

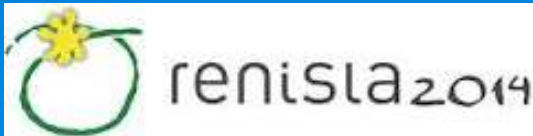
BIOSPHERE RESERVES AND THE NETWORK OF ISLANDS AND COASTAL AREAS

RENISLA 2014

25 - 26 June 2014

El Hierro Biosphere Reserve, Spain

By Dr. Miguel Clüsener-Godt, Division of Ecological and Earth Sciences
UNESCO
Man and the Biosphere Programme (MAB)





United Nations Educational,
Scientific and Cultural Organization

NATURAL SCIENCES SECTOR

Biosphere Reserves

Normative Instruments of UNESCO

- Biosphere Reserves (MAB Programme)
- Projects on Integrated Coastal and Island Conservation and Development
- Monitoring of Conservation of Islands and Coastal Areas
- World Heritage Sites
- Ramsar Sites



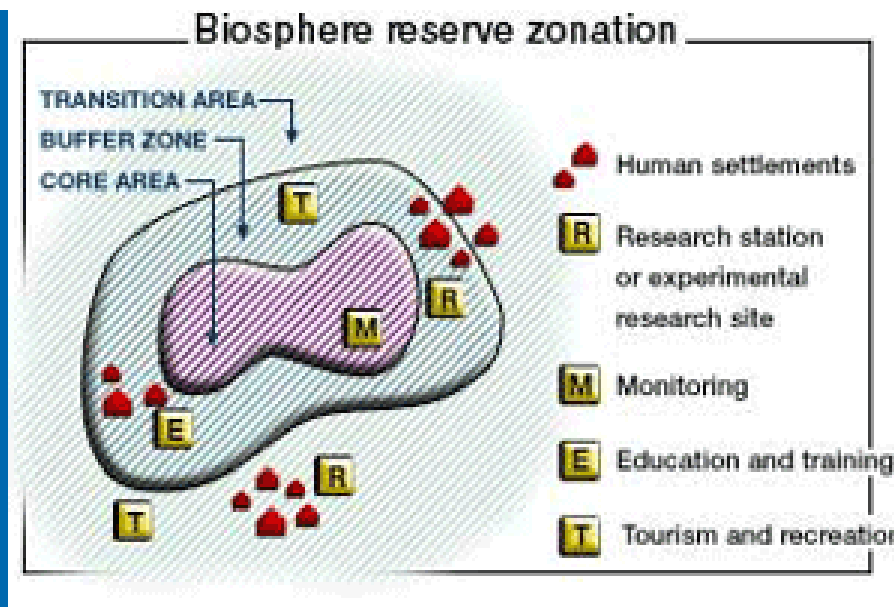
631 Biosphere Reserves in 119 countries

MAB ICC in Jonkoping, Sweden, 10-13 June 2014

13 new Biosphere Reserves and 3 extensions have been approved,
3 sites from Austria (2) and UK (1) have been withdrawn

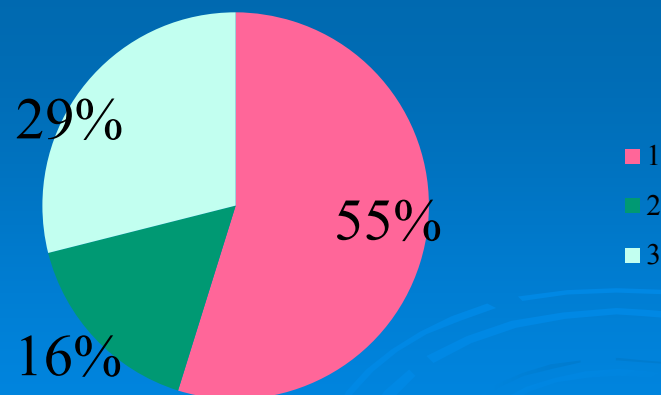
Therefore, the World Network has now 631 Biosphere Reserves
including 12 transboundary sites

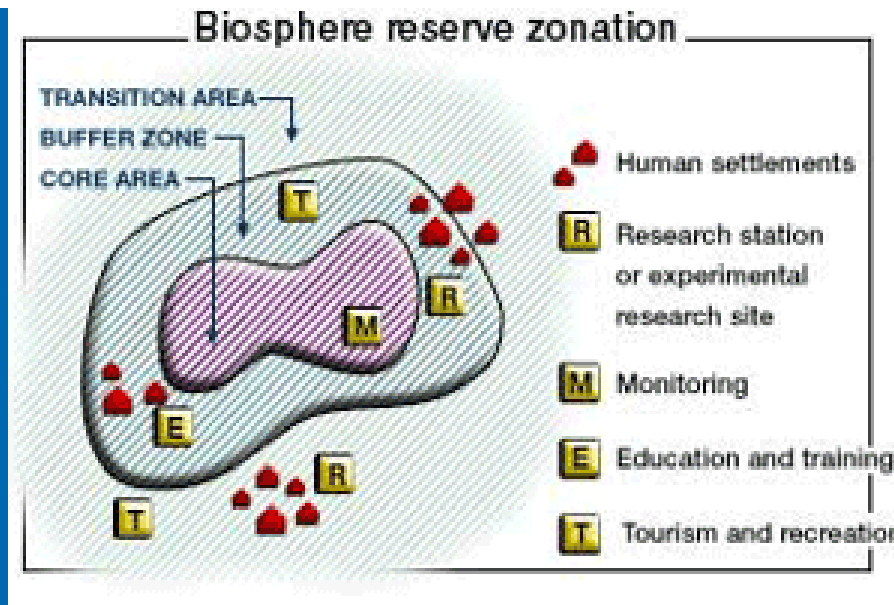




Pre-Seville BRs (until 1995):

