

Daily Current Affairs

 Date : 14 November, 2025



Index

Sr. No.	Topic
1.	Chambal Sanctuary: Gharial Hotspot
2.	NAPCON (NAPCON-2025)
3.	State-Level Inauguration Ceremony of the Watershed Festival
4.	Anganwadi Olympic Games-2025
5.	Saturation Campaign: Rajasthan Ranks Second
6.	News in Shorts 1. Skillfest-2025 2. Former Rajasthan Education Minister Dr. Ratanlal Jat Passes Away 3. National Agriculture and Animal Husbandry Entrepreneurship Workshop
7.	Ricin
8.	India-Botswana Cheetah Translocation Treaty
9.	Climate Risk Index, 2026
10.	DNA Profiling
11.	Export Promotion Mission
12.	Hydrogen Valley Innovation Clusters (HVICs)
13.	Digital Gold
14.	Global Cooling Watch 2025 Report
15.	State of the Cryosphere Report 2025
16.	VINBAX Exercise

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RAJASTHAN



Chambal Sanctuary: Gharial Hotspot



Why in News?

- The Chambal Gharial Sanctuary, straddling the borders of Rajasthan, Madhya Pradesh, and Uttar Pradesh, is being developed as a "gharial hotspot."
- Recently, the State Minister of Forest and Environment released 10 5-month-old gharial hatchlings into the Chambal River to conserve and protect gharials at Palighat, the National Chambal Gharial Sanctuary located in Khandar, Sawai Madhopur district, and to develop the Chambal Sanctuary as a "gharial hotspot."



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Key Points:

- The scientific approach to conservation work implemented at Palighat will be expanded to Dholpur and other Chambal riverside areas.
- Under the Gharial Rearing Fast Track – Head Starting Program, the rehabilitation process has been initiated by releasing 10 five-month-old gharial hatchlings into their natural habitat, the Chambal River.
- This is the first such gharial conservation initiative in the country.
- Efforts are underway to develop the Gharial Sanctuary as a new tourist destination, developing the Palighat and Chambal banks as an "eco-tourism zone."

Other important points:

National Chambal Sanctuary:

