



STATIC GK

Wetlands

Lecture No.- 01

By- RIYA RATHORE MA'AM



Recap of Previous Lecture



Topic

Wetlands



RAMSAR SITES OF INDIA

1981

An aerial photograph of Keoladeo National Park in India. The image shows a vast expanse of green land with numerous small, rectangular agricultural plots. A large body of water, likely Lake Pichola, is visible on the left, with several small islands or peninsulas extending into it. The sky is filled with large, white, billowing clouds.

It was designated as Ramsar site in 1981 with **Keoladeo National Park.**

आर्द्रभूमि क्या है (what is wetland)

Water + Soil = जलभूमि

- पानी में स्थित मौसमी या स्थायी पारिस्थितिक तंत्र जिनमें दलदल, नदियाँ, झीलें, डेल्टा, बाढ़ के मैदान, चावल के खेत, समुद्री क्षेत्र, तालाब और जलाशय आदि शामिल होते हैं / Seasonal Or Permanent Ecosystems Located In Water Which Include Marshes, Rivers, Lakes, Deltas, Flood Plains, Rice Fields, Sea Areas, Ponds And Reservoirs Etc.

RAMSAR SITES

A Ramsar site is a wetland area that has been recognized as internationally important.

1971

Ramsar Convention

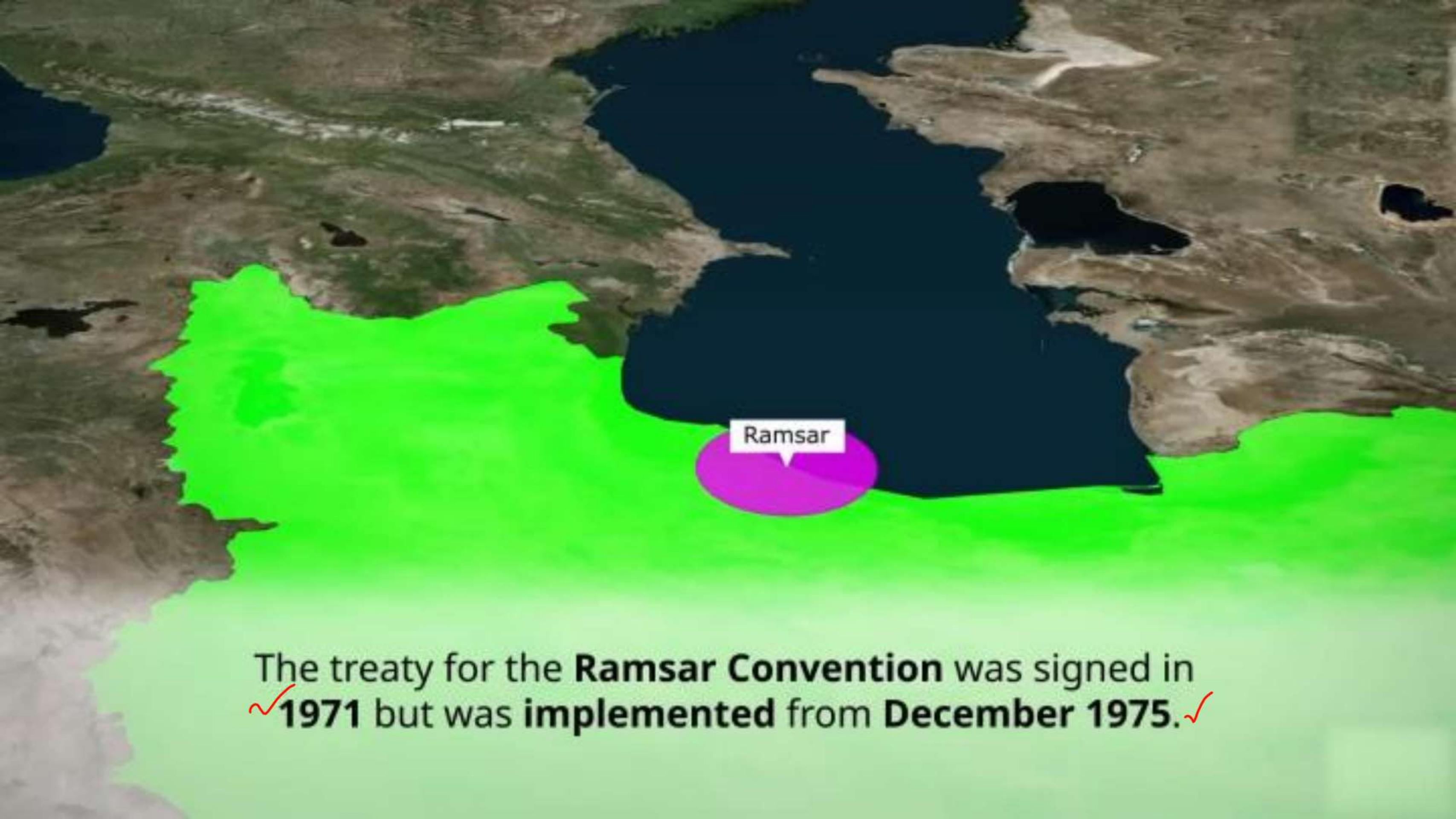
9 Feb 1971
↓ ↳ Iran — City = Ramsar
World Wetland Day
1999 2004
Qatar

2nd February 1971 ✓

Ramsar

A satellite map of the Middle East. A large green area highlights the coastal region of Iran, specifically the Caspian Sea and the northern Persian Gulf. Two specific locations are marked with red circles and labeled: 'Ramsar' in the northern part of the Caspian Sea and 'Iran' in the southern part of the Caspian Sea.

Iran



The treaty for the **Ramsar Convention** was signed in
1971 but was **implemented from December 1975.**

World ✓
Wetlands Day
2 February 2024



Wetlands and Human Wellbeing

1 February 1982

9 July 2024 (cT5)

↳ 82

Maximum No. of Ramsar Site

↳ Tamil Nadu = 16

UP = 10

From [1982 to 2013], a total of 26 Ramsar sites were created in India.



The background of the slide features a wide-angle photograph of a natural landscape. In the foreground, there is a body of water with some yellowish vegetation or algae. Beyond the water, there are rolling hills or mountains covered in green vegetation. The sky above is blue with scattered white clouds.