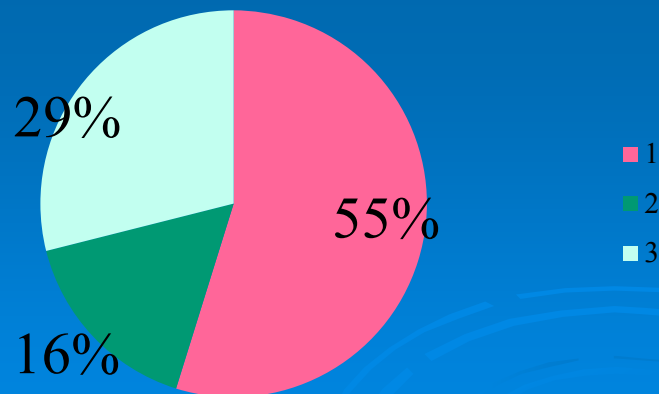
Core area (ha)	Buffer zone	Transition area
173,508,770	51,481,817	91,560,680





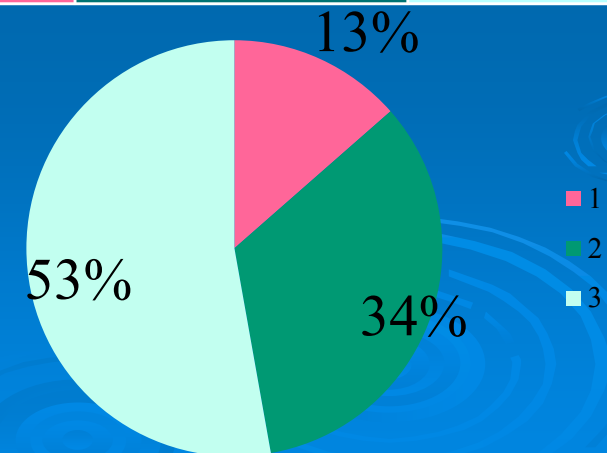
Pre-Seville BRs (until 1995):

Core area (ha)	Buffer zone	Transition area
173,508,770	51,481,817	91,560,680

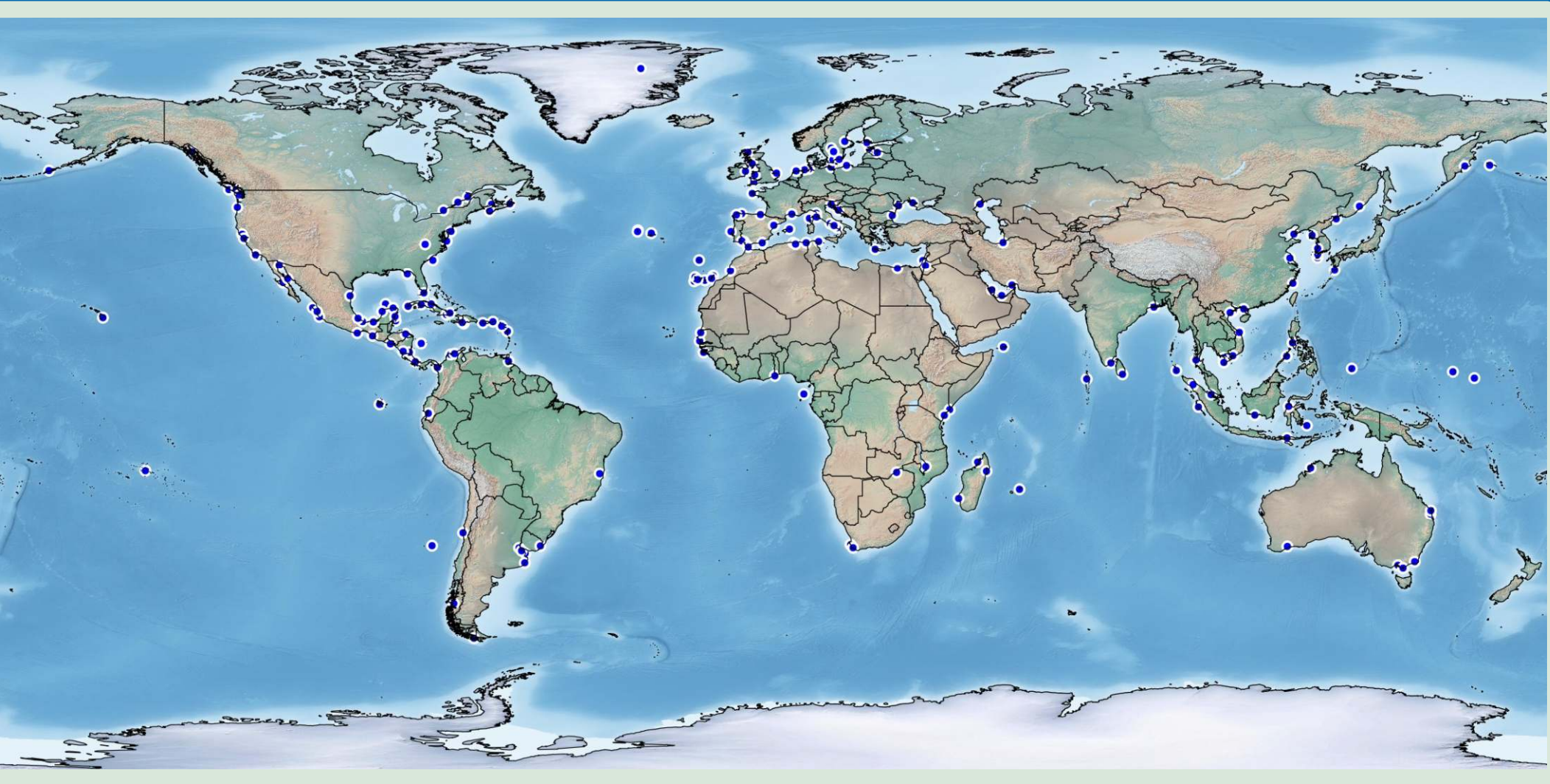


Post-Seville BRs (since 1996):

