY, USA

Professor Paul Snelgrove

Professor and Canada Research Chair in Boreal and Cold Oceans Systems, Memorial University of Newfoundland, St. John's, NL, Canada

10:30 – 10:40 am

Achim Steiner

Executive Director, UNEP, Under-Secretary-General of the United Nations, Nairobi, Kenya

(video message)

10:40 – 11:00 am

Coffee Break

11:00 am – 12:30 pm

Continuation Session 1

Valuing the oceans (II):

The destruction of marine habitat: What would it cost mankind?

- Estimating the costs for industrialized countries and developing countries resulting from climate change and acidification of the oceans
- What repercussions do rising sea levels and ocean acidification have on food security, human health, and coastal populations?
- What effects does the pollution caused by shipping, drilling, and mining have on coastal waters and deep seas?
- Overfishing, damage to biodiversity

Speakers:

Professor Hartmut Grassl

Former Director, Max Planck Institute for Meteorology, Hamburg, Germany

Professor Peter M. Herzig

Executive Director, GEOMAR | Helmholtz Centre for Ocean Research Kiel, Germany

Professor Michael Orbach

Professor of Marine Affairs and Policy, Duke University Marine Laboratory, Beaufort, NC, USA

Professor Paul Snelgrove

Professor and Canada Research Chair in Boreal and Cold Oceans Systems, Memorial University of Newfoundland, St. John's, NL, Canada

12:30 – 1:30 pm

Luncheon

1:30 – 3:00 pm

Session 2

Moderator:

R. Andreas Kraemer

Director, Ecologic Institute, Berlin, Germany

Defining “blue” growth and ocean sustainability

- Where do we stand and what do we need: An overarching holistic approach
- What kind of scientific and stakeholder information do we need for a useful, suitable and realistic assessment: Does an IPCC for the oceans make sense?

Speakers:

Dr. Tiago Pitta e Cunha

Counselor for the Environment, Science and Maritime Affairs to the President of Portugal, Lisbon, Portugal

Christopher Mann

Senior Officer, Campaign for Healthy Oceans, Pew Environment Group, Washington, D.C., USA

Dietrich Seele

Expert on Integrated Maritime Policy, Federal Ministry of Transport, Building and Urban Development, Berlin, Germany

Haitze Siemers

Head of Unit, Maritime Policy for the North Sea, Baltic Sea and landlocked countries, DG MARE, European Commission, Brussels, Belgium

3:00 – 3:30 pm

Coffee Break

3:30 – 5:00 pm

Session 3

Moderator:

R. Andreas Kraemer

Director, Ecologic Institute, Berlin, Germany

Securing “blue” growth: How and for whom?

- How to strike a sound balance between political, economic and environmental interests?
- How to deal with growing competition over marine resources?
- How to secure a fair distribution of ocean resources?
- How to avoid the destruction of ocean habitats caused by trawling, drilling, etc?
- How to effectively protect sensitive marine areas?

- Bringing together competent authorities (European Biosafety Association EBSA)
- Ensuring an appropriate evidence base for marine spatial planning

Speakers:**Professor David Johnson**

Executive Secretary, OSPAR Commission, London, UK

Professor Manuel Pinto de Abreu

Secretary of State for the Sea, Ministry of Agriculture, Sea, the Environment and Spatial Planning, Lisbon, Portugal

Professor Martin Visbeck

Chair in Physical Oceanography, GEOMAR | Helmholtz Centre for Ocean Research Kiel, Germany

Sally Yozell

Policy Director; Senior Advisor to the Under Secretary of Commerce for Ocean and Atmosphere, National Oceanic and Atmospheric Administration (NOAA), Washington, D.C., USA

Reception and Dinner**6:30 pm****Reception****7:30 pm****Dinner****Rio +20: Fresh impetus for the protection of the oceans?****Discussion with:****Professor Dr. Biliiana Cicin-Sain**

President, Global Ocean Forum; Director, Gerard J. Mangone Center for Marine Policy, School of Marine Science and Policy, College of Earth, Ocean and Environment, University of Delaware, Newark, DE, USA