9

CERTAIN CRITERIAS

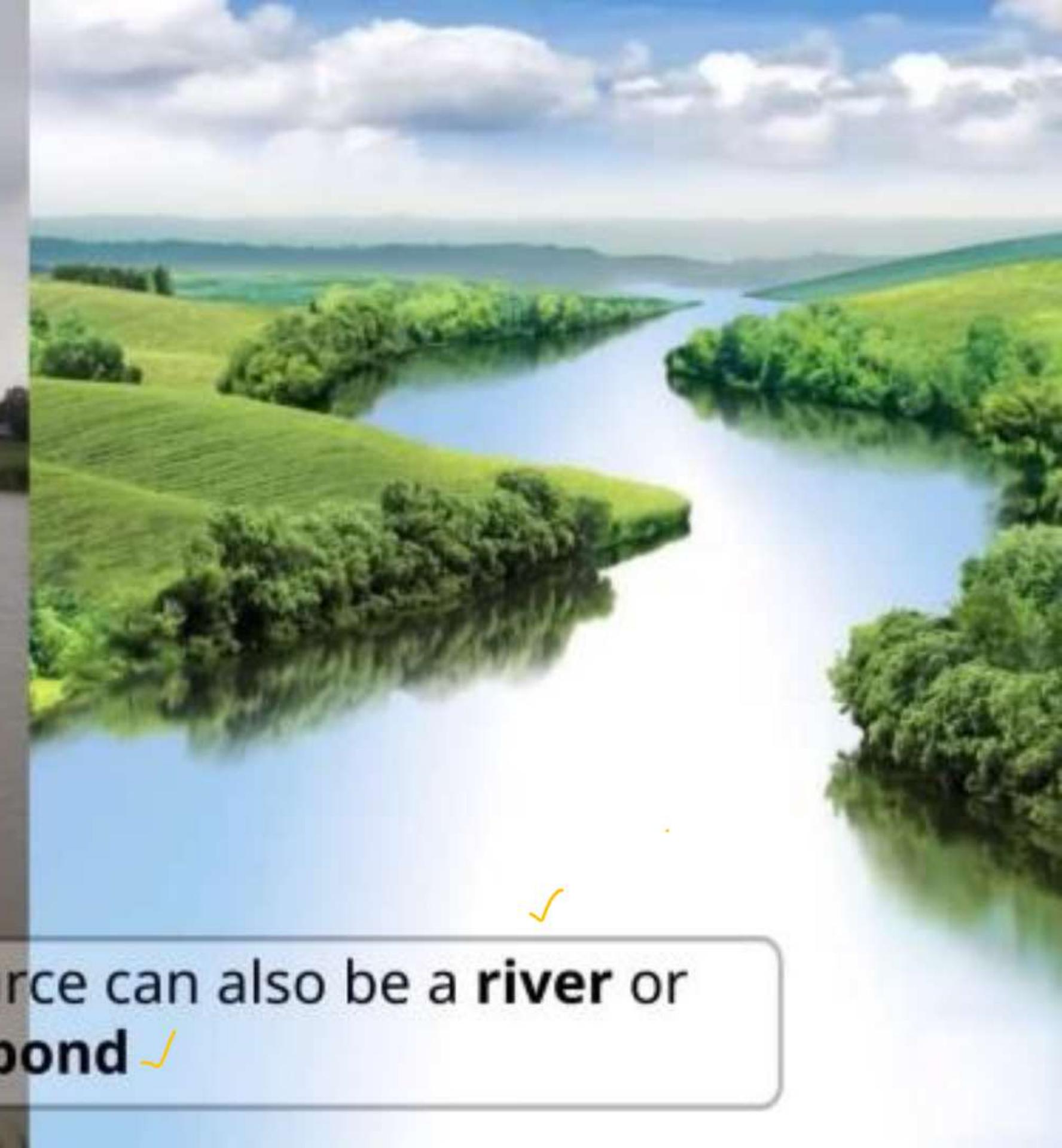
If a **wetland** fulfils any one of the **nine criterias** mentioned under the convention then it can be declared as **Ramsar sites**.



1. 東山



Groundwater



But sometimes this source can also be a **river** or
a pond ✓



Wetlands provide habitat to fishes, reptiles, birds and other creatures

ਨ੍ਹਰ ਜਿ ਸਥਾਨ ਕਿ

Ramsar site

ਲੁਧਿਆਣਾ
(ਵ.ਬ)

ਸਥਾਨ ਪ੍ਰਾਪਤ = 2055 (H.P)