Core area (ha)	Buffer zone	Transition area
34,270,281	85,540,523	133,874,426

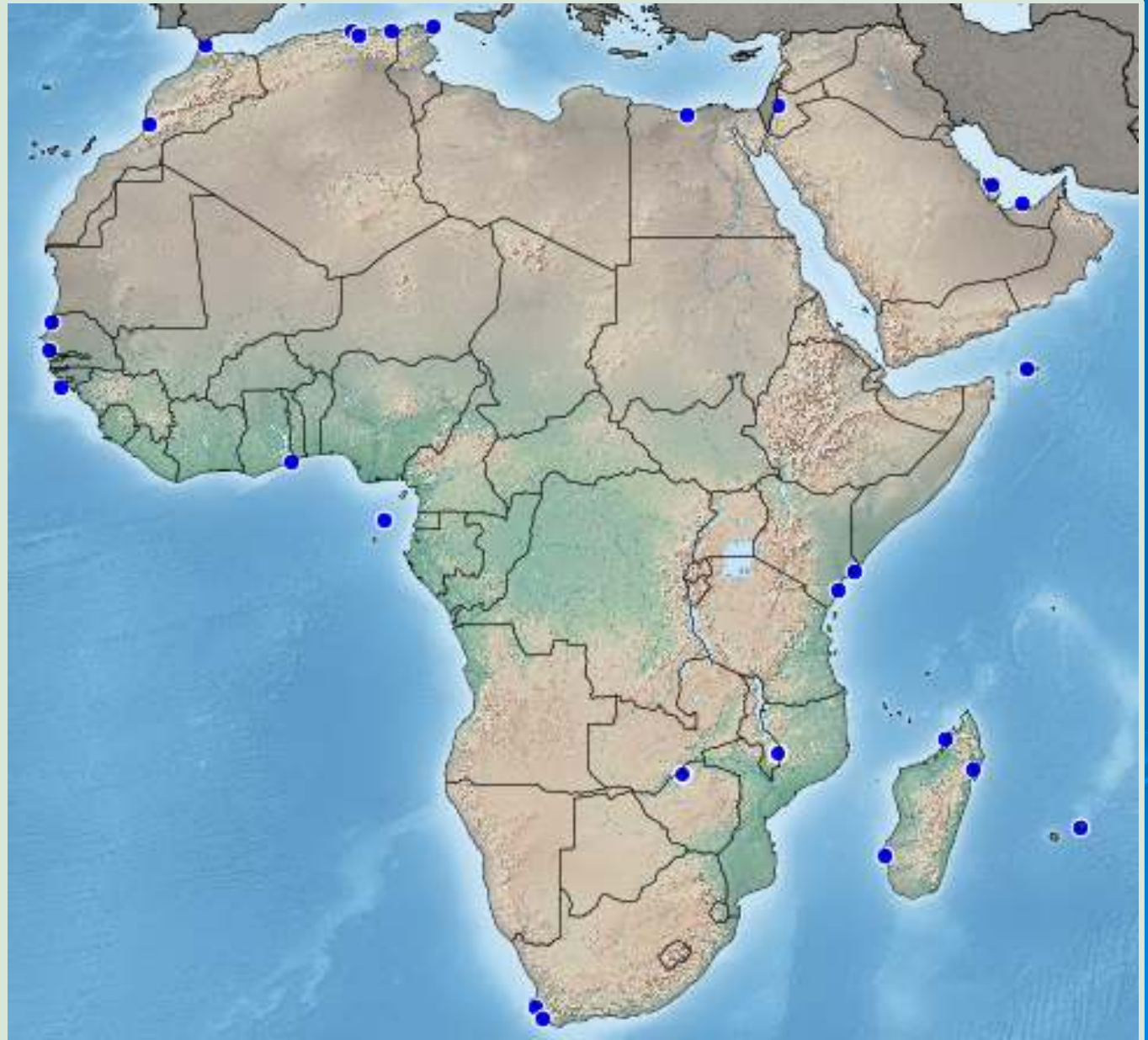


Coastal and Island Biosphere Reserves



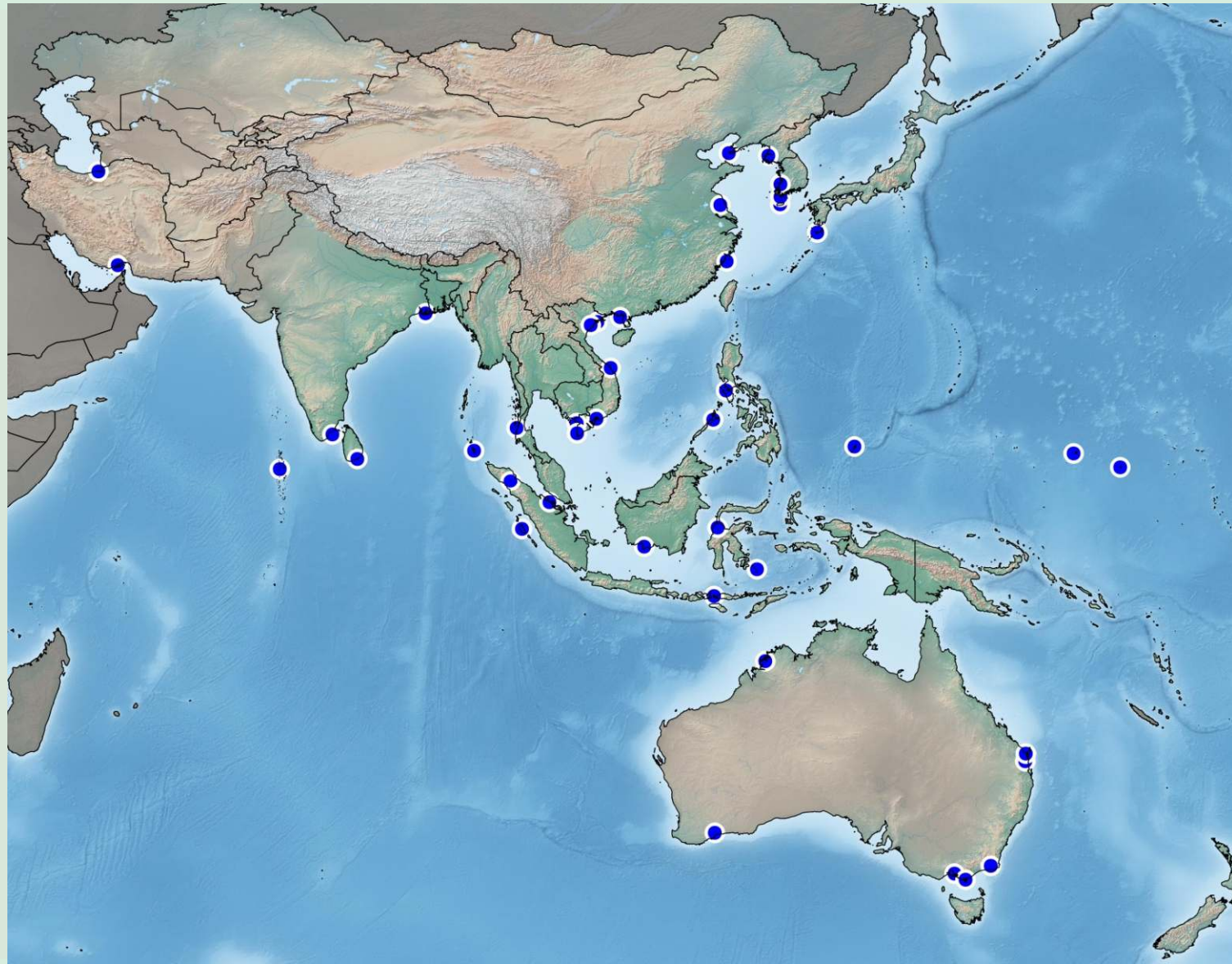
Africa and Arab States

Algeria
Egypt
Ghana
Guinea-Bissau
Jordan
Kenya
Madagascar
Malawi
Mauritania
Mauritius
