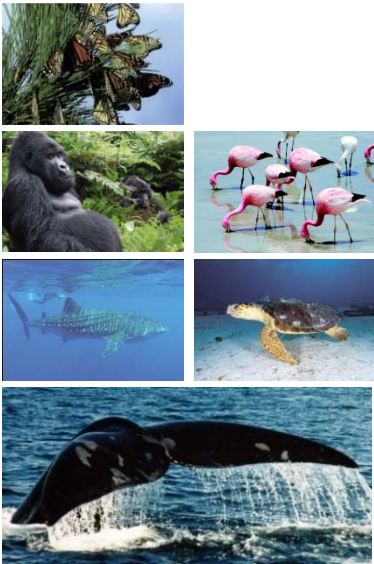


# Convention on the Conservation of Migratory Species of Wild Animals

## Addressing Threats to Marine Biodiversity





# Species Appendix Listing

## Appendix I – Endangered Species

- In danger of extinction in all or most of their range.
- No taking permitted (exceptions - science, breeding & traditional subsistence users or extraordinary circumstances)



## Appendix II - Species conserved through Agreements

- Have an unfavorable conservation status
- Would benefit significantly from an Agreement.



## Agreements



Wadden Sea Seals



ACAP



EUROBATS



ACCOBAMS



ASCOBANS



Gorilla



AEWA

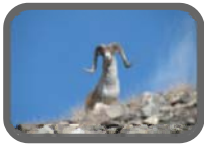
## Special Species Initiatives



SSA



CAMI



Argali



CAF



Loggerhead turtle

## MOUs



Aquatic Warbler



Bukhara Deer



Dugong



Great Bustard



Pacific Cetaceans



Raptors



Ruddy Headed Goose



Saiga Antelope



Sharks



Siberian Crane



Slender-billed Curlew



West African Aquatic Mammals



High Andean



Marine Turtles Africa



IOSEA



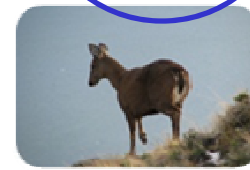
Mediterranean Monk Seal



West African Elephants



Grassland Birds of South America



Huemul



# Relevant MOUs in the ASEAN Region

- **Sharks MOU (Global)**
- **Dugong MOU (Indian Ocean)**
- **IOSEA MOU**

**Indian Ocean – South East Asian Marine Turtle MOU**





Convention on the  
Conservation of  
Migratory Species  
of Wild Animals

## MEMORANDUM OF UNDERSTANDING

### on the Conservation of Migratory Sharks (Sharks MOU)



#### Objective

To achieve and maintain a favourable conservation status for migratory sharks, based on the best available scientific information, taking into account the socio-economic and other values of these species for the people of the Signatories.



# Sharks MOU

Global instrument to achieve and maintain healthy populations of migratory sharks and rays

- 40 Signatories
- 29 species listed
- Global Conservation Plan:
  - Improving scientific knowledge
  - Applying sustainable fisheries
  - Protecting critical habitats, migratory corridors and critical life stages of sharks
  - Increasing public awareness and participation in conservation
  - Enhancing national, regional and international cooperation
- **MOS3 (Costa Rica 2016)** adopted a comprehensive Programme of Work (incl. Capacity Building, Cooperation with the Fisheries Sector and Research)





Convention on the  
Conservation of  
Migratory Species  
of Wild Animals



## MEMORANDUM OF UNDERSTANDING ON THE CONSERVATION AND MANAGEMENT OF DUGONGS AND THEIR HABITATS (DUGONG MOU)

### Mission

To ensure a favourable conservation status  
for dugongs and their seagrass habitats  
throughout their range





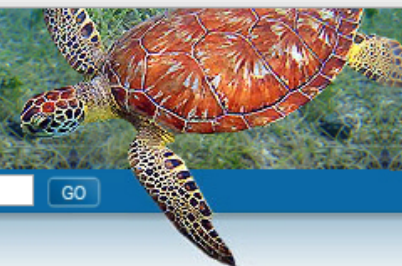


# Dugong MOU Signatories





# Indian Ocean - South-East Asian Marine Turtle Memorandum of Understanding



[Home](#) | [Site map](#) | [Secretariat](#) | [FAQ](#) | [Feedback](#)

Search site ...