| Dec 2023

75

Ramsar Site

Wetland / ਜਾਈਸ਼ਾਂ

/ Water + Soil

India ਜਿ Total Ramsar Site = 82

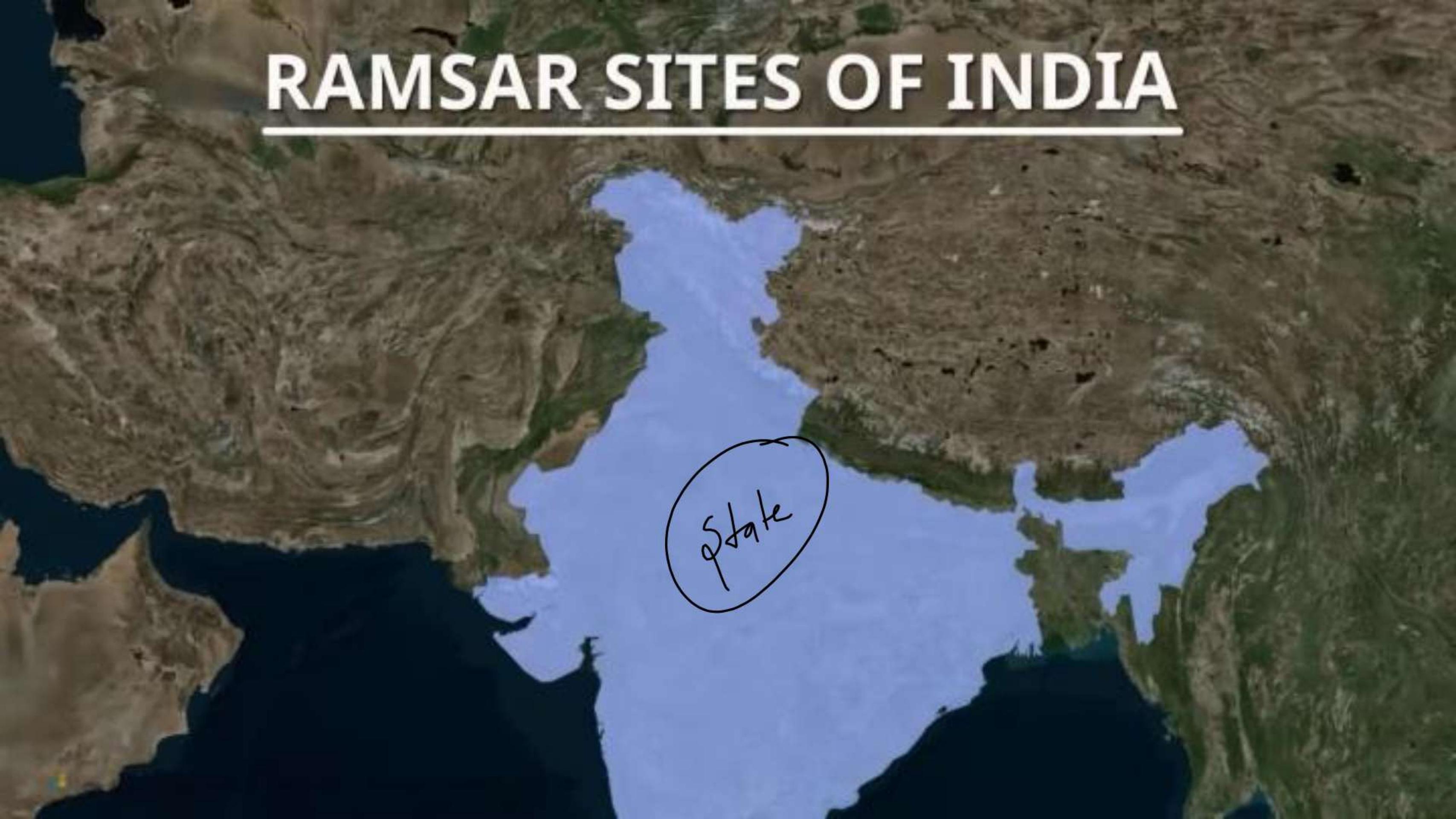
2024 - Adel
[Jan - July] = 7

Bihar
May - June
2024

5 - Jan Month

3 Karanatak
2 Tamil Nadu

RAMSAR SITES OF INDIA



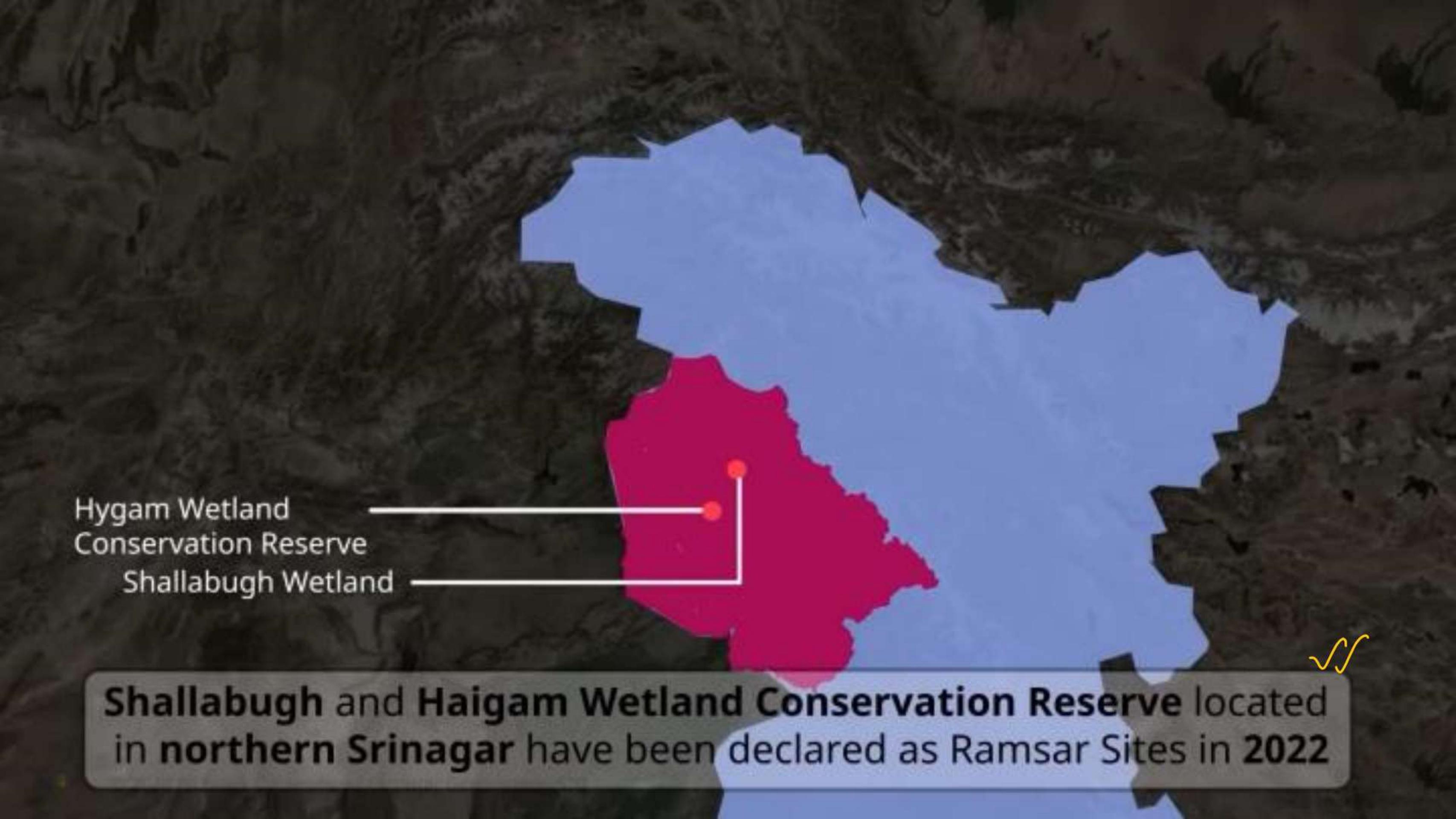
State

RAMSAR SITES OF INDIA



RAMSAR SITES OF INDIA





Hygam Wetland
Conservation Reserve

Shallabugh Wetland

Shallabugh and Haigam Wetland Conservation Reserve located in northern Srinagar have been declared as Ramsar Sites in 2022