Brice Lalonde

Assistant Secretary-General (United Nations); Executive Coordinator of UNCSD – Rio +20, New York, NY, USA

Moderator:**Laura Cantral**

Partner, Meridian Institute; Director, Joint Ocean Commission Initiative, Washington, D.C., USA

Friday, July 13, 2012**9:00 – 10:30 am****Session 4****Moderator:****John Richardson**

Special Adviser on Maritime Affairs, FIPRA International, Brussels, Belgium

International shipping initiatives towards ocean sustainability and safety

- Economic aspects
- Political aspects
- Environmental protection (also: ballast water, invading species)
- Dealing with the Arctic passages in times of global warming

Speakers:

Jochen Deerberg

Owner and CEO, Deerberg-Systems GmbH, Oldenburg, Germany

Peter Hinchliffe OBE

Secretary General, International Chamber of Shipping (ICS), International Shipping Federation (ISF), London, UK

Dr. Elliott A. Norse

President, Marine Conservation Institute, Bellevue, WA, USA

Jamie Sweeting

Vice President Environmental Stewardship and Global Chief Environmental Officer, Royal Caribbean Cruises Ltd., Miami, FL, USA

Captain Andrew Winbow

Assistant Secretary-General and Director of Maritime Safety, International Maritime Organization (IMO), London, UK

10:30 – 11:00 am

Coffee Break

11:00 am – 12:30 pm

Session 5

Moderator:

Lisa Speer

Director, International Oceans Program, Natural Resources Defense Council (NRDC), New York, NY, USA

Protecting ocean life: Fishing in national and international waters

- How to regulate and control fishing quotas?
- How to deal with illegal, unreported and unregulated fishing (IUU)?
- Toxic fish due to plastic and hazardous waste: How to stop it?
- Damage from ghost fishing, acidification, climate change
- Examples of best practice

Speakers:

Dr. Anne Christine Brusendorff

General Secretary, International Council for the Exploration of the Sea (ICES), Copenhagen, Denmark

Dr. Rainer Froese

Senior Scientist, GEOMAR | Helmholtz Centre for Ocean Research Kiel, Germany

Rupert Howes

Chief Executive Officer, Marine Stewardship Council (MSC), London, UK

12:30 – 1:30 pm

Lunch

1:30 – 3:00 pm

Concluding Session:

Moderator:

Professor Peter Schlosser

Director of Research, The Earth Institute, Columbia University,
New York, NY, USA

Paving the way for the 3rd Conference

- What do we want to have achieved by the end of the conference series?
- Building networks for maritime surveillance: How to evaluate existing initiatives, how to trigger joint action?
- Bringing together actors from regional, national, international and sea basin levels
- Engaging politics, business, science, and NGOs in a joint “Blueprint for Good Governance towards Sustainable Use of the Seas”

Speakers:

Professor Mojib Latif

Head of Division, Ocean Circulation and Climate Dynamics; Head of Unit, Marine Meteorology, GEOMAR | Helmholtz Centre for Ocean Research Kiel, Germany

Professor Hans J. Peters

Adjunct Faculty Member, School of Public Policy, George Mason University; Former Lead Arranger and Chief Advisor, Maritime Affairs, The World Bank Group, Washington, D.C., USA; President, Baltic Maritime Advisers, Hamburg, Germany

Admiral Anne-François de Saint Salvy

Former Maritime Prefect for the Atlantic, Brest, France

Dietrich Seele

Expert on Integrated Maritime Policy, Federal Ministry of Transport, Building and Urban Development, Berlin, Germany

Encouraging best practice: Reward mechanisms for ocean sustainability

Speakers:

Professor Martin Visbeck

Chair in Physical Oceanography, GEOMAR | Helmholtz Centre for Ocean Research Kiel, Germany

Paul Holthus

Executive Director, World Ocean Council, Honolulu, HI, USA

Press Conference

Moderator:

Frank Schweikert

Journalist and CEO, ALDEBARAN Marine Research & Broadcast
Hamburg, Germany