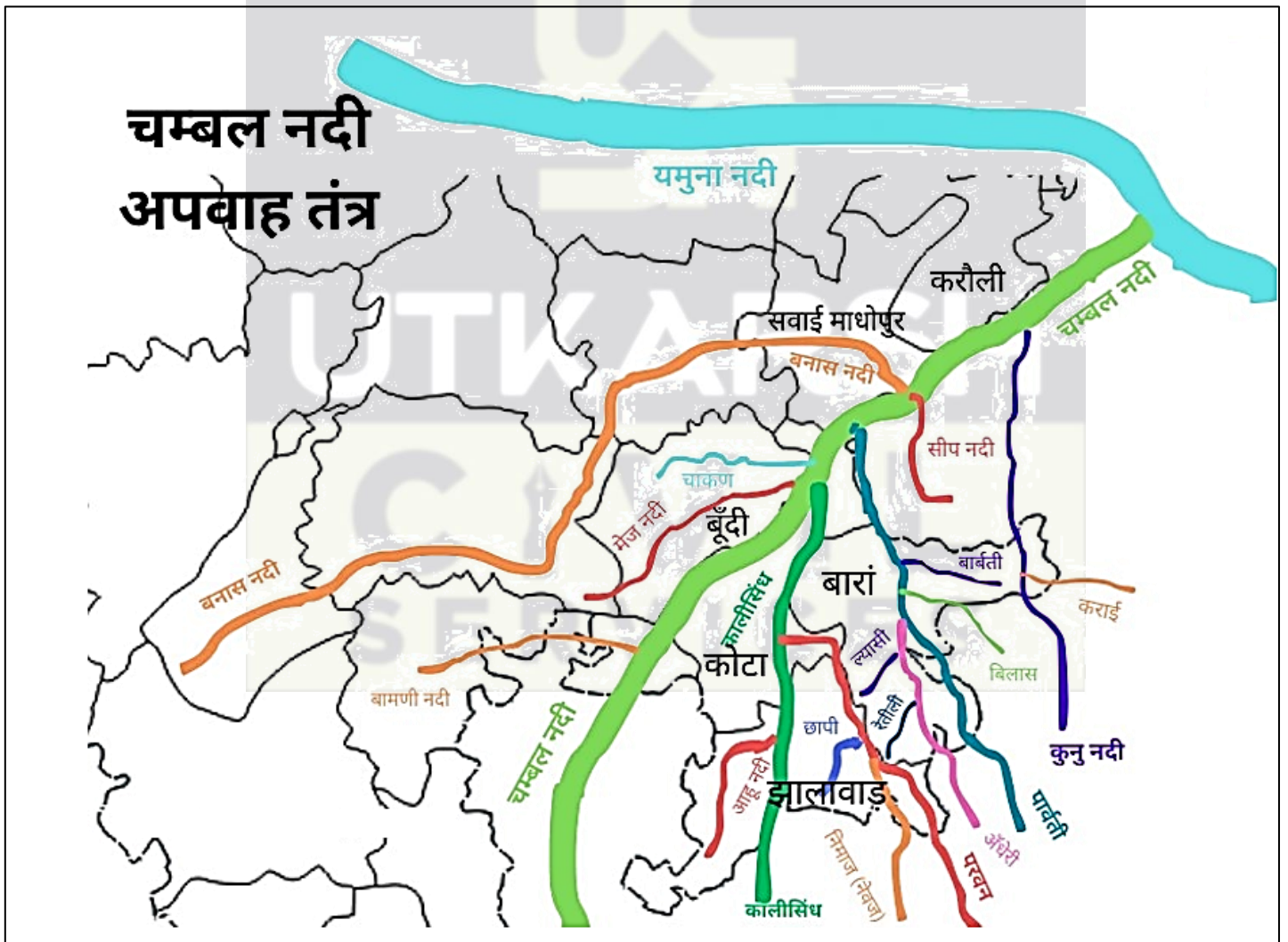
- **Established:** In the year 1979, in the Chambal River.
- The National Chambal Sanctuary is listed as an Important Bird Area (IBA) and is a proposed Ramsar site.
- **Location:** It is located at the tri-junction of the three states of Madhya Pradesh, Uttar Pradesh, and Rajasthan.
- The sanctuary's primary objective is to conserve the critically endangered gharial, red-crowned turtle, and endangered Gangetic dolphin.
- The Chambal is home to the largest population of gharials.
- **Vegetation:** Dry deciduous forest ecosystem.

Other fauna:

- Other endangered animals, such as the mugger crocodile, smooth-haired otter, striped hyena, and Indian wolf, are also found here.

- The Chambal River supports eight of the 26 rare species of the turtle family, such as the Indian narrow-headed soft-shell turtle, the three-striped roofed turtle, and the crowned river turtle.
- Mammals also seen here include the sambar deer, nilgai (blue bull), Indian antelope, rhesus monkey, langur, Indian grey and small Asian mongoose, and Bengal fox.

Chambal River System:



NAPCON (NAPCON-2025)



Why in News?

- The 27th conference on respiratory diseases, "NAPCON," was held on November 13, 2025, at the Birla Auditorium, Jaipur.



Key Points:

- **Theme:** "Era of Pulmonary Revolution: Back to Pink."
- Inaugurated by the Governor.
- The Governor released the "NAPCON" souvenir.

Objectives:

- To increase public awareness about respiratory/lung diseases.
- To improve the diagnosis and treatment of respiratory diseases.
- To train young doctors in the latest technologies.
- To share measures to control the increasing lung diseases caused by environmental pollution.
- To raise awareness about diseases caused by smoking, tobacco, and pollution.
- Developing better diagnostic systems using AI (Artificial Intelligence).

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State-Level Inauguration Ceremony of the Watershed Festival



Why in News?

- On November 13, 2025, the state-level Watershed Festival was held in Undwa village of Khairabad Panchayat Samiti in Kota district.