TORTOISES



BIRDS

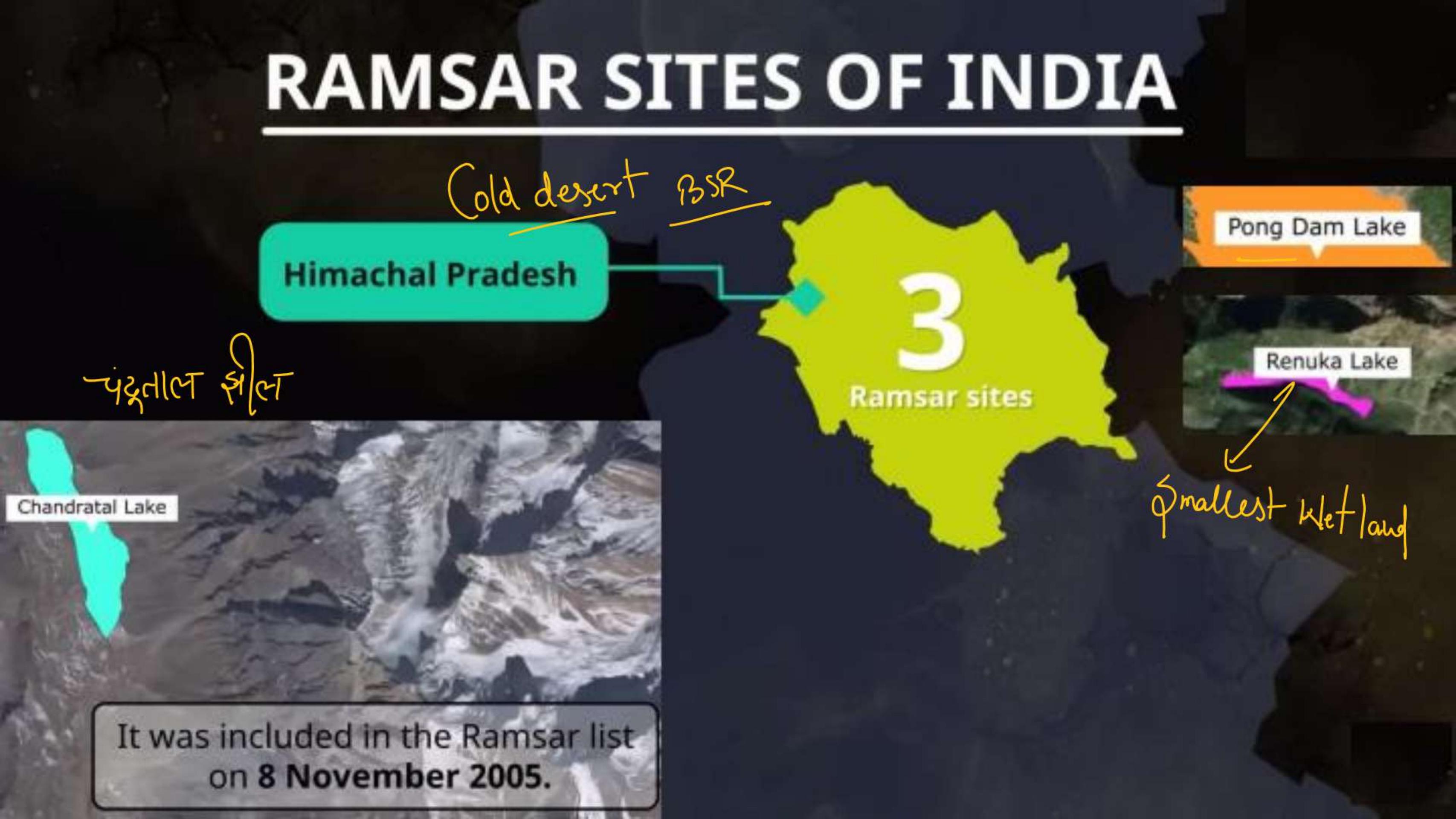


SNAKES



FISHES

RAMSAR SITES OF INDIA



RAMSAR SITES OF INDIA

Pong Dam Lake

2002

Renuka Lake

2005

RAMSAR SITES OF INDIA

Uttarakhand

Asan Conservation Reserve

MIFT Conservation

RAMSAR SITES OF INDIA

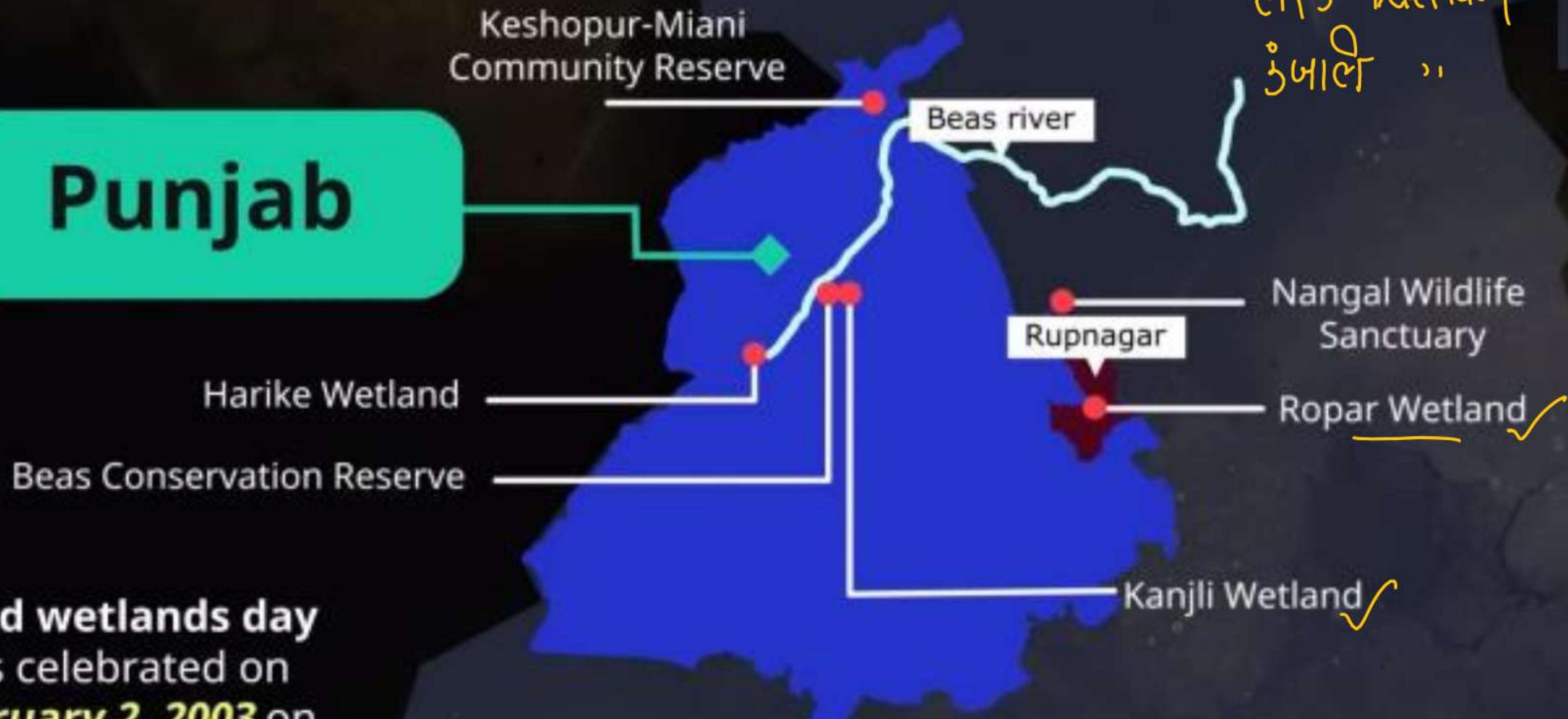
Punjab

6

Ramsar sites

RAMSAR SITES OF INDIA

Punjab



World wetlands day

was celebrated on

February 2, 2003 on

Harike wetland.

3 June 2009

ਪਿੰਡ ਅਤੇ ਜ਼ਿਲ੍ਹੇ



Bhindawas Wildlife
Sanctuary ✓

Bhindawas Wildlife Sanctuary
was declared a bird sanctuary
on 3 June 2009 and
added to the list of Ramsar sites
on 25 May 2021.



Jhajjar

The map shows a stylized outline of northern India in yellow and dark blue. Three locations are highlighted: Jhajjar is shown in purple with a white label; Gurgaon is shown in red with a white label; and Sultanpur National Park is shown in dark blue with a white label. A yellow wavy line points from the text "Sultanpur National Park" to the park's location.