Morocco
Qatar
Sao Tome and Principe
Senegal
South Africa
Tunisia
United Arab Emirates
Zimbabwe
Yemen

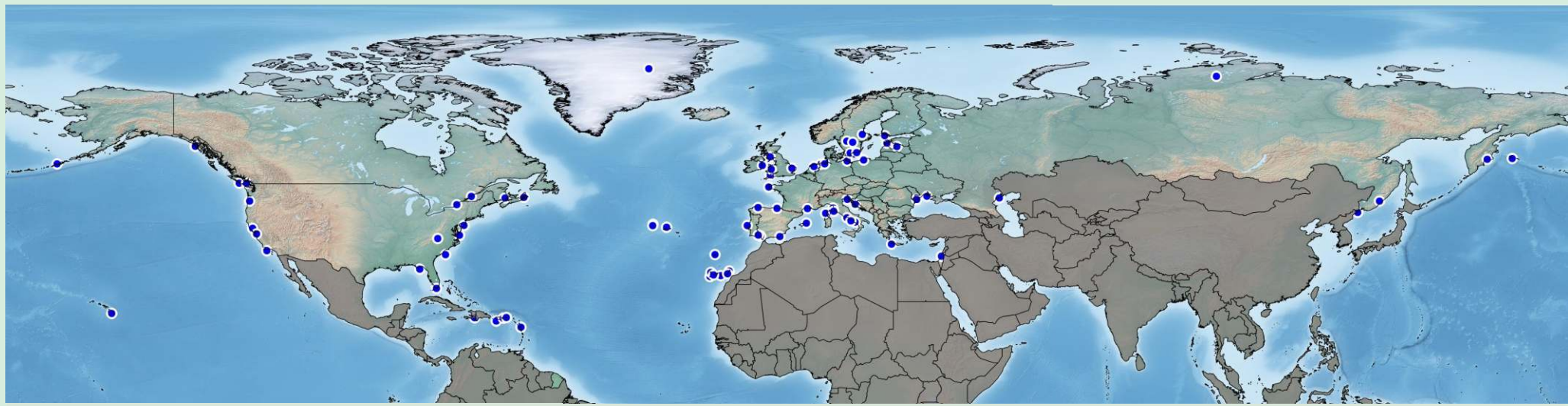


Asia and the Pacific

Australia
China
DPR Korea
Micronesia
India
Indonesia
Iran
Japan
Maldives
Palau Philippines
Republic of Korea
Sri Lanka
Thailand
Vietnam



