

# **BIODIVERSITY AND ECOSYSTEM SERVICES**

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**Ministry of Environment and Tourism**



# Agenda



1. Multilateral Environment Agreement (MEA)
2. Roles of MEA
3. The NBSAP II and its implementation
4. Issues affecting Biodiversity in Namibia
5. Planned Biodiversity data and information strategies and challenges thereof

# Multilateral Environment Agreement (MEA)



- It's a division within the Department of Environmental affairs comprised of:
  - Biodiversity and Sustainable Land Management
    - UNCBD
    - UNCCD
  - Climate Change Unit
    - UNFCCC

# Roles of MEA



## **CBD and UNCCD process**

- Namibia - original signatory in June 1992
- Ratified the convention in May 1997

## **The Conventions;**

- Each Party shall, in accordance with its particular conditions and capabilities:
  - Develop national strategies, plans or programmes for biodiversity and SLM, or adapt existing strategies, plans or programmes
  - Integrate biodiversity (SLM) into relevant sectoral and cross-sectoral plans, programmes and policies
  - Prepare National Reports to the CBD and UNCCD

## **Our roles:**

Too develop and coordinates the activities in Namibia and Report back to the 3 Rio Conventions

# The NBSAP II and its implementation



## NBSAP 2 Vision.....

“Namibia’s biodiversity to be healthy and resilient to threats, and the conservation and sustainable use are key drivers of poverty alleviation and equitable economic growth, particularly in rural areas”.

# Key agencies in implementation....



- Ministry of Environment and Tourism;
- Ministry of Agriculture, Water and Forestry;
- Ministry of Lands and Resettlement;
- Ministry of Fisheries and Marine Resources
- Ministry of Regional and Local Government, Housing and Rural Development
- Ministry of Youth, National Services, Sport and Culture
- Ministry of Education
- CBOs and NGOs
- Tertiary Institutions

# Outcome of the NBSAP II implementation.....



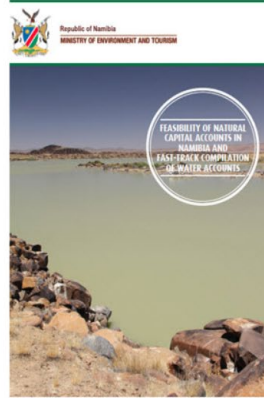
Baseline for Biodiversity Expenditure in Namibia

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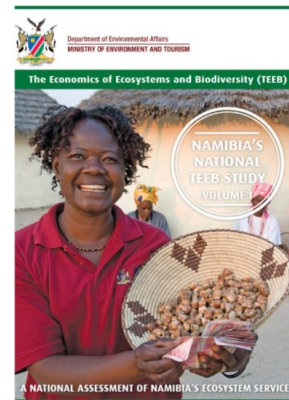
Inventory of Ecosystem Services In Namibia

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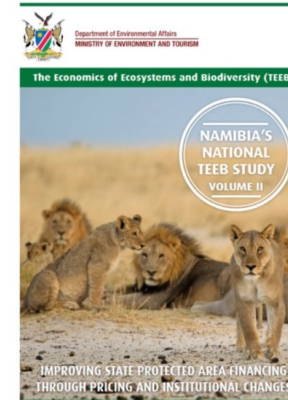
Feasibility of Natural Capital Accounts in Namibia and fast-track compilation of water accounts

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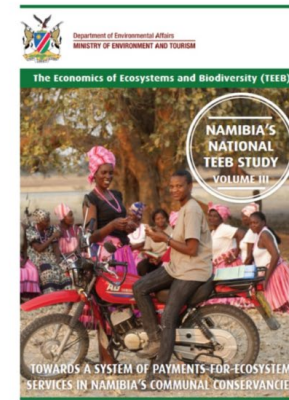
TEEB Volume 1: Value of Ecosystem Services

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TEEB Volume 2: State protected area financing

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TEEB Volume 3: Payments for Ecosystem Services

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# Outcome of the NBSAP II implementation....

The screenshot shows a web browser window with the URL [cmr.mandela.ac.za/FBSA-Portal/Namibia/Namibian-FBSA-Status-Assessment-Management](http://cmr.mandela.ac.za/FBSA-Portal/Namibia/Namibian-FBSA-Status-Assessment-Management). The page header includes navigation links: [ACADEMIC](#), [APPLY](#), [ON CAMPUS](#), [ABOUT US](#), and [STUDENTS](#). There are also social media icons for Facebook, Twitter, YouTube, and Instagram, and a search bar.

The main content area features the text "Institute for Coastal and Marine Research" in green. Below this, there is a map interface for "Walvis Ridge Namibia". The map shows the southern part of Africa with several countries highlighted in yellow: Angola, Namibia, Botswana, South Africa, Mozambique, Zimbabwe, Malawi, Tanzania, and Madagascar. The map is labeled with "Google My Maps".

On the right side of the map interface, there is a list of countries:

- name: Walvis Ridge Namibia
- description: Conservation

The background of the page is a blurred image of a person walking outdoors.



# Issues affecting Biodiversity in Namibia

- ❑ There are many threats that put biodiversity at risks, however the following are considered critical threats to biodiversity:
  - Unsustainable water uses
  - Expansion of urban areas
  - Climate change
  - Rapid expansion of mining and prospecting
  - Unsustainable Land management practices
  - Uncotrolled fires
  - Alien Invasive species
  - Human Wildlife Conflicts

# Planned Biodiversity data and information strategies and challenges thereof

- Mapping Biodiversity Priorities
  - Needing tonnes of spatial data
  - Dedicated teams of various expertise
  
- Establishing Biodiversity Repository Site
  - Enable free access to biodiversity information
  - Challenges with IT equipment and a dedicated host institution