## Welcome to the IOSEA Marine Turtle MoU Website!

*The IOSEA Marine Turtle Memorandum of Understanding is an intergovernmental agreement concluded under the auspices of the UNEP / Convention on Migratory Species (CMS). It aims to protect, conserve, replenish and recover marine turtles and their habitats of the Indian Ocean and South-East Asian region, working in partnership with other relevant actors and organisations.*

- Background >
- Official Texts >
- Membership >
- Regional Bodies >
- Advisory Committee >
- IOSEA Meetings >
- Useful Contacts >
- Archives >

Electronic Library

Projects Database

Satellite Tracking

Flipper Tag Series

Bibliography Resource

Genetics Directory

Discussion Forums

### PROFILE OF THE MONTH



The amazing journey of the grand old lady of Mon Repos (Flatback X23103) continues ... [READ ON](#)

### Recent additions:

- [NIO-Task Force pages](#)
- [Illegal Trade section](#)
- [Site Network Directory](#)
- [Fisheries - Turtle Interactions section](#)

### MESSAGE BOARD

- » Paper reviewed: Tropical flatback turtle embryos are resilient to the heat of climate change
- » New paper: Diversity, habitat distribution, and indigenous hunting of marine turtles in the Calamian Islands, Palawan, Philippines
- » NOAA Announcement of Funding Opportunity for Bycatch Reduction
- » Indian Ocean Turtle Newsletter - Issue 22
- » New web pages for NIO - Marine Turtle Task Force
- » Interesting gap analysis and research priorities for the Mediterranean Sea
- » IOSEAVIAC Paper on illegal marine turtle take and trade
- » New publication: Madagascar marine turtles in peril



### SPECIES OVERVIEW

**IOSEA**  
Site Network



# IOSEA Signatories



 Signatory State  
 Other Range States, not yet Signatories

[View more information on Signatory States](#)

## 35 Signatory States as at 1 May 2014:

- > Australia
- > Bahrain
- > Bangladesh
- > Cambodia
- > Comores
- > Egypt
- > Eritrea
- > France
- > India
- > Indonesia
- > Islamic Republic of Iran
- > Jordan
- > Kenya
- > Madagascar
- > Malaysia
- > Maldives
- > Mauritius
- > Mozambique
- > Myanmar
- > Oman
- > Pakistan
- > Papua New Guinea
- > Philippines
- > Saudi Arabia
- > Seychelles
- > South Africa
- > Sri Lanka
- > Sudan
- > Thailand
- > United Arab Emirates
- > United Kingdom
- > United Rep. of Tanzania
- > United States of America
- > Viet Nam
- > Yemen



# Threats to Marine Migratory Species in the Region

**Bycatch**

**Unsustainable Use**

**Underwater Noise**

**Marine Debris**

**Ship Strikes**



# Threats: Bycatch

- **Incidental catch in fisheries**
  - **Leading cause of mortality for marine mammals and turtles**
- 
- **Scientific Council Working Group and Appointed Councillor**
  - **Several Resolutions**
  - **Cooperation with fisheries bodies and civil society**





# Bycatch



# Threats: Unsustainable Use



- Poorly managed and illegal fisheries
- Shark fin trade/finning, gill trade (mobulid rays)
- Aquatic bushmeat hunting (for dolphins, dugongs, turtles, crocodiles)
- Live captures of cetaceans for dolphinaria



- Sharks MOU
- Resolutions (11.20)
- Scientific Council Working Group on aquatic bushmeat proposed
- Cooperation with IWC and CITES





