

**Dräger-Stiftung
Dräger Foundation**



**THE EARTH INSTITUTE
COLUMBIA UNIVERSITY**

Program

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

**Conference No. 1
The Use of the Oceans' Energy Resources, Risk Management, and
the Need for Regulation
Hamburg, June 29 - July 1, 2011**

**Under the High Patronage
of
S.A.S. Le Prince Albert II de Monaco**

Supported by

European Commission, Directorate-General for Maritime Affairs and Fisheries, Brussels
ALDEBARAN Marine Research & Broadcast, Hamburg
Alfred Wegener Institute for Polar and Ocean Research, Bremerhaven
German Marine Research Consortium (KDM), Berlin
World Ocean Council, Honolulu, HI

Wednesday, June 29, 2011

7:00 pm **Reception and Dinner at the invitation of Deerberg-Systems, Oldenburg, Germany**

Dinner Speech

Dr. Wendy Watson-Wright

Assistant Director General and Executive Secretary, Intergovernmental Oceanographic Commission UNESCO, Paris, France

Global Governance of the Changing Oceans: Risk Tolerance and the Science Policy Gap

Thursday, June 30, 2011

9:00 am Welcome by the Organizers:

Professor Dieter Feddersen

Member of the Board, Dräger Foundation, Lübeck, Germany

Professor Peter Schlosser

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

and

Words of Greeting

Dr. Dorothee Stapelfeldt

Second Mayor and Senator for Science and Research of the Free and Hanseatic City of Hamburg, Germany

Achim Steiner (video message)

Executive Director, United Nations Environment Programme (UNEP), Nairobi, Kenya

9:30 am **Session 1**

PRICING THE OCEANS

Topics to be discussed:

- The value of ocean ecosystems (barrier reefs, living resources, biodiversity)
- The value of known and supposed mineral resources in the oceans
- Economic gains and losses from exploitation
- Ecological and social costs of ecosystem damages (due to mining activities, oil spills, pollution)

Keynote:

Dr. Pushpam Kumar

Chief, Ecosystem Services Economics Unit, Division of Environmental Policy Implementation (DEPI), United Nations Environment Programme (UNEP), Nairobi, Kenya

Moderator:

Frank Schweikert

CEO, ALDEBARAN Marine Research & Broadcast, Hamburg, Germany

Commentators:

Professor Tony Haymet

Director, Scripps Institution of Oceanography, UC San Diego; Vice Chancellor for Marine Science and Dean, UC San Diego Graduate School of Marine Science, San Diego, CA, USA

Dr. Régis Kalaydjian

Project Manager, Marine Economics Unit, IFREMER – French Research Institute for the Exploitation of the Sea, Issy-les-Moulineaux Cedex, France

Professor Martin Visbeck

Deputy Director, IFM-GEOMAR; Head of Research Unit “Physical Oceanography”, Leibniz Institute for Marine Sciences, Kiel, Germany

11:00 am Coffee Break

11:30 am **Session 2**

MANAGING OFFSHORE ENERGY RESOURCES – RISKS AND OPPORTUNITIES

Topics to be discussed:

- What is sustainable use in terms of marine resources?
- Oil & gas exploration and production
- Alternative energies from the ocean
- Risk analysis and risk management; risks and opportunities of extreme technologies
- Maritime safety
- Crisis prevention mechanisms and crisis handling instruments in the US and in Europe
- International cooperation
- What can we learn from each other?

Moderator:

Brent Goff

Senior News Anchor, Deutsche Welle (DW), Berlin, Germany

Panelists:

Dr. Udo Barckhausen

Private Lecturer, BGR (Federal Institute for Geosciences and Natural Resources), Hanover, Germany

Dr. Quenton R. Dokken

President and CEO, Gulf of Mexico Foundation, Corpus Christi, TX, USA

Jan Pánek

Head of Unit "Coal & Oil", Directorate-General for Energy, European Commission, Brussels, Belgium

Dr. Michael Zettlitzer

General Manager, Quality, Health, Safety, and Environment, RWE Dea AG, Hamburg, Germany

1:00 pm Lunch

2:00 pm

Session 3**MARINE GOVERNANCE OF ENERGY RESOURCES – LEGAL REGULATION & INSTITUTIONS****Topics to be discussed:**

- Stewardship for oceans; who should be responsible for the oceans?
- Impact assessment and licensing of exploration and extraction
- Legal regulation, surveillance, criminalization of damages, penalization; are the present mechanisms and bodies sufficient?