कोटा

उण्डवा में राज्य स्तरीय
वाटरशेड महोत्सव एवं मिशन
जल ग्रहण पुनरुत्थान कार्यक्रम
का शुभारंभ

विलायती बबूल हटाओ-चरागाह बचाओ अभियान
में जूलीफ्लोरा को समूल नष्ट करेंगे
-शिक्षा मंत्री



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Key Points:

- **Campaign Duration:** From November 4 to December 16, 2025, a public awareness campaign will be conducted across the state under Mission Watershed Rejuvenation.
- **Awards Distribution:** On this occasion, the Government of India distributed cheques carrying prize money of ₹20 lakh each to 15 projects that have achieved outstanding work in the field of watershed development. Panchayat committees from Udaipur, Rajsamand, Phalodi, Bikaner, Bharatpur, Alwar, Jhalawar, and Jhunjhunu districts were honored.
- **Foundation Stone Laying:** On this occasion, the foundation stone was laid for the construction of anicuts and check dams in Lakshmipura, Devalikhurd, Undwa, and Village Bandha at a cost of ₹17.50 lakh under the Pradhan Mantri Krishi Sinchai Yojana-2.0.

Objectives

- Raising groundwater levels.
- Rainwater harvesting.
- Preventing soil erosion.
- Revival of rivers/ponds/traditional water sources.
- Increasing greenery through tree plantation.
- **Remove the Prosopis Acacia – Save Pastures Campaign:** Under this campaign, the prosopis acacia called Juliflora will be completely eradicated. This plant has destroyed more than 500 native plants and absorbs approximately 30 liters of water daily, rapidly depleting the groundwater level. The toxic gases emitted by this plant cause diseases and render the soil infertile.

Daily Current Affairs

 Date : 14 November, 2025



- **Patli River Revival Campaign:** As part of the water resources revival campaign, the age-old Patli River in the Ramganj Mandi area has been revived, irrigating more than 50,000 acres of land.
- **Seed Bank:** Rajasthan is the first state in the country to establish seed banks for the conservation of native flora. On this occasion, he also launched a mobile seed bank module, through which plant seed banks will be regularly monitored.
- The state government has provided Rs. 1 lakh per month to each Gram Panchayat for maintaining cleanliness, and up to Rs. 5 lakh to Panchayats with higher populations.
- Under the Pradhan Mantri Krishi Sinchai Yojana-2.0, projects worth Rs. 2,000 crore have been approved across the country to convert non-agricultural land into agricultural land and improve declining groundwater levels. This includes a Rs. 11 crore project for the Khairabad Panchayat Samiti. Work is ongoing on 159 projects in the state.
- Four winners who make excellent reels related to watershed development on social media will be awarded Rs 50,000 each and 100 selected photographs will be awarded Rs 1,000 each.

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Anganwadi Olympic Games-2025



Why in News?

- On November 13, 2025, the three-day Anganwadi Olympic Games-2025 was launched at all Anganwadi centers across the state with the aim of promoting the physical and mental development of children through early childhood care and education.



Key Points:

- **Venue:** All Anganwadi centers across the state.
- **Start:** November 13, 2025
- **Objective:** To promote the physical and mental development of children through early childhood care and education.
- **Theme of the Games in 2025:** "Learn through Play"
- **Start of the Games:** 2023
- **Participants:** Approximately 1.2 million registered children at 63,000 Anganwadi centers across the state.
- **Types of Games:** Children played frog race, musical chair and spoon race etc., which also included local and traditional games.

Saturation Campaign: Rajasthan Ranks Second



Why in News?

- Rajasthan ranked second in the country in the Ministry of Finance's Saturation Campaign, linking 12.8 million beneficiaries to financial inclusion and social security schemes and organizing camps in 11,232 Gram Panchayats.