Europe and North America



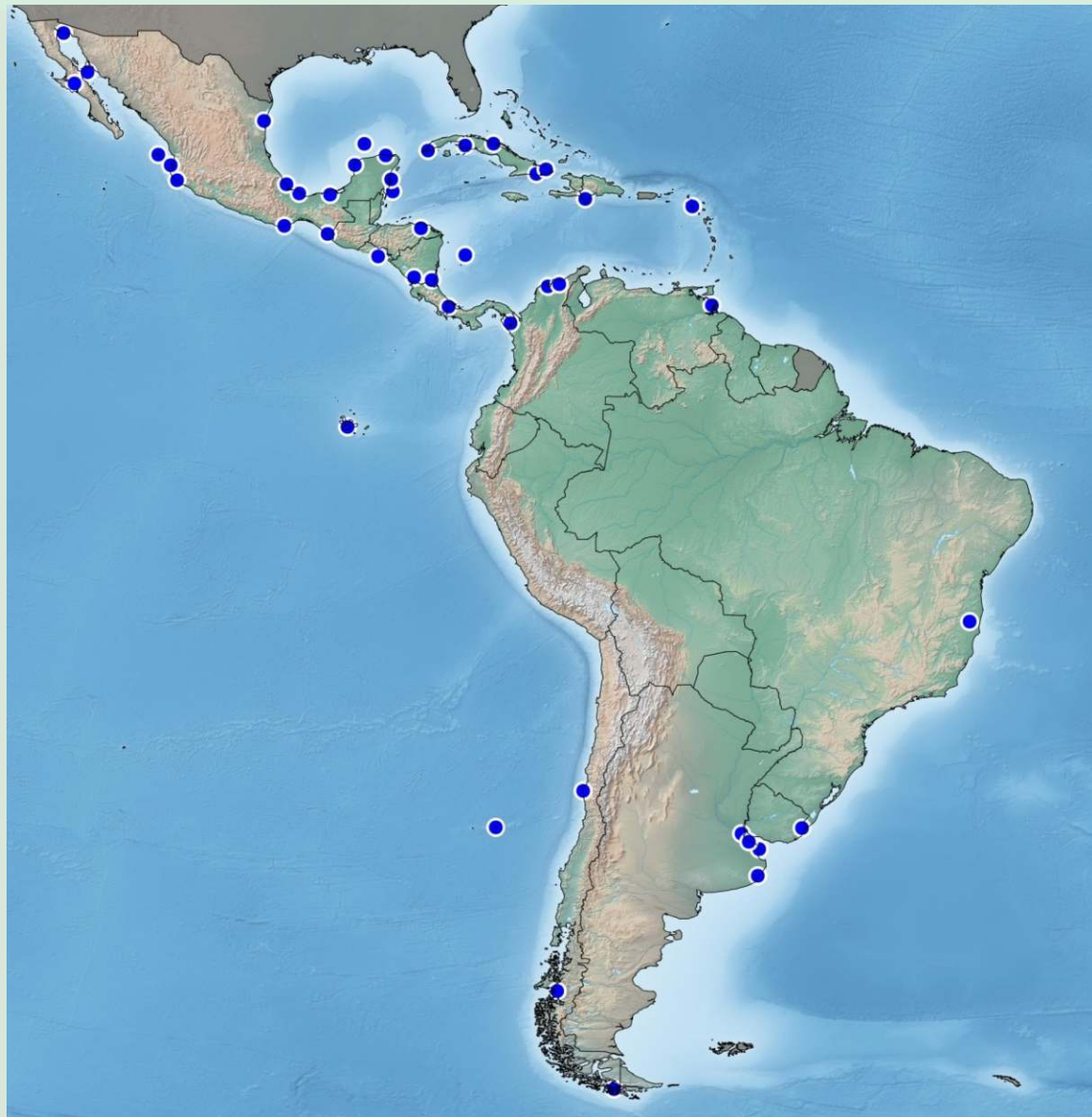
Canada
Croatia
Denmark
Estonia
Finland
France
Germany

Ireland
Israel
Italy
Latvia
Netherlands
Poland
Portugal

Romania
Russian Federation
Spain
Sweden
Ukraine
United Kingdom
United States of America

Latin America and the Caribbean

Argentina
Brazil
Chile
Colombia
Cuba
Dominican Republic
Ecuador
El Salvador
Haiti
Honduras
Mexico
Nicaragua
Panama
Uruguay
Venezuela





United Nations Educational, Scientific and Cultural Organization

NATURAL SCIENCES SECTOR

Biosphere Reserves

World Network of Island and Coastal Biosphere Reserves

"A global network of island and coastal biosphere reserve with special reference to biodiversity conservation, protected areas and sustainable development".

Chronology of events:

- 10-11 February 2008 in Menorca, Spain
- 25-29 May 2009 in Jeju Island, Korea
- 1 - 3 September 2010 in Jeju Island, RO Korea
- 28 June- 1 July 2011, Dresden, Germany
- 13 - 16 February 2012 in Menorca, Spain
- 12-13 September 2012 in Jeju Island, Korea
- 5 - 8 June 2013 in Estonian Archipelago, Estonia
- 10-13 June 2014 in Palawan, Philippines



2008



2010



2011



2012



2014



2013



2012



Island and Coastal Biosphere Reserves meet in Palawan, Philippines, to discuss main challenges and threats

Fourth meeting of the World Network of Island and Coastal Biosphere Reserves, Palawan, Philippines, from 16-21 June 2014. Organized by the Man and the Biosphere Programme, the Palawan Centre for Sustainable Development, Jeju Island biosphere reserve and Menorca biosphere reserve the Fourth Meeting of the Global Network of Island and Coastal Biosphere Reserves is taking place in the Palawan biosphere reserve in the Philippines from 16 to 21 June 2014. The meeting brings together representatives of island and coastal biosphere reserves from Australia, Chile, China, Democratic People's Republic of Korea, Denmark, Haiti, Indonesia, Jamaica, Japan, Maldives, Mauritius, Portugal, the Philippines, Republic of Korea, Sao Tome and Principe, Saint Kitts and Nevis, South Africa, Spain, Sweden and Yemen to discuss the main challenges and threats facing these areas - climate change; water, energy and food self-sufficiency; natural disasters and waste management - and to share experiences and potential solutions.

