





# WBCS 2022



## GEOGRAPHY

# WILDLIFE OF INDIA



**LIVE** 01:00 PM

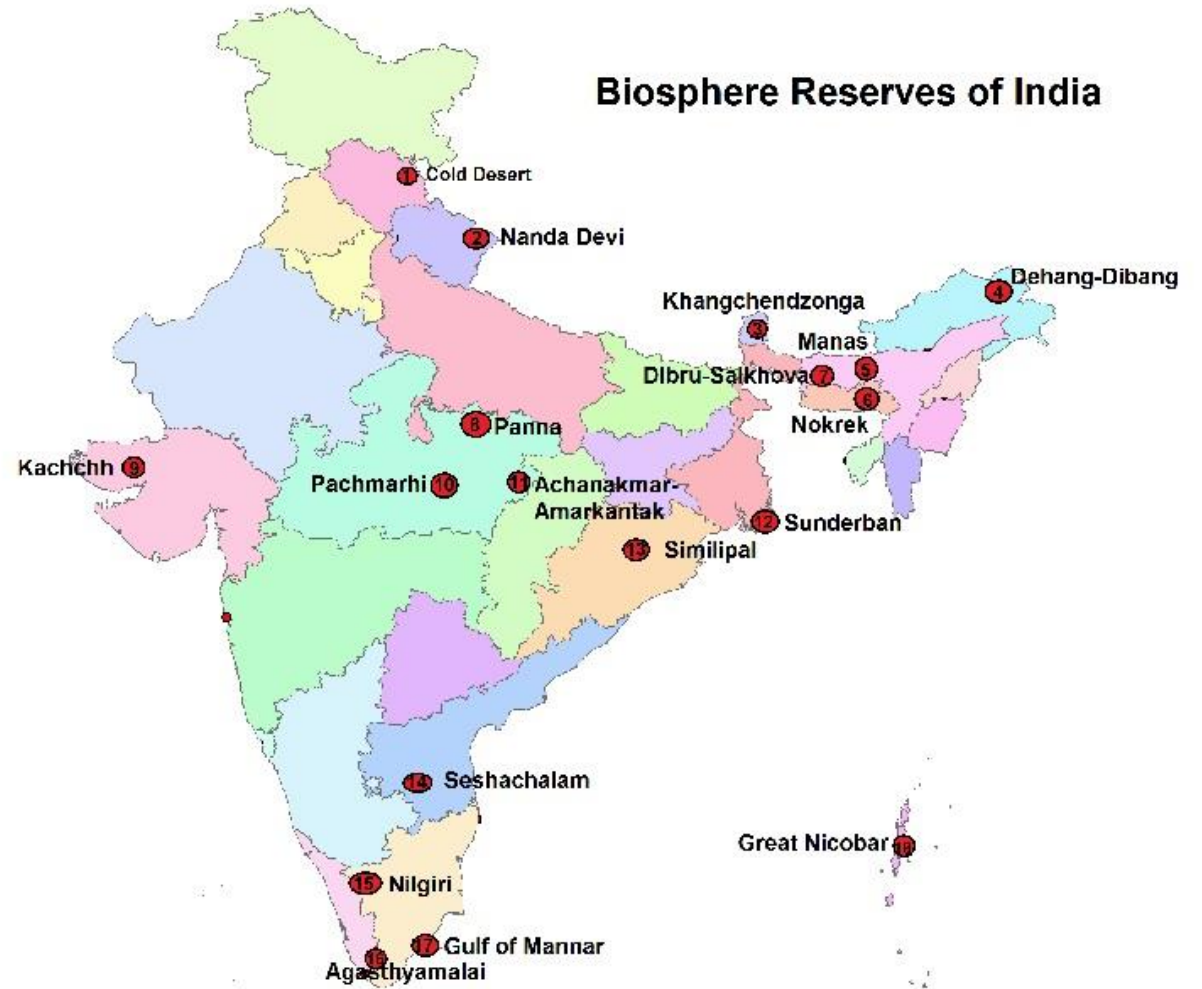
**23 MARCH 2022**

# BIOSPHERE RESERVE

- The multipurpose reserved area which maintain genetic diversity in representative sample of ecosystem are called biosphere reserve.