Moderator:

The Honorable Dr. hon. mult. Hans Corell

Ret. Ambassador; Former Under-Secretary-General for Legal Affairs and the Legal Counsel of the United Nations, Stockholm, Sweden

Panelists:

The Honorable Professor Vladimir Golitsyn

Judge, International Tribunal for the Law of the Sea, Hamburg, Germany

Vladimír Jareš

Senior Legal Officer, Division of Ocean Affairs & the Law of the Sea (DOALOS), Office of Legal Affairs, United Nations; Deputy Secretary, Commission of the Limits of the Continental Shelf, New York, NY, USA

Professor Doris König

Public Law, European Union Law and International Law, Bucerius Law School; Chair, International Foundation for the Law of the Sea (IFLOS), Hamburg, Germany

3:30 pm

Coffee Break

4:00 pm

Session 4**FINANCING THE PROTECTION OF THE OCEANS****Topics to be discussed:**

- The effects of human activities on marine resources and collateral damage
- What does it cost?
- Who pays the costs? Who bears the risks?
- Who benefits from exploiting the oceans' energy resources?
- How should benefits be allocated?
- Financing instruments

Moderator:

Sandra Cavalieri

Coordinator, Arctic and Transatlantic Programmes, Ecologic Institute, Berlin, Germany

Panelists:

Dr. Susan K. Avery

President and Director, Woods Hole Oceanographic Institution, Woods Hole, MA, USA

Dr. Iris Menn

Oceans and Biodiversity Campaigner, Greenpeace e.V., Hamburg, Germany

Professor Hans J. Peters

Adjunct Faculty Member, School of Public Policy, George Mason University; former Lead Arranger and Chief Advisor, The World Bank Group, Washington, D.C., USA

7:00 pm **Reception and Dinner**

Welcome

Paul Nemitz

Head of Unit, Maritime Policy in the Atlantic, Arctic and Outermost Regions, European Commission, DG MARE, Brussels, Belgium

Dinner Speech

Professor Nuno Lourenço

R&D Coordinator, The Task Group for Maritime Affairs (EMAM),
Paço de Arcos, Portugal

The Portuguese Maritime Strategy: A New Era of Discoveries

Frank Schweikert

Director, ALDEBARAN Marine Research & Broadcast, Hamburg, Germany

Introduction of the German Oceans Foundation

Guests:

‘Jugend musiziert’ (Youth plays music) – The Auerbach Quartett

Friday, July 1, 2011

9:00 am **Session 5**

ARCTIC CHALLENGES: INTERNATIONAL COOPERATION IN THE USE OF ARCTIC RESOURCES

Topics to be discussed:

- The future of the Arctic Council
- Exploitation and perspectives for oil, gas and shipping in times of rapid climate change
- Mining the Arctic: costs and benefits for the indigenous peoples
- The protection of the Arctic marine environment
- Why Europe needs the Arctic – the development of an EU Arctic policy
- The business perspective

Moderator:

John B. Richardson

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

Panelists:

Dr. Terry Fenge

Consultant on Arctic, Environmental and Aboriginal Affairs; Principal, Terry Fenge Consulting Incorporated, Ottawa, Canada

Professor Karin Lochte

Chair, German Marine Research Consortium (KDM); Director, Alfred Wegener Institute for Polar and Marine Research in the Helmholtz Association, Bremerhaven, Germany

Professor Peter Schlosser

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

Kirsten Ullbæk Selvig

Director General, Ministry of Fisheries and Coastal Affairs, Oslo, Norway

The Honorable Dr. Anton Vasiliev

Ambassador at Large, Ministry of Foreign Affairs of the Russian Federation, Moscow, Russia

Steffen Weber

Co-Founder and Secretary General, EU-ARCTIC-Forum; Chief Adviser, Arctic Report, European Parliament, Brussels, Belgium

11:00 am Coffee Break

11:30 am **Session 6**

TRANSATLANTIC COOPERATION IN OCEAN GOVERNANCE**Topics to be discussed:**

- Who are the important players?
- Bringing the stakeholders on board
- Which role does Europe want to play?
- The U.S. Joint Ocean Commission Initiative – A model for a future European Ocean Commission?
- Potentials for transatlantic cooperation

Moderator:

R. Andreas Kraemer

Director, Ecologic Institute, Berlin, Germany

Panelists:

Laura Cantral

Senior Mediator and Program Director, Joint Ocean Commission Initiative, Meridian Institute, Washington, D.C., USA

Professor Biliana Cicin-Sain

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

Paul Holthus

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

Dr. Tiago Pitta e Cunha

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

1:00 pm Closing Remarks

Moderator:

Professor Dieter Feddersen

Member of the Board, Dräger Foundation, Lübeck, Germany

Speakers:

Dr. Robert B. Gagosian

President and CEO, Consortium for Ocean Leadership, Washington, D.C., USA

The New U.S. Ocean Policy and the Global Ocean Observing System – A Model for Transatlantic Cooperation

Paul F. Nemitz

Head of Unit, Maritime Policy in the Atlantic, Arctic and Outermost Regions,
DG MARE, European Commission, Brussels, Belgium

Europe as the Driving Force behind Sustainable and Smart Use of Ocean Resources

1:45 pm Lunch and End of the Conference