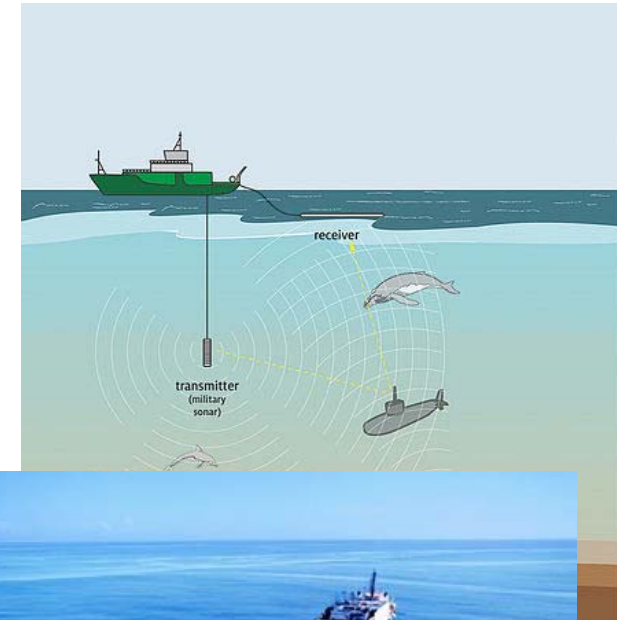
## Unsustainable Use





# Threats: Underwater Noise

- Hearing primary sense for many marine animals, needed for foraging, reproduction, etc.
- Noise sources: military sonar, seismic exploration, shipping, offshore industries
- Joint Working Group of CMS, ACCOBAMS and ASCOBANS
- Several Resolutions
- Guidelines for Environmental Impact Assessments for noise-generating industries under preparation



# Underwater Noise



# Threats: Marine Debris



- **Poor waste management**
- **Illegal dumping**
- **Both conservation and welfare issue**

- **Resolutions**
- **Guidance on national measures**
- **Advice from Scientific Council Working Groups**



# Marine Debris



# Marine Debris



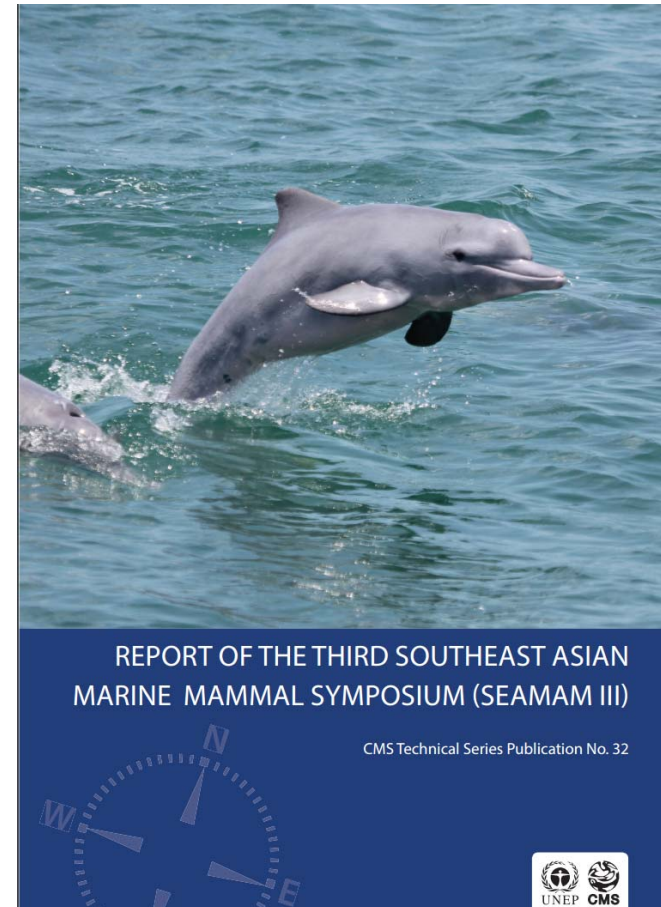
# Threats: Ship Strikes



# Fostering International Cooperation

## Capacity-building, Scientific Exchange and Project Support

- Regular capacity-building workshops
- Engagement with a number of conservation projects and initiatives in the region throughout the years
- Active support of all three Southeast Asian Marine Mammal Symposia
- Latest report published in November 2015, available at [www.cms.int/en/publications/technical-series](http://www.cms.int/en/publications/technical-series)



Thank you

[www.cms.int](http://www.cms.int)

