

# Peoples' Biodiversity Register (PBR)

This Presentation was prepared by Dr. Anirban Roy, West Bengal Biodiversity Board and modified by NBA



# Why Biodiversity is so important?



- Biodiversity forms the basis of life on this planet.
- It provides for goods and services that sustain, survival of life on the Earth.



## **India's Biodiversity**



- India is one of the 17 mega bio diverse countries.
- India is rich in biodiversity and associated traditional knowledge.



# India's Biodiversity .....



is being managed by local communities, predominantly







This diversity and knowledge of biological resources in the country is getting eroded at fast rates



# How to Conserve these Precious Resources?





# The Biological Diversity Act

Enacted in 2002 and Rules notified in 2004 Objectives:

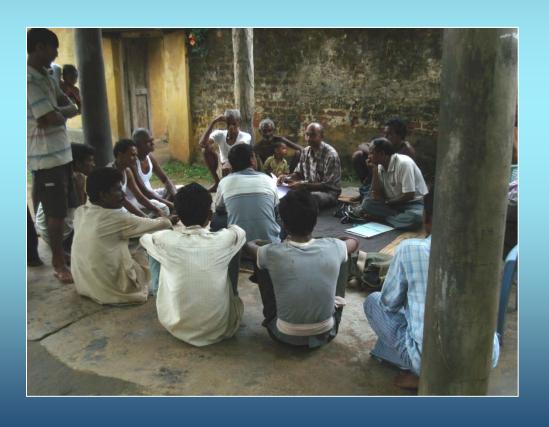
- Conservation of Biological Diversity
- Sustainable use of its components
- Equitable sharing of the benefits arising out of the use of biological resources, knowledge and for matters connected therewith or incidental thereto



# We cannot manage what we do not know...

Need for Documentation of Biodiversity & Traditional

Knowledge



At Local Level
With
Involvement
of
Local People



# Peoples' Biodiversity Register (PBR)



An innovative decentralized approach to know, use and safeguard our biodiversity and traditional knowledge



# Such documentation helps local sustainable resource





#### **Restoration of**

- Traditional fishes,
- Crops,
- Wildlife habitats and
- Locally endangered wild species



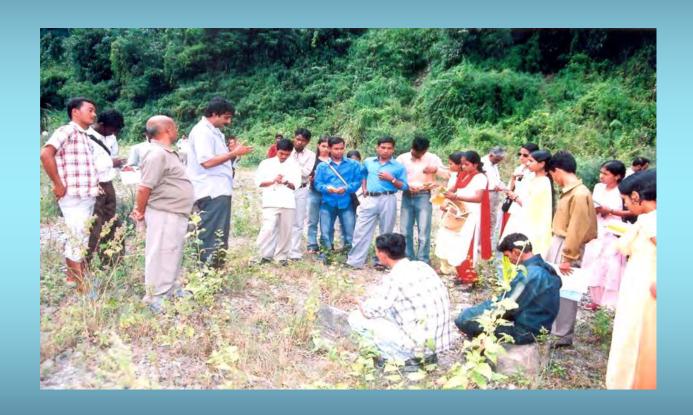
#### Documentation also.....



Supports claims of local ownership of biodiversity & traditional knowledge



# PBR process creates a mass awareness



This is Important for Biodiversity Conservation



## PBR contributes to Knowledge Flow



Significant for Biodiversity Conservation



# Who Prepares the PBR?

#### Local communities with inputs from

- Interested members of Biodiversity Management Committees (BMCs)
- Students and teachers from Colleges / High Schools
- Volunteers from Non Governmental Organization (NGOs)
- Knowledgeable individuals representing different user groups





#### A PBR contains

#### **Landscape Diversity**













- Cultivated Lands
- Aquatic Bodies Rivers

**Ponds** 

**Ditches** 

Canals

- Forests
- Other areas

Wasteland

**Pasture** 

**Garden / Orchard** 

**Burial ground / Crematory** 

**Crop Plants** 

**Vegetables** 

**Fruits** 

Wild plants

**Wild Animals** 

**Domestic animals** 

Birds, Insects

Microflora & fauna

Traditional knowledge associated with the above



## PBR also provides ....

#### Information on

- Local Biodiversity Hotspots
- Sacred Groves
- Other biologically significant areas
- Locally endemic and endangered Species







#### PBR can also focus on











- Life scape diversity of People
- Their knowledge + Expectation
- Special features such as rituals
- Ecological history of the area





Biodiversity is life Biodiversity is our life