This Network aims to realize the potential of biosphere reserves in addressing climate change, particularly as places for learning about sustainable development and also for experimenting on mitigation and adaptation measures on climate change

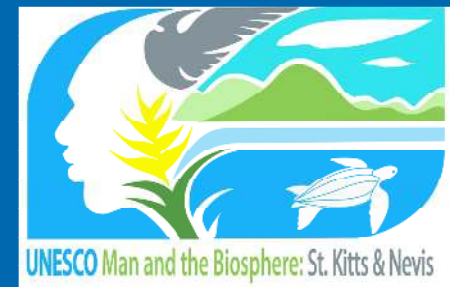


UNESCO Website: **World Network of Island Biosphere Reserves**

<http://www.unesco.org/new/en/natural-sciences/environment/ecological-sciences/man-and-biosphere-programme/networks/world-network-of-island-biosphere-reserves/>



Caribbean countries committed to establish biosphere reserves, 26-27 March 2013



- Countries attending the Inter-Ministerial and Experts Conference on Biosphere Reserves in the Caribbean Sub-Region held in St. Kitts from 26 to 27 March 2013 have committed to establish a biosphere reserve in their respective countries.
- During the conference, an action plan for the next three years was established with the aim to create a network of biosphere reserves in the Caribbean Small Islands States and to promote biosphere reserves as tools for innovative projects bringing added value to the local socio-economical activities.
- At a press conference after the meeting, the Ministers of Antigua and Barbuda, Dominica, Jamaica, St. Kitts & Nevis and St. Maarten and government representatives of Curaçao, St. Lucia and St. Vincent and the Grenadines announced their commitment to work together in the establishment of biosphere reserves in their countries.
- The St. Kitts & Nevis Declaration was also agreed upon by all ministers, UNESCO representatives and experts to that effect. Including empowering UNESCO to identify and secure extra-budgetary funds to facilitate the Caribbean island states to execute the action plan.

Eleventh International Meeting of the East Atlantic Biosphere Reserve Network (REDBIOS) 2-9 May 2013



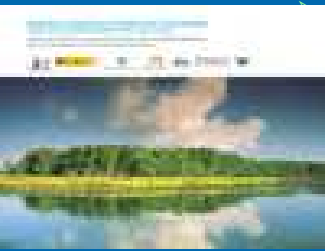
- **Island of Principe Biosphere Reserve**
- **REDBIOS is part of the Man and the Biosphere Programme and comprises the Canary Islands (Spain), Cape Verde, Mauritania, Madeira and Azores (Portugal), Morocco and Senegal.**
- **The network fulfils an interregional mandate to enable countries from the Macaronesian Region, which encloses several groups of islands in the North Atlantic Ocean off the coast of Europe and Africa, to cooperate and exchange their experiences.**
- **Next Meeting foreseen in September in Azores, Portugal, concerning possible new Biosphere Reserve In Pico**



Publications:

World Network of Island and Coastal Area Biosphere Reserves. Sites for sustainable island and coastal development (2012)

Published by Menorca Biosphere Reserve Agency, Island Council of Menorca; Autonomous Organization of National Parks, Department of Agriculture, Food, and the Environment; UNESCO-MAB Programme



The second publication of the World Network of Island and Coastal Biosphere Reserves proceeds from the 2nd meeting of this Network, held in Jeju, Republic of Korea, in September 2012.



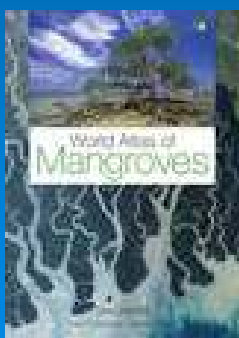
Policy brief: securing the future of mangroves (2012); UNESCO-sponsored programmes and publications

By Van Lavieren, Hanneke; Spalding, Mark; Alongi, Daniel M.; Kainuma, Mami; Clüsener-Godt, Miguel; Adeel, Zafar



World atlas of mangroves; UNESCO-sponsored programmes and publications (2010)

Spalding, Mark; Kainuma, Mami; Collins, Lorna



Final Report: International Conference of Island and Coastal Biosphere Reserves: Climate Change & Island and Coastal Ecosystems (2009)

Jeju Special Self-Governing Province, Republic of Korea; UNESCO Office, Jakarta; in collaboration with MAB National Committee of the Republic of Korea, Korean National Commission for UNESCO