- **Their main purposes are:**

- Conserve diversity of plants, animals and micro-organisms
- Encourage research in ecology and environmental matters.
- Provide facilities for education, awareness and training.



# BIOSPHERE RESERVE

- In 1971 an inter-govt scientific programme named "Man and the Biosphere (MAB) Programme" was launched by UNESCO.
- It's aim was to strengthen on scientific basis, the relationship between people and their environment. ✓
- The objective behind the establishment of biosphere reserve was the conservation of all kinds of life (animals and plants) in their natural habitat. ✓

In situ

(MAB)  
1971

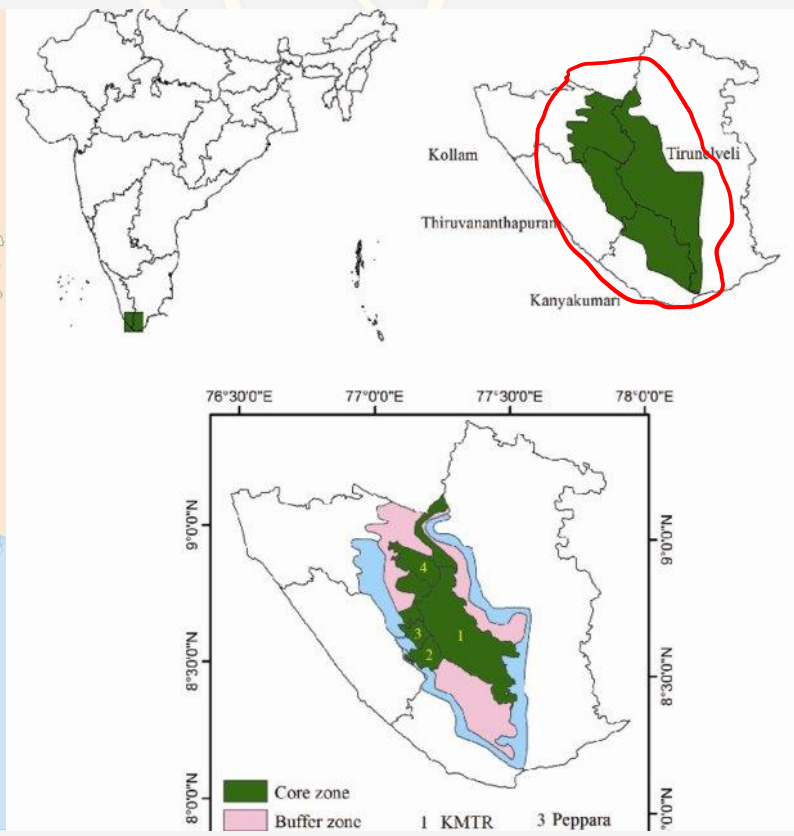


✓  
(United Nations  
Educational, Scientific and  
Cultural Organization)