Gurgaon

Sultanpur
National Park

10 March 1982

RAJASTHAN

Keoladeo
National Park
(Bharatpur Bird Sanctuary)

10 March 1982

RAJASTHAN

It is one of the first two sites from India, designated as the Ramsar sites

Sambhar Salt Lake



Keoladeo
National Park

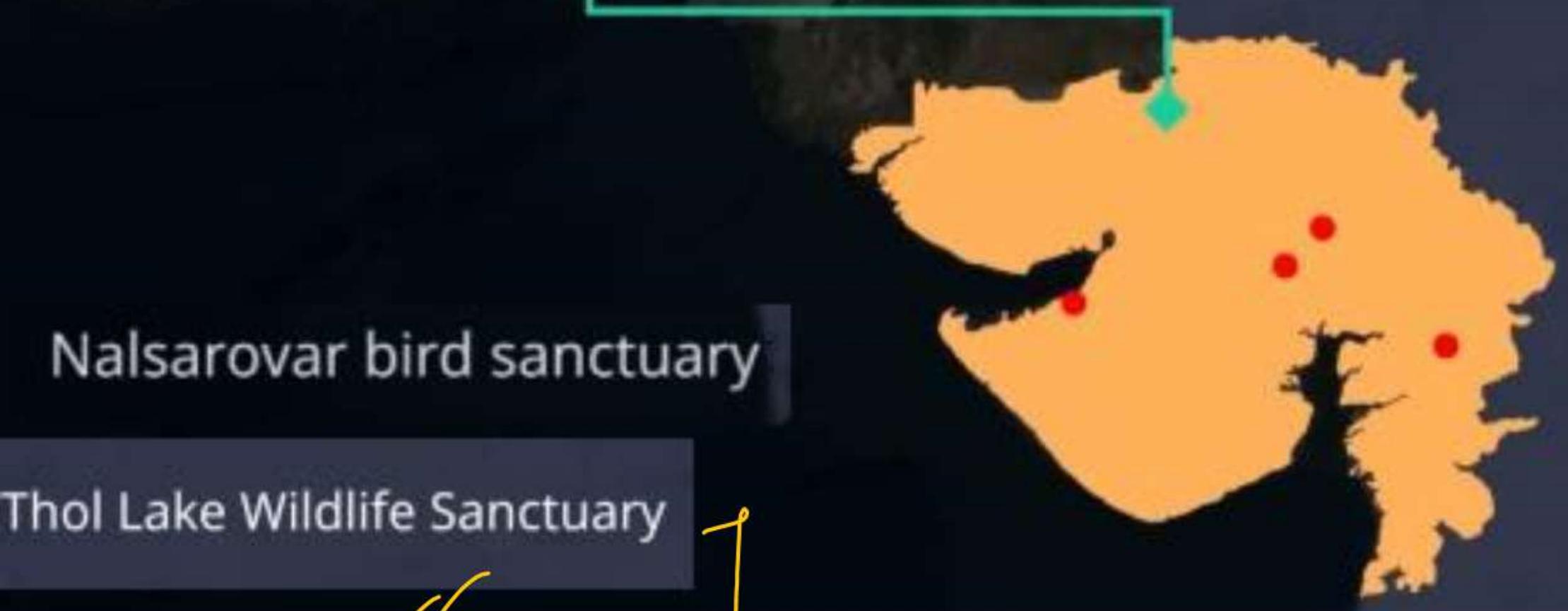
(Bharatpur Bird Sanctuary)

A wide-angle photograph showing a massive gathering of grey cranes on a sandy beach. In the foreground, two white swans with long necks and yellow bills stand on the left, facing right. Two small yellow checkmarks are placed near their heads. The background shows a calm sea meeting a hazy sky.

