

# **REGIONAL WORKSHOP FOR MIDDLE EAST AND NORTH AFRICA ON THE PREPARATION OF THE FIFTH NATIONAL REPORT, Doha, 14-17 December 2013**

## **Yemen Review of NBSAP implementation**



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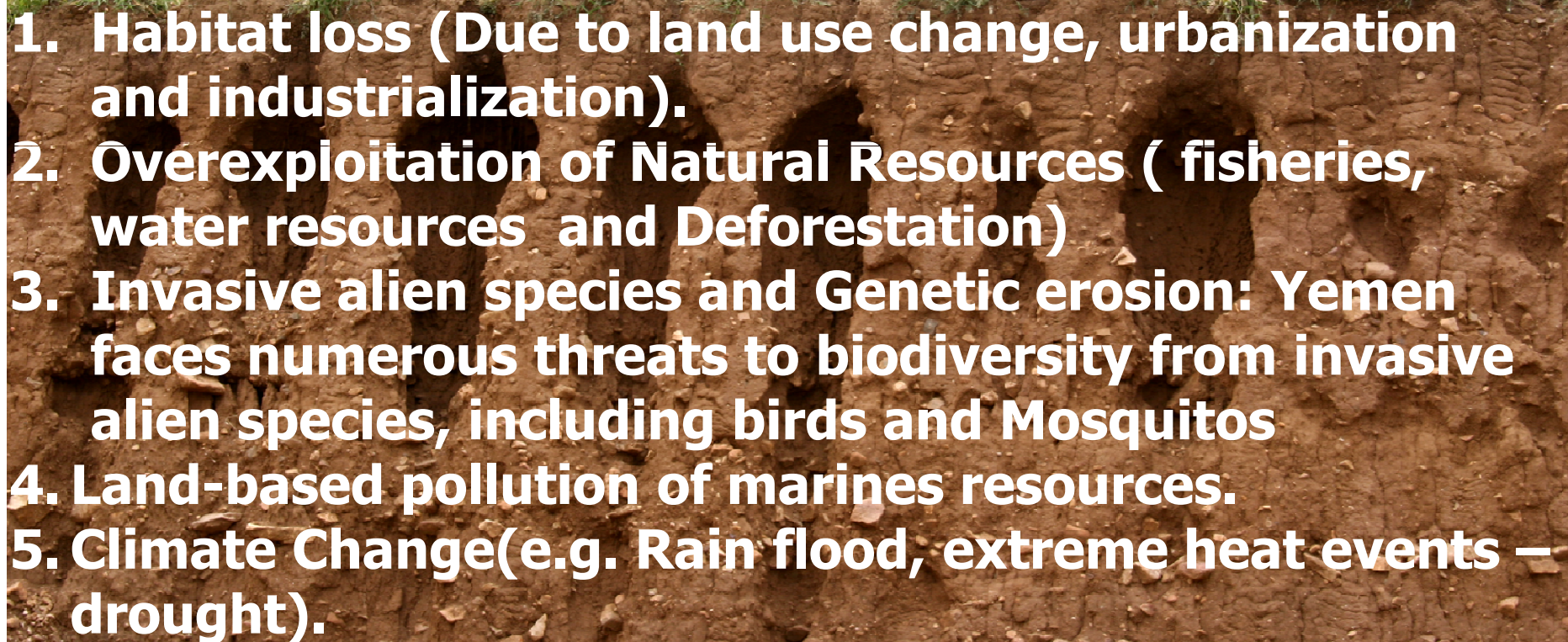
## Background

- 1. National Environment Protection Authority designated as the national Body responsible for managing Yemen biodiversity & National focal point for CBD**
- 2. There is a National Multi-stakeholder Committee (NMSC)**














































1. The committee includes representatives for:
2. Minister of Water and Environment, Chair
3. Ministry of Agriculture and Irrigation, member
4. Chairman of EPA, member
5. EPA Biodiversity Department, secretariat
6. Ministry of Planning & International Cooperation, member
7. The Ministry of Fishery Wealth, member
8. The National Women Committee, member



# **Priority Biodiversity Issues in Yemen**

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- 1. Habitat loss (Due to land use change, urbanization and industrialization).**
  - 2. Overexploitation of Natural Resources ( fisheries, water resources and Deforestation)**
  - 3. Invasive alien species and Genetic erosion: Yemen faces numerous threats to biodiversity from invasive alien species, including birds and Mosquitos**
  - 4. Land-based pollution of marines resources.**
  - 5. Climate Change(e.g. Rain flood, extreme heat events – drought).**

## Overall Status of Yemen Ecosystems

Ecosystems	Overexploitation	Climate Ch	Alien Invasive	Pollution	habitat loss
Forest					
Terraces					
Islands					
Rangelands					
Wetlands					
Marine Ecosys (Coral Reefs)					
Mangroves					
Lakes and bays					
Under ground aquifers					



Increasing Rapidly



No change



Slightly Decreasing





## NBSP Area of Focus

### 1. PA Coverage

Based on Gap analysis for Yemen PAS PA

- Only 9 areas declared as protected areas being 1% of Yemen total land mass and they are mostly Marine.
- To reach 10% target there is a need to declare 36 Pas

### 2. Restoration & Rehabilitation

1. Restoration programs Marine turtles (Arabian sea and Socotra)
2. Rangelands (western mountains),
3. Terraces & watershed areas of Wadies,
4. Mangroves rehabilitation,
5. Protection of Arabian leopard in 2 National Pas
6. Intensive awareness Progs in Tehama Area to halt capturing and selling of falcon species to some neighbouring countries.





## Status of NBSAP Implementation

NBSP Area of Focus	Status
3. Habitat representativeness	<ul style="list-style-type: none"><li>• <b>Is Limited to</b> islands, forest, wetlands, and Lakes <b>ecosystems</b></li><li>• <b>Not covering</b> Coral Reefs , <b>Sea Grass</b> <b>Salt marshes</b> , aquifers and Wadies</li></ul>
4. Economic valuation of Ecosystems	<ul style="list-style-type: none"><li>➤ <b>Is limited to eco-tourism &amp; direct agricultural Benefits</b> for 2 PA</li><li>➤ There is on going activity to value Yemen eco-systems</li></ul>





## NBSP Area of Focus

## Status

### 5. PA Management & Planning

50% of Yemen PAs have a management plan  
No long master Plan Available  
20% Of current Pas Have no Management bodies

### 6. Appropriate technology & info. Exchange

- Develop and updating **CHM** mechanism for biological diversity,
- Introduce **GIS**
- Environmental **Database**
- Prediction **models** for climate change
- Introduce models for water quality assessment,
- Introduce **sewage treatment and recycling** technology

### 7. Mainstreaming

- Environmental national committee,



# **Major Causes of Ineffective NBSAP implementation**

- 1. Poor knowledge and awareness on economic valuation of biodiversity and climate resilience**
- 2. Limited sustainable finance mechanisms for mobilizing funds;**
- 3. Limited integration between biodiversity and other conventions;**
- 4. Inadequate community participation under high centralization policy**
- 5. Weak capacity among local communities;**
- 6. Limited integrated approach in national policies;**
- 7. Poor law enforcement;**
- 8. Lack of country data, including networking for information exchange**
- 9. Poor monitoring and evaluation capacities**





Thank You