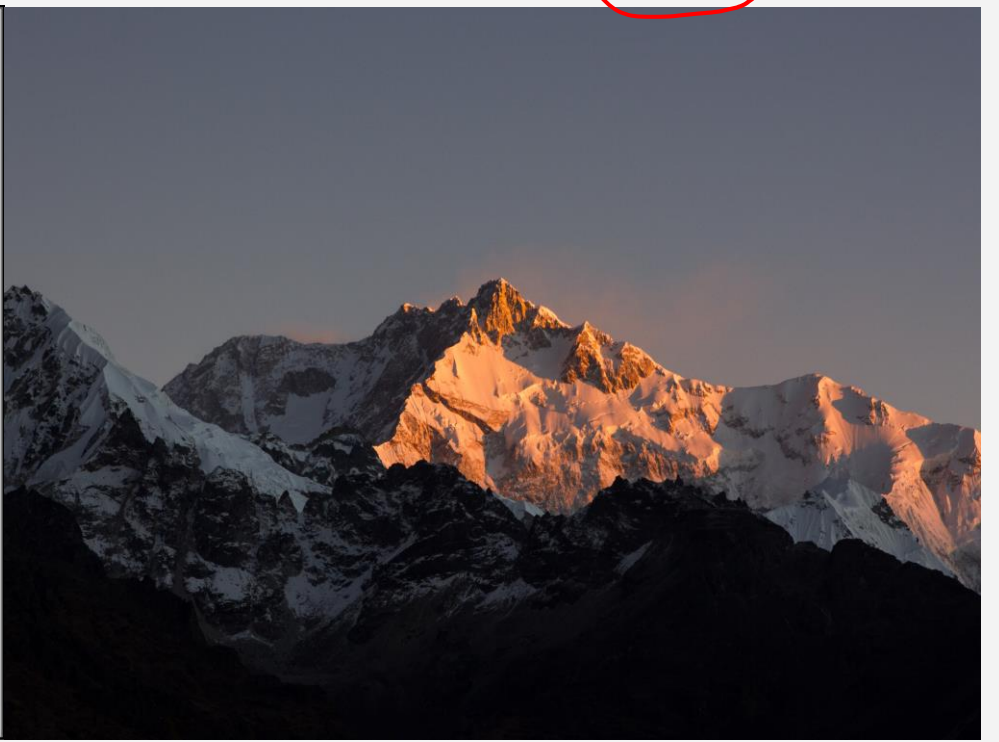
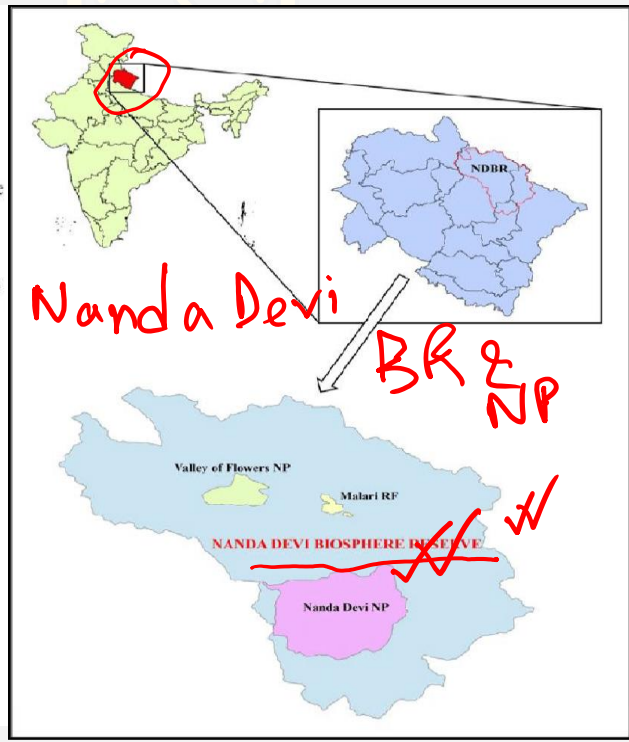
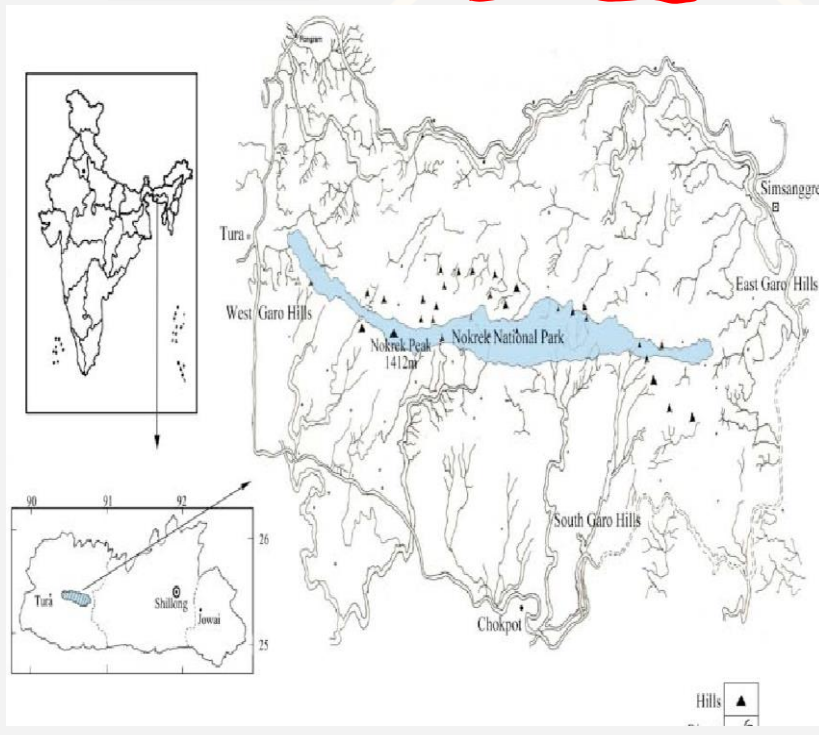