देशव्यापी संतृप्ति अभियान

वित्तीय समावेशन और सामाजिक सुरक्षा योजनाओं में राजस्थान देश में दूसरे स्थान पर

प्रधानमंत्री जन धन योजना में 6,32,472 नए खाते खोले

अटल पेंशन योजना में कुल 1,73,716 लाभार्थी जोड़े

प्रधानमंत्री जीवन ज्योति बीमा योजना में 8,43,870 और प्रधानमंत्री सुरक्षा बीमा योजना में 17,75,975 लोगों का नामांकन किया

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Daily Current Affairs

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Key Points:

Top Performing States:

Rank	States
1st	Uttar Pradesh
2nd	Rajasthan
3rd	Maharashtra
4th	Bihar
5th	Andhra Pradesh

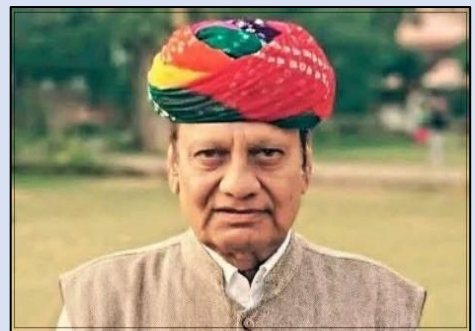
Saturation Campaign:

- **Duration:** July 1 to October 31, 2025
- **Objective:** To expand the reach of flagship schemes such as the Pradhan Mantri Jan Dhan Yojana (PMJDY), Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY), Pradhan Mantri Suraksha Bima Yojana (PMSBY), and Atal Pension Yojana (APY).
- Achieve comprehensive coverage in all Gram Panchayats (GPs) and Urban Local Bodies (ULBs).
- **Ministry:** Ministry of Finance

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✂ NEWS IN SHORTS ⚡

S. No.	News
1.	Skillfest-2025 ■ A three-day "Skillfest-2025" student art exhibition is being organized at the Government Women's Polytechnic College in Gandhi Nagar from November 14 to 16, 2025. ■ Inauguration: On November 14, 2025, by Deputy Chief Minister and Higher and Technical Education Minister Dr. Premchand Bairwa.
2.	Former Rajasthan Education Minister Dr. Ratanlal Jat Passes Away ■ Bhilwara/Raipur: Former Rajasthan Education Minister Dr. Ratanlal Jat (77) has passed away. ■ In 1990, Dr. Ratanlal Jat contested and won his first election from the Sahada Assembly constituency in Bhilwara district on a Janata Dal ticket. ■ Dr. Ratanlal served as a member of the 9th and 11th Rajasthan Legislative Assemblies from 1990-92 and 1998-03. ■ Served as Minister of State (Independent Charge) for the Department of Women and Child Development from 1990-92, Minister of State for the Department of College and University Education, and Minister of State for the Department of Technical Education in the Bhairon Singh Shekhawat government in 1992. ■ Chairman of the State Seed Corporation from 2005 to 2008.



3.

National Agriculture and Animal Husbandry Entrepreneurship Workshop



- Memorandums of Understanding (LOIs) were signed between Rajasthan Rural Livelihoods Development Council (Rajivikas) SHG enterprises and leading companies at the National Agriculture and Animal Husbandry Entrepreneurship Workshop and Buyer-Seller Meet 2025.
- **Objective of the workshop:** Strengthen value chain integration for women-led rural enterprises and encourage sustainable procurement partnerships under DAY-NRLM.



Ricin



Why in News?

- The Gujarat Anti-Terrorist Squad (ATS) has uncovered a suspected attempt to extract and use ricin, a highly lethal biological toxin, with the arrest of three individuals linked to a cross-border militant network.



Key Points:

Ricin

- Ricin is a protein found naturally in castor seeds. Additionally, it can be produced from castor seed waste also.
- Just 1 mg of the toxin mixed in food can kill an adult. There is no antidote or specific treatment for ricin poisoning.
- It penetrates into a person's body cells and prevents them from producing the proteins they need.



INTERNATIONAL



India-Botswana Cheetah Translocation Treaty



Why in News?

- India and Botswana have formally announced the translocation of eight cheetahs to India as part of Project Cheetah.