North Asia Migratory Birds

Raj-Hans

Gujarat



Nalsarovar bird sanctuary

Thol Lake Wildlife Sanctuary

Khijadiya Bird sanctuary

Wadhwana Bird Sanctuary

ગુજરાત + ગુજરાત

ગુજરાત

ગુજરાત ગ-યન્ન ગ-

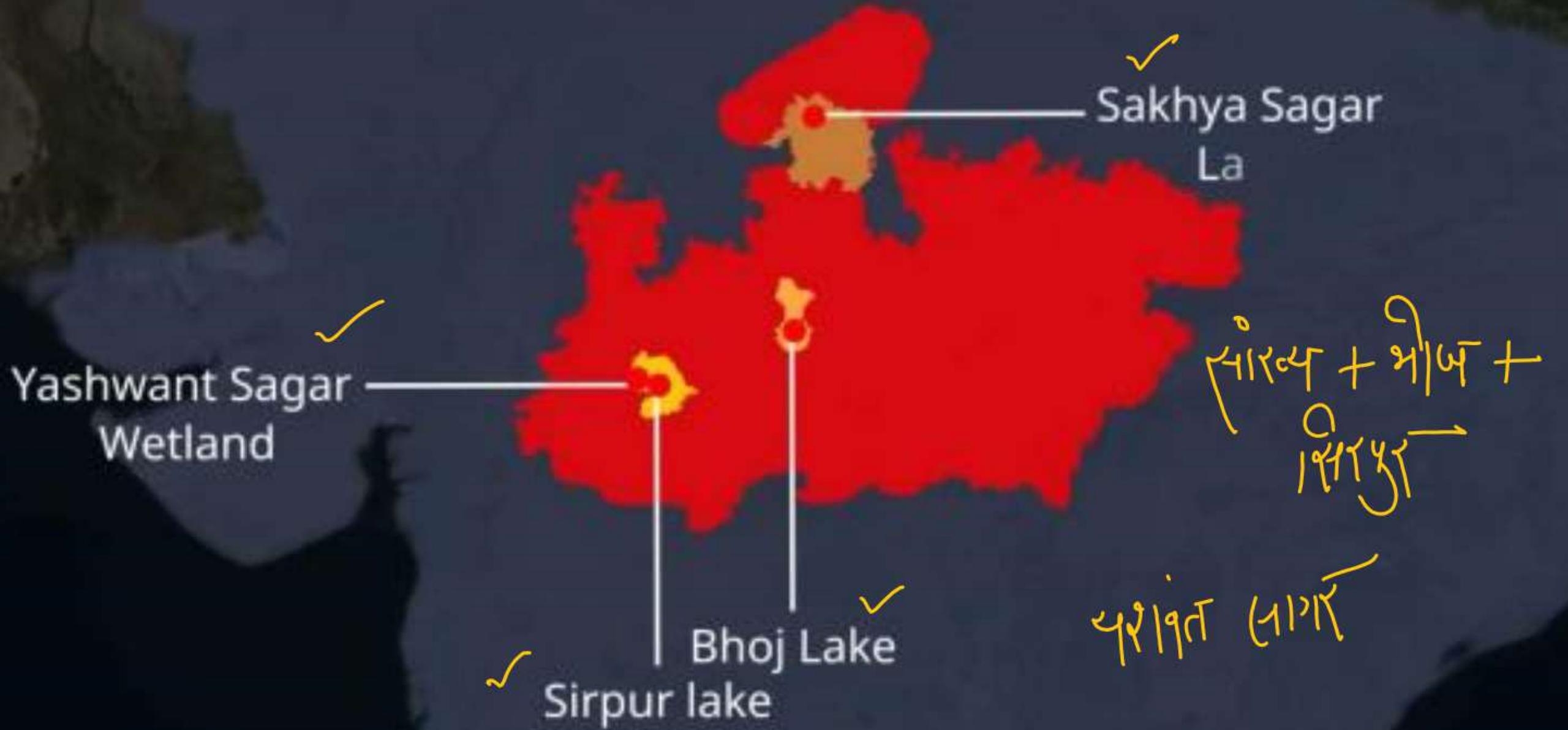
ગુજરાત

ગુજરાત

MADHYA PRADESH



MP



RAMSAR SITES OF INDIA

MAHARASHTRA



Nashik

Lonar

Lonar Lake

Thane Creek

भीर ले
के

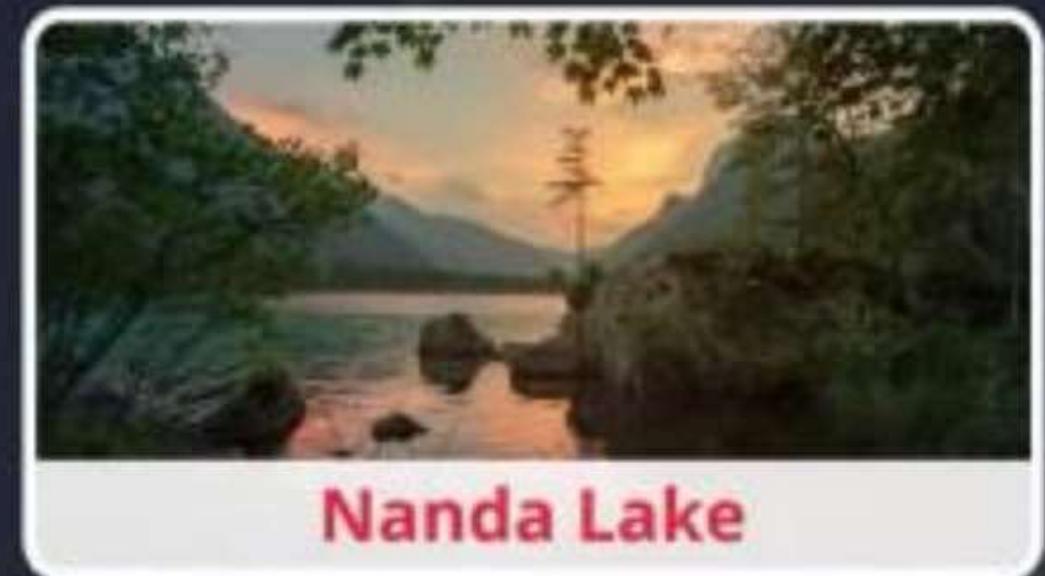


Nandur Madhyameshwar Bird Sanctuary



Lonar Crater

RAMSAR SITES OF INDIA



Nanda Lake

Nanda lake in Cacora, Goa has become the first Ramsar Site in Goa on June 8, 2022

JAN 2024
15 New Ramsar Site
3 Karnataka 2 Tamil Nadu

RAMSAR SITES OF INDIA

KARNATAKA

Ankasamudra Bird Conservation Reserve

Aghanashini Estuary

Magadi Kere Conservation Reserve

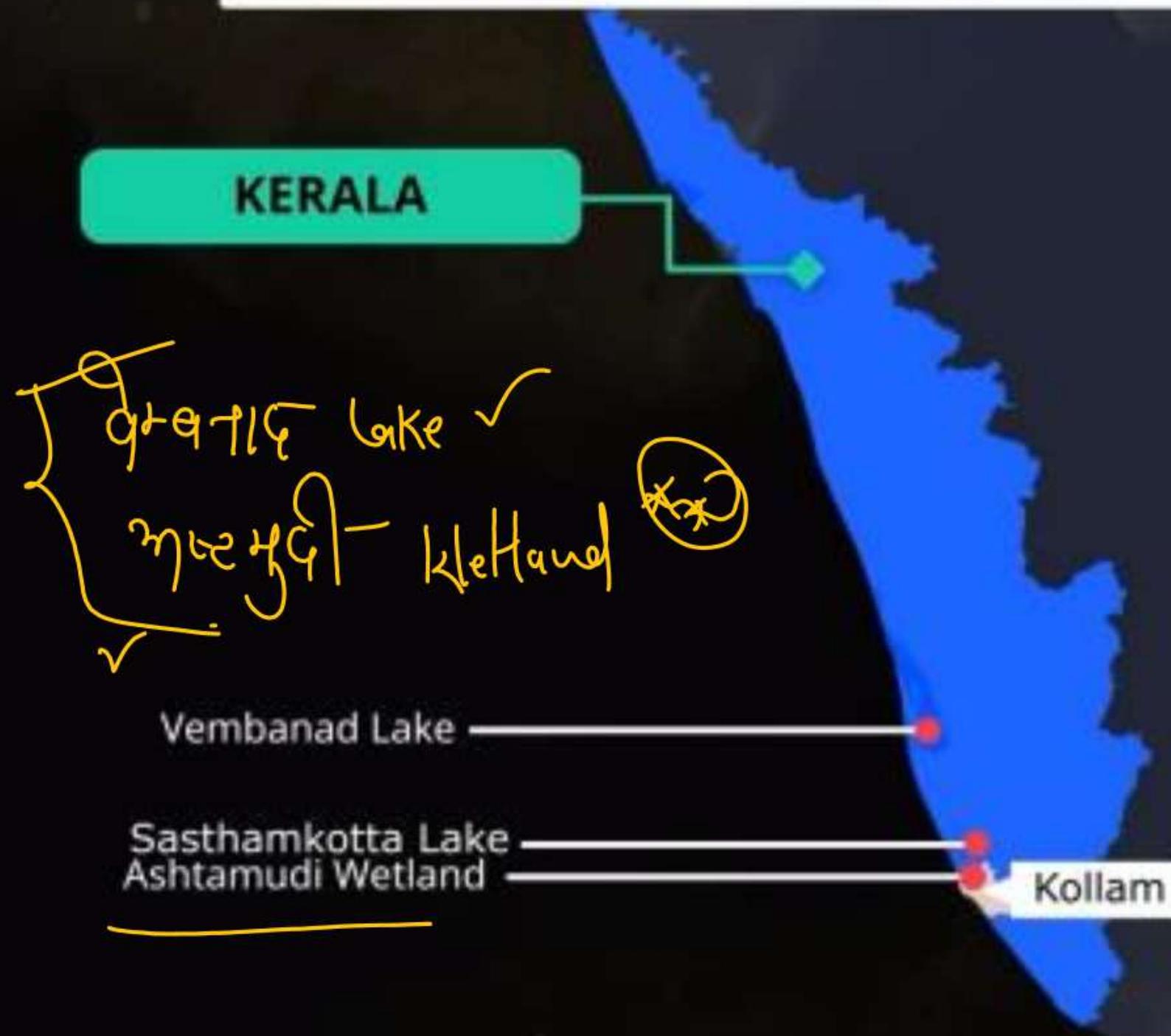
Ranganathittu Bird Sanctuary



Ranganathittu Bird Sanctuary

The Ranganathittu bird sanctuary in Srirangapatna, Karnataka, is the only Ramsar site in the state