• Man and  
• the Biosphere  
• Programme

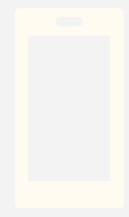
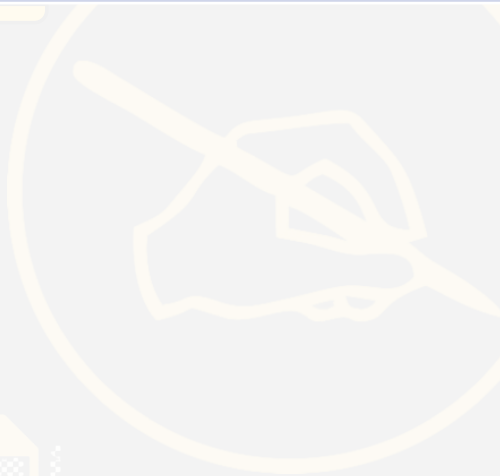
Biosphere reserve	States	Year of Establishment
1. Nilgiri	Karnataka, Kerala, Tamilnadu	1986 (1 <sup>st</sup> ) ✓
2. Rann of Kachh ✓	Gujarat ✓	2008 ✓
3. Agasthyamalai ✓	Kerala ✓	2001 ✓



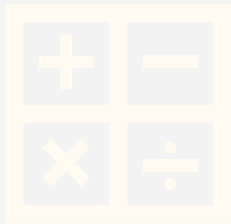
Biosphere reserve	States	Year of Establishment
4. Nokrek ✓	Meghalaya ✓	1997 ✓
5. Nanda Devi ✓	Uttarakhand ✓	1988
6. Kanchenjunga ✓	Sikkim ✓	2000



Biosphere reserve	States	Year of Establishment
7. Dibru-Saikhowa ✓✓	Assam	1997 ✓✓
8. Manas ✓✓	Assam	1989 ✓✓
9. Sunderban ✓✓	West Bengal	1989 ✓✓

