

## Sharing solutions from nature

- Speakers:**
- Miguel Clüsener-Godt**  
Director, Division of Ecological and Earth Sciences, Secretary of the MAB Programme
  - Humberto Delgado Rosa**  
Director of Natural Capital at the Environmental Directorate of the European Commission
  - Mechtild Rössler**  
Director of the World Heritage Center (WHC)
  - Vladimir Ryabinin**  
Executive Secretary of the Intergovernmental Oceanographic Commission (IOC) of UNESCO, Assistant Director-General of UNESCO
- Moderator:**
- Peter Dogné**  
Programme Specialist, MAB  
Co-chair, UNESCO Task Team on Climate Change

### Speakers

#### Miguel Clüsener-Godt



Dr Clüsener-Godt is German and has a Ph.D. in Biology/Ecology from the University of Osnabrück in Germany. Moreover, he has a Ph.D. Honoris causa of the University of Para, Belem, Brazil. He is the Director of the Division of Ecological and Earth Sciences in UNESCO Headquarters in Paris, and the Secretary of the Programme on Man and the Biosphere (MAB), which manages the World Network of Biosphere Reserves. Currently, there are 701 Biosphere Reserves in 124 countries, 21 of them are transboundary. He is also supervising the UNESCO Global Geoparks Programme (150 Geoparks in 41 countries) and the Unit for Disaster Risk Reduction.

He is also responsible for the World Network of Island and Coastal Biosphere Reserves, Coastal Zones and Small Islands, the REDBIOS Network in the East-Atlantic, the Amazonian Biosphere Reserve Network and the Asia Pacific Co-operation for the Sustainable Use of Renewable Natural Resources in Biosphere Reserves and Similarly Managed Areas.

He is the Division's focal point for the UNESCO Category II "International Centre on Mediterranean Biosphere Reserves, Two Coastlines United by their Culture and Nature" , located within the premises of the Abertis Foundation in Castellet I la Gornal, Spain, which was established in November 2013 and officially inaugurated in April 2014.

Within UNESCO/MAB, he published the World Atlas of Mangroves, in cooperation with FAO, ISME, ITTO, UNESP/WCMC, UNU/INWEH and TNC in 2010. Finally, he is a co-author of the Policy Brief on "Securing the Future of Mangroves", 2012.

In March 2016, he organised in Lima in cooperation with the Government of Peru the 4th World Congress of Biosphere Reserves, of which emanated the Lima Declaration of the MAB Programme and the Lima Action Plan for the MAB Programme and the World Network of Biosphere Reserves 2016-2025.

In December 2017, he received the Officer's Cross of the Order of Civil Merit of the Kingdom of Spain.

## **Humberto Delgado Rosa**



Humberto Delgado Rosa is the Director for Natural Capital, DG Environment, European Commission. Previously he was Director for Mainstreaming Adaptation and Low Carbon Technology in DG Climate Action. He is experienced in European and international environmental policy, particularly in biodiversity and climate change issues. He served as Secretary of State for the Environment of the Portuguese Government from March 2005 to June 2011. Between 1995 and 2002 he was an advisor for environmental matters to the Prime-Minister of Portugal. He holds a PhD in Evolutionary Biology. H. Delgado Rosa was born in Lisbon in 1960.

## **Mechtild Rössler**



Dr Mechtild Rössler holds a degree in cultural geography from the University of Freiburg (Germany) and a doctorate from the Faculty of Earth Sciences at the University of Hamburg. She joined the CNRS at the Research Centre of the "Cité des Sciences et de l'Industrie" in Paris and then worked as a visiting researcher on geography, spatial analysis and spatial planning at the University of California at Berkeley (USA), in the Department of Geography. In 1991, Dr. Mechtild Rössler joined the Division of Ecological Sciences at UNESCO Headquarters in Paris and then the UNESCO World Heritage Centre in 1992. She held various positions there before being appointed Director of the Heritage Division and Director of the World Heritage Centre in 2015.

## **Vladimir Ryabinin**



Dr. Vladimir Ryabinin (Engineer, 1978; Ph.D., 1982; and Doctor of Sciences, 1995) is the Executive Secretary of the Intergovernmental Oceanographic Commission (IOC) of UNESCO in the rank of Assistant Director-General of UNESCO. His previous affiliations include the Hydrometcenter of Russia (moving from a trainee to a researcher and the head of a laboratory), the Moscow State University (as a senior lecturer), the International Ocean Institute (as a director), and the World Climate Research Programme (as a senior scientific officer at WMO).

Dr. Ryabinin is an oceanographer, marine engineer, climatologist, and emeritus meteorologist of Russia. His research has led to a number of achievements in the numerical weather prediction on

weekly time scale, in marine meteorological services, offshore engineering, and in ocean and climate science. He has been an author of hundreds of scientific publications and originator of several mathematical models and studies for the ocean, atmosphere, wind waves, etc.

Since early 1980s, Dr. Ryabinin has been involved as an expert in coordination activities of United Nations. He has contributed to core design of such international initiatives as the Global Ocean Observing System, Joint Technical Commission of the World Meteorological Organization (WMO) and IOC for Oceanography and Marine Meteorology, International Polar Year 2007/2008, and the UN Decade of Ocean Science for Sustainable Development (2021-2030).

### **Additional resources :**

Learning to protect biodiversity : <http://www.youtube.com/watch?v=kHhspf5IfdE>

Learning about Biodiversity- Multiple-Perspective Approaches:  
<http://unesdoc.unesco.org/images/0023/002311/231155E.pdf>

SDG Resources for Educators - Life on Land:  
<https://en.unesco.org/themes/education/sdgs/material/15>

Access to Learning objectives for SDG-15:  
<http://unesdoc.unesco.org/images/0024/002474/247444e.pdf#page=45>

Biodiversity Learning Kit – volume II – activities  
<http://unesdoc.unesco.org/images/0024/002459/245981E.pdf> (vol 1)  
<http://unesdoc.unesco.org/images/0024/002459/245982E.pdf> (vol 2)

Restore the Rainforest by Protecting Biodiversity (Brazil) – video:  
[http://www.unesco.org/archives/multimedia/index.php?s=films\\_details&id\\_page=33&id\\_film=2585](http://www.unesco.org/archives/multimedia/index.php?s=films_details&id_page=33&id_film=2585)

50 marine World Heritage sites across 37 countries : <http://whc.unesco.org/en/marine-programme/>

Shaping the future of climate adaptation & resilience at marine World  
Heritage: <https://whc.unesco.org/en/reefresilience/>

Central Africa World Heritage Forest Initiative (CAWHFI): <https://whc.unesco.org/en/cawhfi/>  
<https://www.youtube.com/watch?v=0jJjo0mMn8A>

Rapid Response Facility (RRF): <https://whc.unesco.org/en/rapidresponse/>