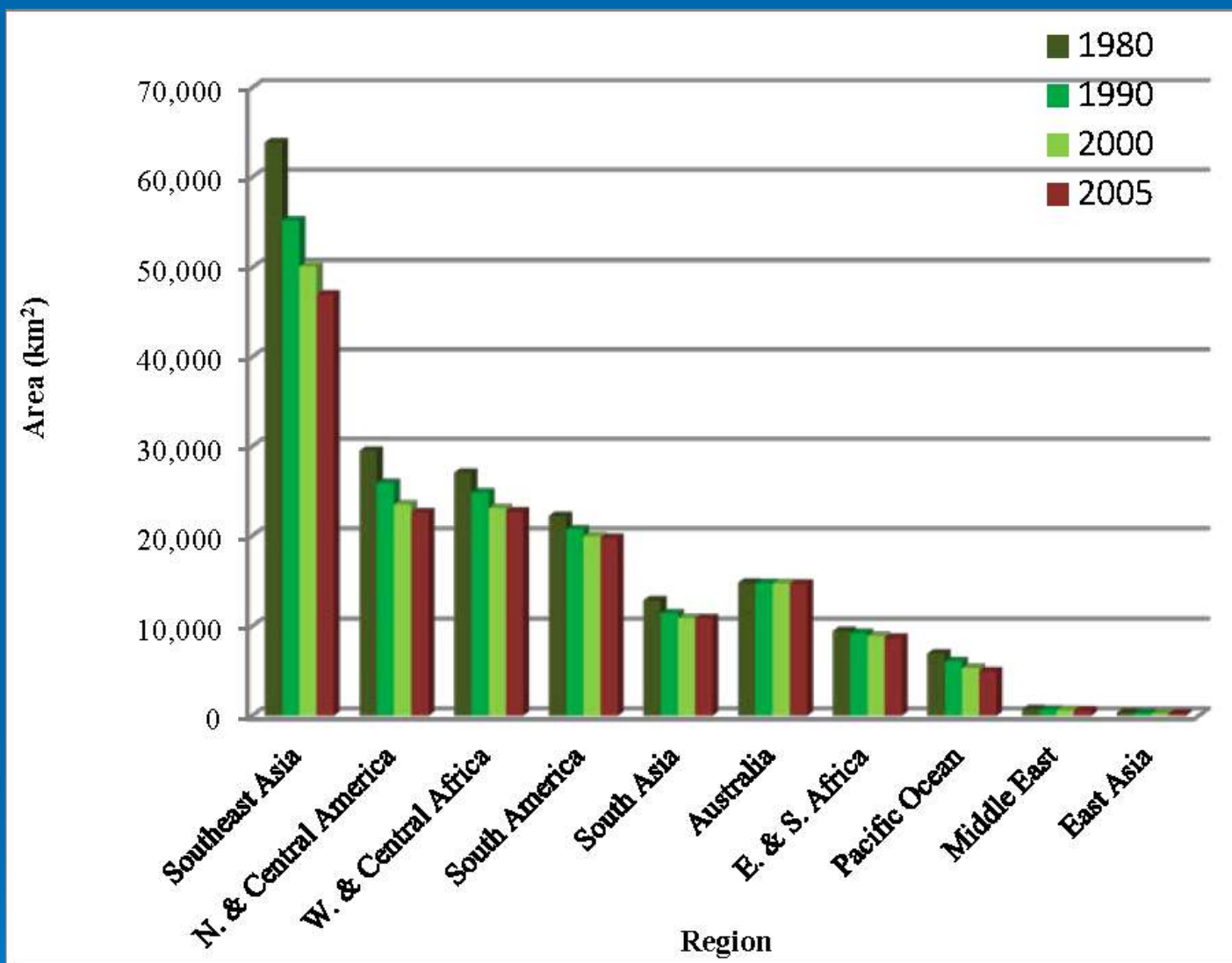
Publications:



3rd Publication of the World Network of Island and Coastal Area Biosphere Reserves. Sustainable Management in Island and Coastal Biosphere Reserves (2013)

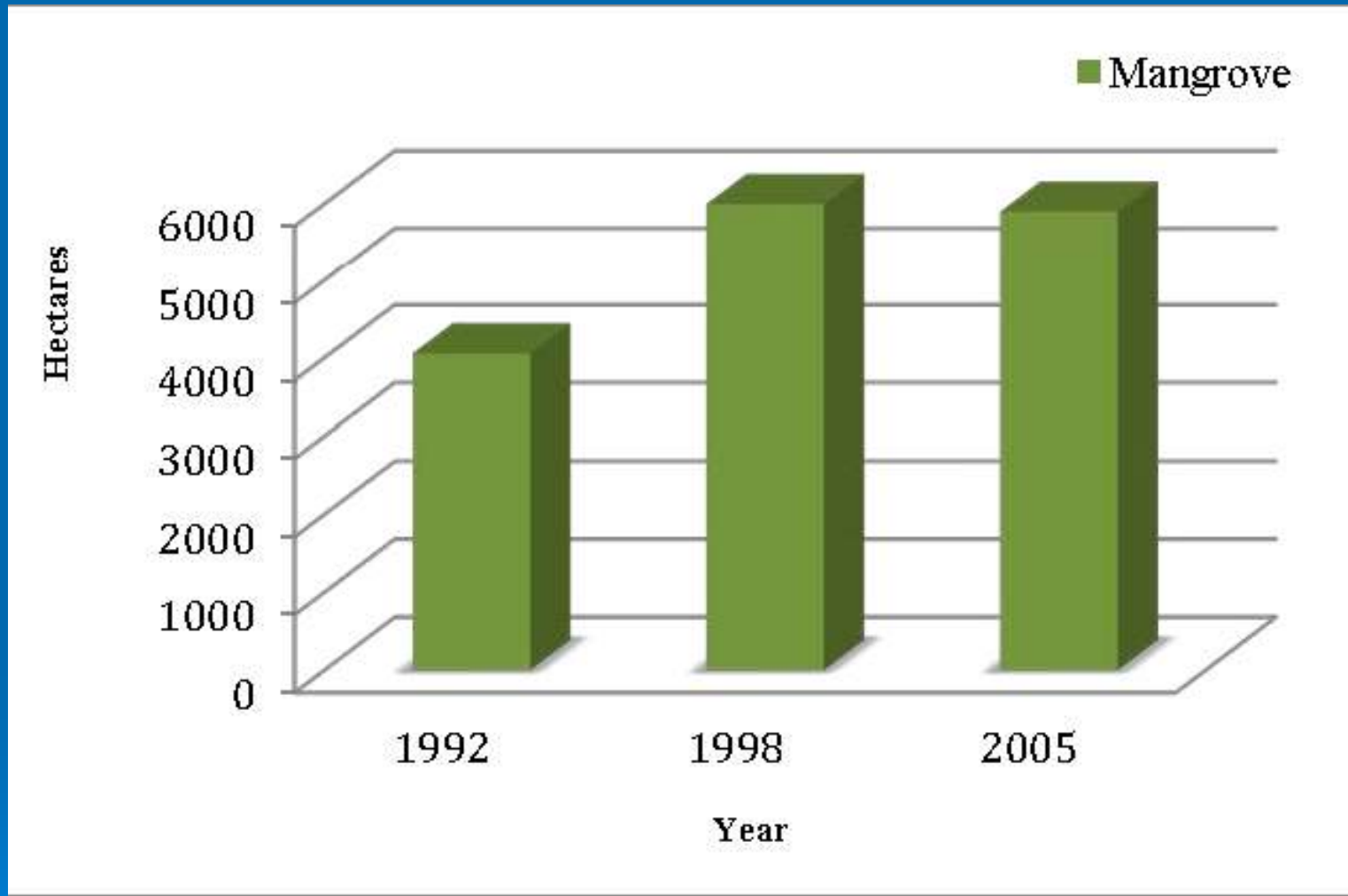


Third issue of the World Network of Island and Coastal Biosphere Reserves Newsletter