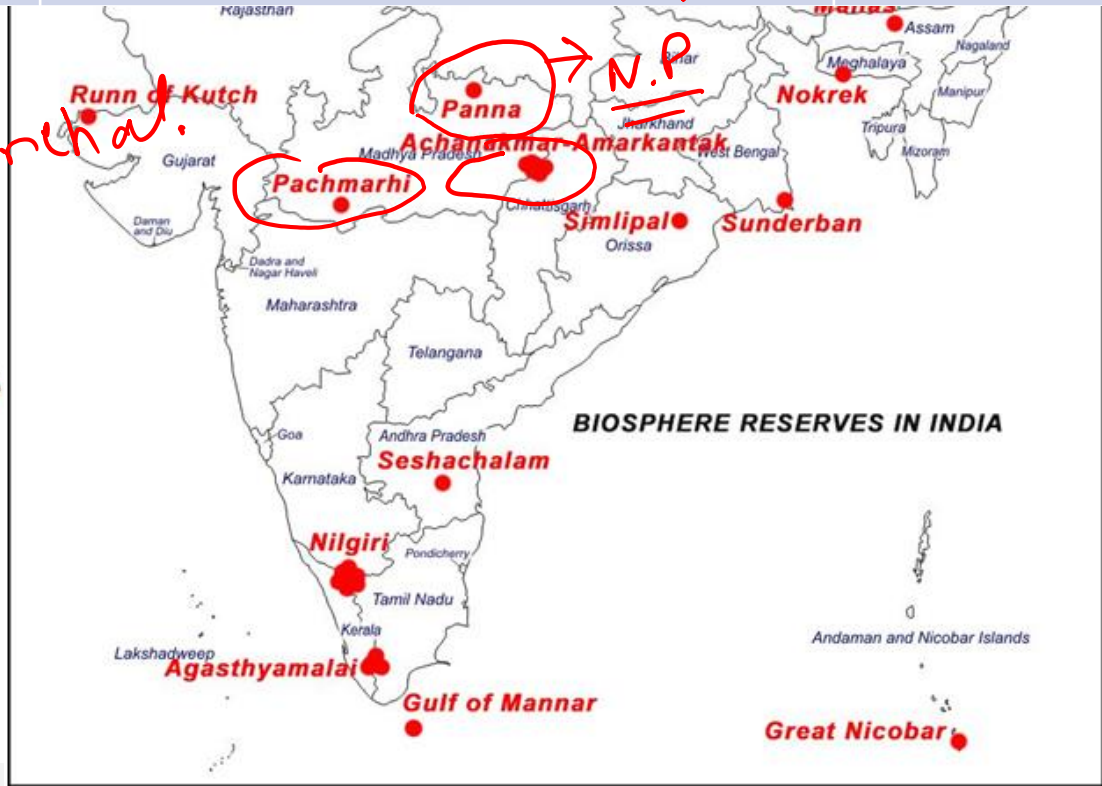
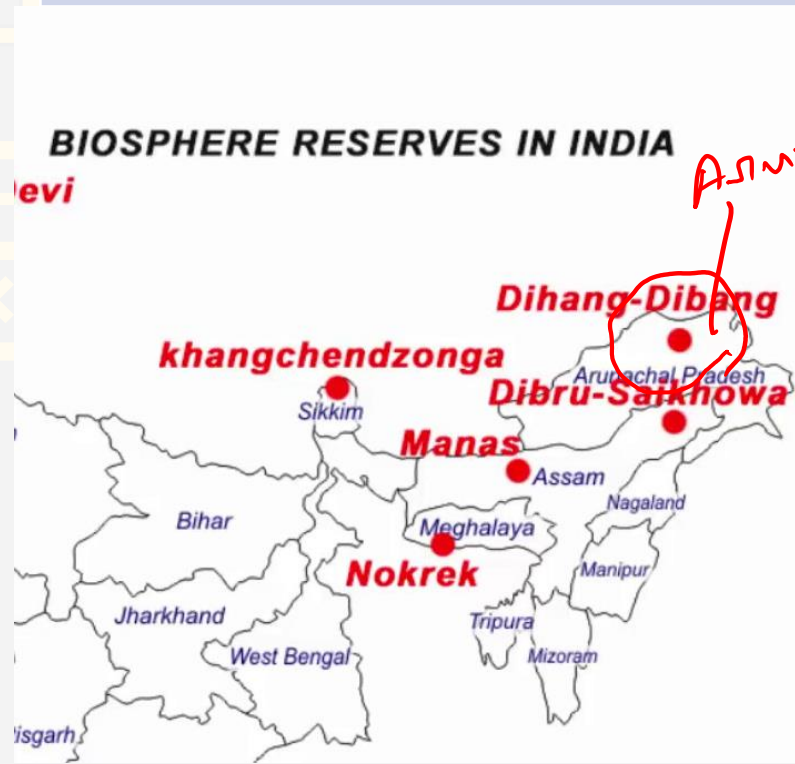