RAMSAR SITES OF INDIA



Vembanad Lake is the longest lake in India, designated as **Ramsar site since 2002**

RAMSAR SITES OF INDIA

TAMIL NADU

Tamil Nadu has the highest number of Ramsar Sites in India

16

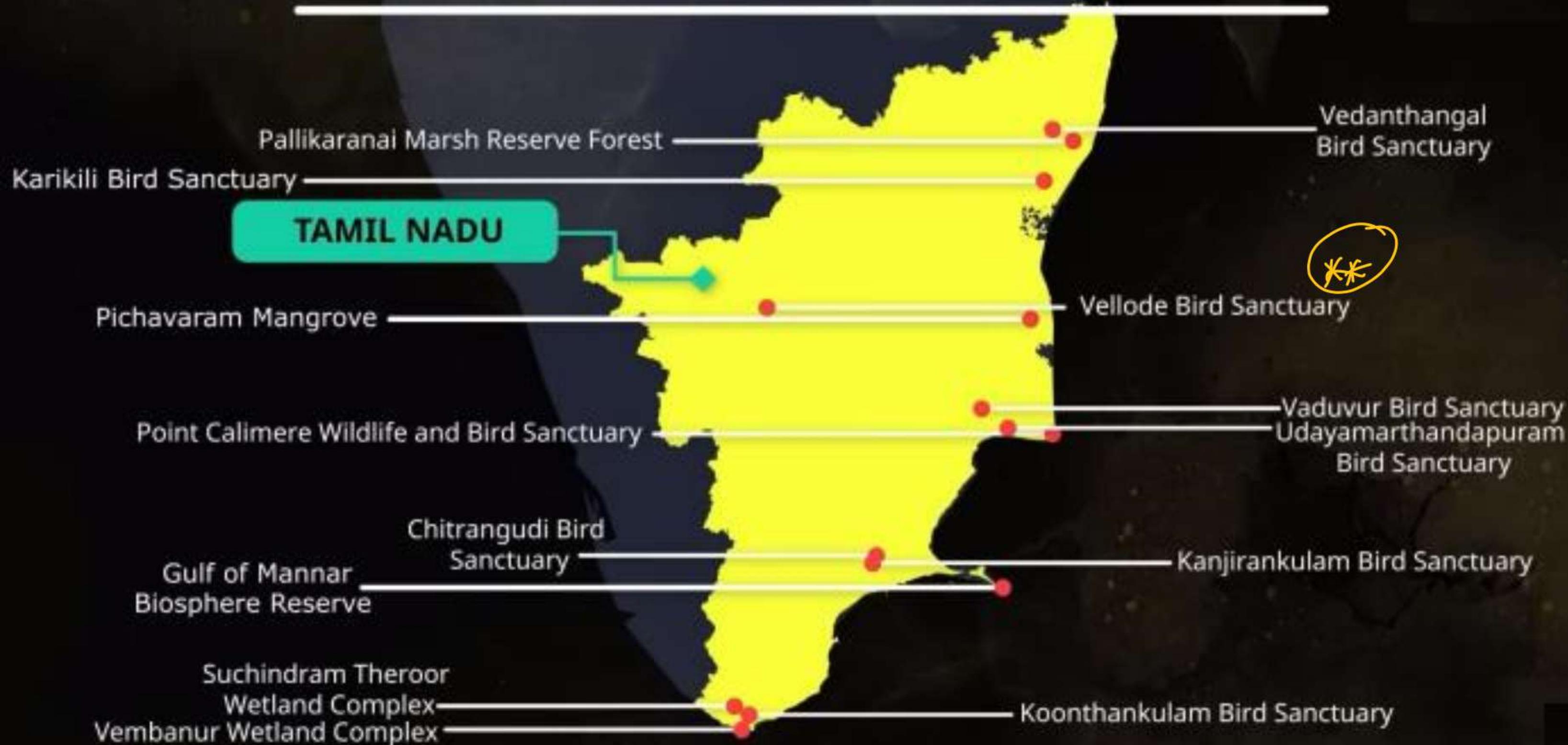


Karaivetti Bird Sanctuary



Longwood Shola Reserve Forest

RAMSAR SITES OF INDIA



RAMSAR SITES OF INDIA

ANDHRA PRADESH

Kolleru lake located between
the **delta of Krishna** and
Godavari is the only Ramsar
site in Andhra Pradesh



Kolleru Lake

కొల్లరు లేక ✓

RAMSAR SITES OF INDIA



✓ ଜୟେଷ୍ଠା ମୁଖୀ
ପିଣ୍ଡିରୀ

RAMSAR SITES OF INDIA

WEST BENGAL

Largest BSN ?
Ranu of Kutch

East Kolkata Wetlands

Sundarban Wetlands ✓

↳ Largest Ramsar Site
In India

1987



Sundarban was declared as a **World Heritage Site** in 1987
and it was designated as one of the **Ramsar Sites** in 2019.

RAMSAR SITES OF INDIA

BIHAR



Kanwar Taal or Kabar Taal Lake.

Begusarai



Kanwar Taal / Kabar Taal Lake.