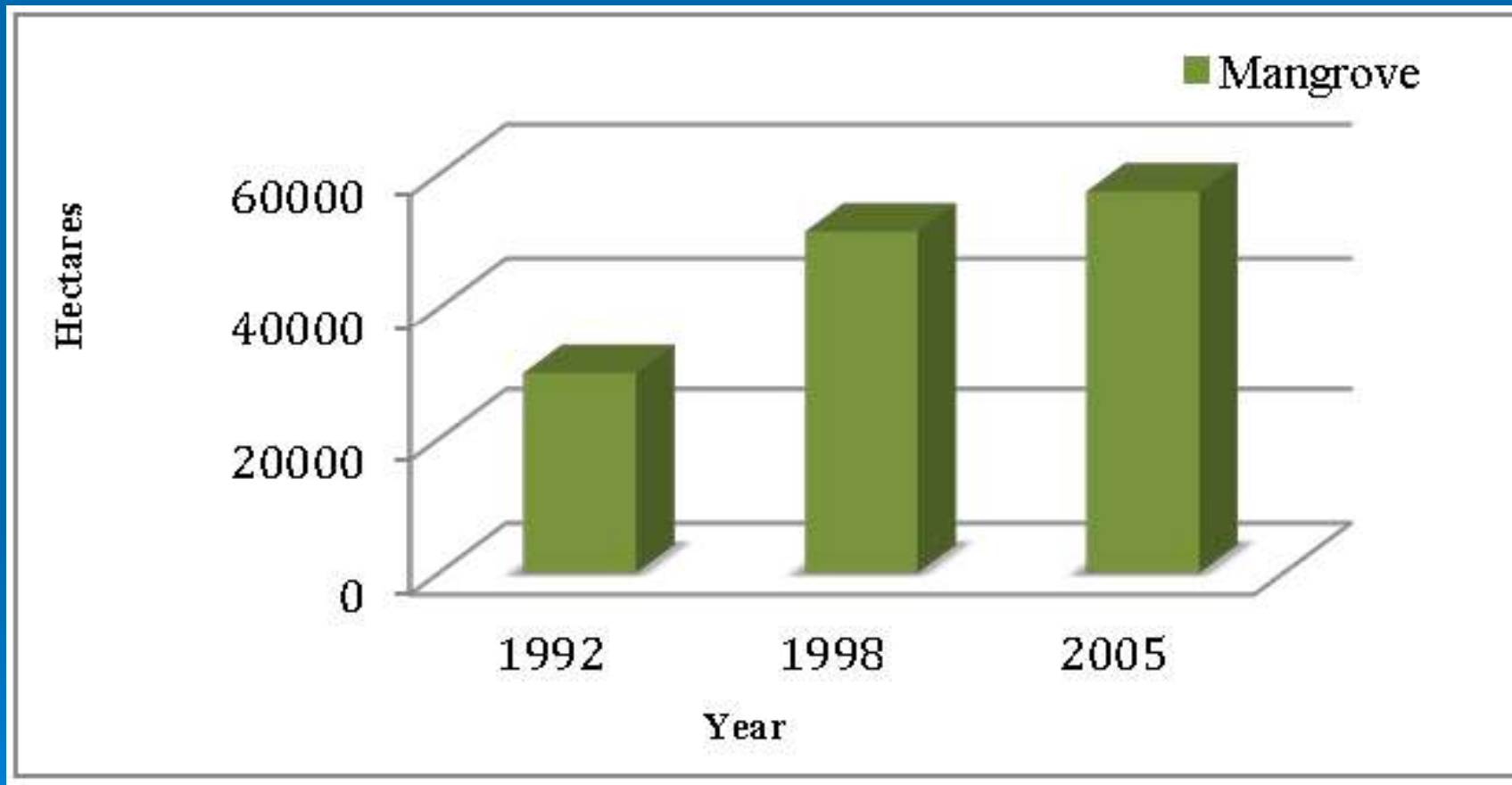
➤ *Figure 1: Decline in Mangroves by Region, 1980–2005 (Source: Estimates based on 2007 FAO data)*

Mangroves in Palawan Biosphere Reserve, Philippines I



- Mangrove Cover in Puerto Princesa (Source: PCSD, 2010)

Mangroves in Palawan Biosphere Reserve, Philippines II



- *Mangroves on Palawan Island (Source: PCSD, 2010)*



United Nations
Educational, Scientific and
Cultural Organization



Man and
the Biosphere
Programme



For additional information, please contact:

Dr. Miguel Clüsener-Godt

Senior Programme Specialist

**World Network of Island and Coastal
Biosphere Reserves**

Chief of Section for Biodiversity and Ecological Sciences

Division of Ecological and Earth Sciences

Programme on Man and the Biosphere (MAB)

UNESCO

e-mail: m.clusener-godt@unesco.org

A photograph of a street scene in Paris. In the background, a large, curved, multi-story building with many windows is visible. The foreground is filled with trees, some with green and yellow leaves, and others with brown autumn leaves. A street sign on a black pole on the left reads "7^e Arr." and "PLACE DE FONTENOY". Several cars are parked along the street, and a red and white circular sign is visible on the right. The overall atmosphere is bright and sunny.

Thank you very much !

Muchas gracias !