Biosphere reserve	States	Year of Establishment
10.Gulf of Mannar	Tamilnadu	1989
11.Simlipal	Odisha	1994
12.Cold Desert	Ladakh	2009





Biosphere reserve	States	Year of Establishment
13. <u>Dihang-Dibang</u>	Arunachal Pradesh ✓✓	1998
14. Pachmarhi ✓✓	Madhya Pradesh ]	1999
15. Amarkantak ✓✓	Madhya Pradesh ]	2005



# IMPORTANT BIRD SANCTUARY

1. ✓ Ghana Bird Sanctuary(Keoladeo)- Bharatpur(Rajasthan)
2. ✓ Vedanthangal Bird sanctuary-Tamilnadu ✓
3. ✓ Nilapati Bird Sanctuary- Nellore(Andhra Pradesh)
4. ✓ Dr. Salim Ali Bird Sanctuary- Chorao(Goa) ✓
5. ✓ Dr. Salim Ali Bird Sanctuary- Thattekkad(Kerala) ✓
6. ✓ Nal Sarovar bird Sanctuary- Gujarat ✓
7. ✓ Chilka Bird Sanctuary- Odisha ✓

Dr. Salim

# Wetlands

- Wetlands are those areas which are covered with water permanently or temporarily (for some month in a year) ✓
- Under this are included lakes, river, marshy land, wet grassland, deltas, estuaries, coastal areas, mangrove forest areas etc.



# Wetlands

1971

- In 1971 an important international convention was held in Iranian Town called RAMSAR to save wetland ecosystem.
- Based on the decision taken in that conference, wetlands of international importance are identified and listed so that they can preserved in natural form.
- In India there are 47 wetlands

✓  
Ramsar  
site  
47  
wetland

# Wetlands

# State

1. Chilka

largest  
lake / lagoon



Odisha

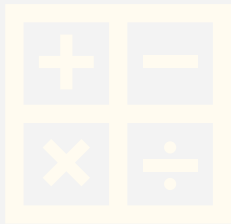
→  
Sea  
○  
○  
Ramsar  
site

2. Harike lake



Punjab

✓



Wetlands

State

3. Ropar



Punjab

4. Astamudi

Vembamad. lake



Kerala

Wetlands

State

5. Bhitarkanika



Odisha ✓✓

6. Sambal Lake



Rajasthan ✓✓



### Wetlands

### State

7. Loktak Lake

Manipur

*Floating lake  
one & only*

*✓  
Ramsar site*



8. Ullar Lake

Jammu and Kashmir





## Wetlands

## State

9. Kolleru Lake

Andhra Pradesh



10. Chander Tal

Himachal Pradesh



**Wetlands**

**State**

11. Vembanad Kol

Kerala



12. Tso Moriri

Ladakh



### RAMSAR SITES IN INDIA



<https://pcsstudies.com/ramsar-wetland-sites-in-india/>

Wetlands	State
13. <u>Keoladeo</u>	✓ Rajasthan
14. <u>Rudrasagar</u>	<u>Tripura</u>
15. Sunderban	West Bengal
16. East Kolkata Wetland	West Bengal



# WBCS BATCH 2022



**WBCS OFFLINE BATCH STARTS FORM**

**26<sup>TH</sup> FEBRUARY**

**TIMING - 1:30-5:30PM**

**BOOK YOUR SEAT NOW**

**9230141497/8017652045/6386903177/6291322109**