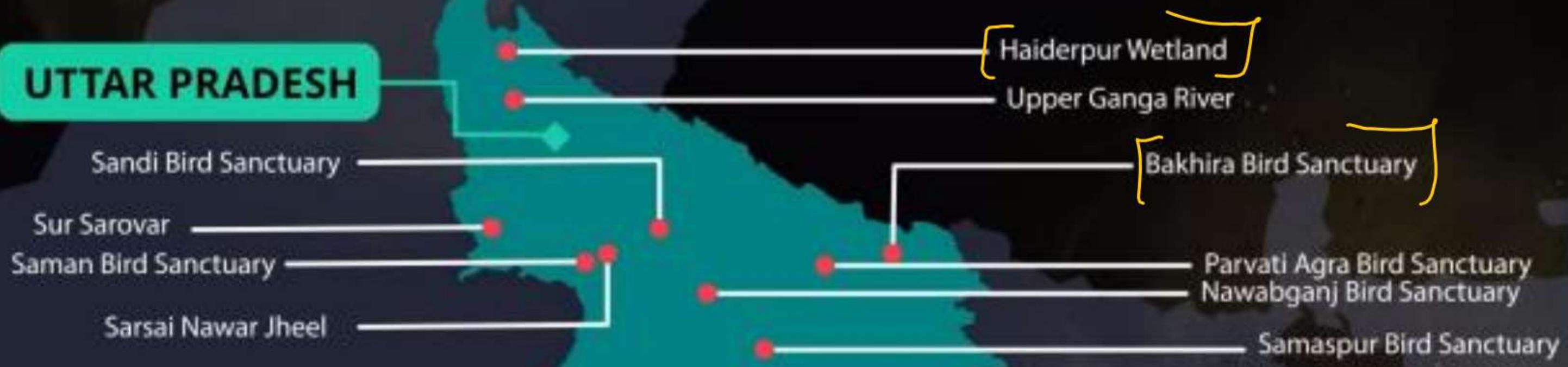
କାନ୍ଵର ତାଳ / କାବର ତାଳ

BIHAR'S NAGI & NAKTI BIRD SANCTUARIES TAKES ✓ INDIA'S RAMSAR SITE TO 82



RAMSAR SITES OF INDIA

UTTAR PRADESH



रामसर + उत्तर प्रदेश
Wetland

RAMSAR SITES OF INDIA

Guwahati
Deepor Beel → Kamrup Metropolitan

ASSAM
Deepor Beel
Wetland

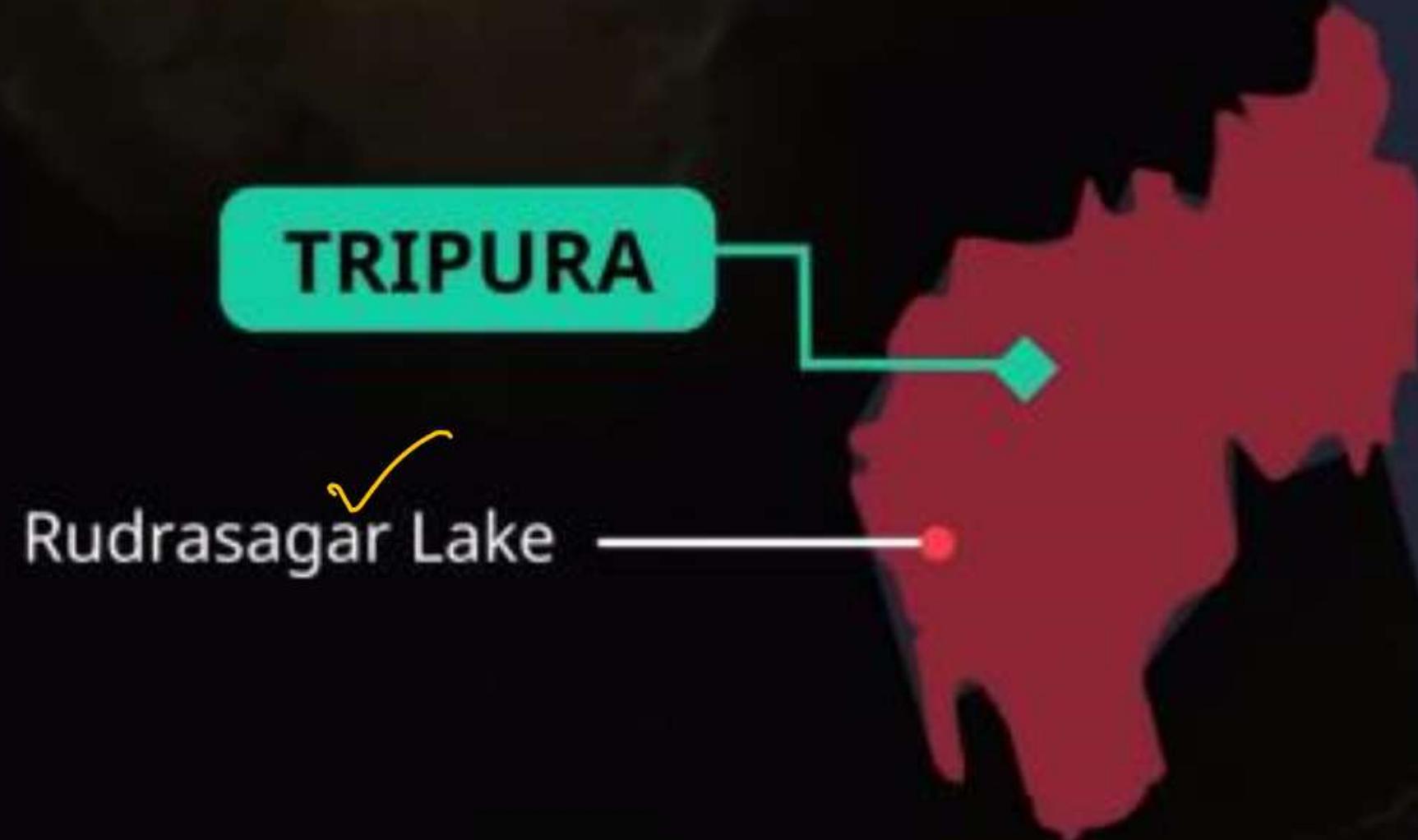
Deepor Beel, Assam's only Ramsar Site, is a permanent freshwater lake, in a former channel of the Brahmaputra River, to the south of the main river

RAMSAR SITES OF INDIA



Keibul Lamjao National Park, the world's only floating national park, is also located on the Loktak Lake

RAMSAR SITES OF INDIA



Rudrasagar Lake is the only Ramsar site in Tripura

RAMSAR SITES OF INDIA



Pala wetland, the Ramsar site located in **Mizoram**, provides excellent habitat for many herbivores such as **sambar deer, wild pig and barking deer**

Ramsar sites in India in Hindi -

14 अगस्त 2021/ 14 August 2021

ગુજરાત

- { 1. થોલ ઝીલ વન્યજીવ અભ્યારણ/ Thol Lake Wildlife Sanctuary
2. વાધવાના ઝીલ/ Wadhwana Lake

હસ્પિટાઈ

- { 3. સુલ્તાનપુર રાષ્ટ્રીય ઉદ્યાન/ Sultanpur National Park
4. ભિંડાવાસ વન્યજીવ અભ્યારણ/ Sultanpur National Park

- 10 दिसंबर 2021 को उत्तर प्रदेश के पश्चिम में स्थित हैदरपुर वेटलैंड को भारत का 47 वां रामसर साइट घोषित किया गया / On 10 December 2021, Haiderpur Wetland, located in the west of Uttar Pradesh, was declared the 47th Ramsar site of India



- World Wetlands Day 2022

૭૨ Feb ૨૦૨૨

- ગુજરાત - ખિજડિયા વન્યજીવ અભયારણ્ય
 - ઉત્તર પ્રદેશ - બખિરા વન્યજીવ અભયારણ્ય
-
- Gujarat - Khijadia Wildlife Sanctuary
 - Uttar Pradesh - Bakhira Wildlife Sanctuary



2 mins Summary



Topic

One

Inbet land

Ransom Site

Topic

Two

Topic

Three

Topic

Four

Topic

Five



THANK - YOU