Key Points:

- India declared the cheetah extinct in 1952.
- The launch of Project Cheetah in 2022 and the arrival of cheetahs from Namibia and South Africa constituted the world's first intercontinental relocation program for large carnivores.



ENVIRONMENT & ECOLOGY



Climate Risk Index, 2026



Why in News?

- Germanwatch released the Climate Risk Index (CRI) 2026.



Key Points:

- This index ranks countries based on the human and economic losses caused by extreme weather events. It reveals the urgent need for stronger climate resilience.
- **Origin:** It was introduced in 2006 as an annual global climate impact index.

SCIENCE & TECHNOLOGY

DNA Profiling



Why in News?

- Investigators are using DNA profiling to identify a suspect in the recent deadly car bombing outside the Red Fort in New Delhi.



Key Points:

DNA Profiling

- DNA Profiling is a group of molecular techniques used to identify individuals based on unique genetic markers.
- In explosions, fires, or large-scale disasters where bodies cannot be identified, it is the most reliable method of identification.

Principles of DNA Profiling

- Short tandem repeats (STRs) are the most widely used markers.
- Each individual has a unique STR pattern. Children inherit 50% of STR markers from each parent.
- Matching the mother's STR profile with that of an unidentified body can confirm identity with high accuracy.

If nuclear DNA is too degraded:

- mtDNA is used because it survives even under extreme conditions.
- It is inherited only from the mother.
- It is important for confirming maternal lineage, although it cannot uniquely identify individuals.

Techniques of DNA Profiling

- **Polymerase chain reaction (PCR):** This allows the amplification of short or fragmented DNA, and enables the analysis of STR loci.
- **Capillary electrophoresis:** This separates DNA fragments by size to create STR profiles, and produces electropherograms used in identification.
- **Next-generation sequencing (NGS):** This provides sequence-level variation of STRs and SNPs, and enables deeper resolution of genealogical mapping and complex forensic cases.



SCHEMES



Export Promotion Mission (EPM)



Why in News?

- Amid pressure on merchandise exports due to high tariffs of up to 50% in the US, the Union Cabinet has approved a six-year Export Promotion Mission with an outlay of ₹25,060 crore.



Key Points:

Export Promotion Mission

- The Finance Minister has announced the Export Promotion Mission in the Union Budget 2025-26.
- It will provide easier access to export credit, cross-border factoring assistance, and support to MSMEs to overcome non-tariff measures in overseas markets.
- **Concerned Ministry:** Jointly operated by the Ministry of Commerce and Industry, the Ministry of Micro, Small and Medium Enterprises, and the Ministry of Finance.
- Under the EPM, priority assistance will be provided to sectors affected by the recent global tariff hike, such as textiles, leather, gems and jewellery, engineering goods, and marine products.
- The Directorate General of Foreign Trade (DGFT) will act as the implementing agency, handling all processes from application to disbursement.

Hydrogen Valley Innovation Clusters (HVICs)



Why in News?

- The Union Minister of Science and Technology has announced that four HVICs are being developed across the country. These will showcase the entire green hydrogen value chain.



Key Points:

- **Objective:** To showcase the entire hydrogen value chain (production, storage, transportation, and utilization) and India's first large-scale hydrogen demonstration projects.
- It is integrated under the National Green Hydrogen Mission.
- The National Green Hydrogen Mission is an umbrella program launched in 2023 to create a green hydrogen ecosystem.
- Its goal is to achieve a green hydrogen production capacity of 5 million metric tons by 2030.



ECONOMIC SCENARIO



Digital Gold



Why in News?

- The Securities and Exchange Board of India (SEBI) has issued a public advisory regarding digital gold. SEBI has warned investors against investing in 'digital gold' or 'e-gold' products offered through various online platforms. SEBI has clarified that such products do not fall under SEBI's regulatory framework.



Key Points:

- Digital gold refers to the purchase of gold without physically possessing it. The value of digital gold is linked to the value of physical gold.
- Digital gold is created using blockchain technology. It allows investors to buy, sell, and store gold digitally.
- These products are neither notified as securities nor regulated as commodity derivatives.



INDEXES AND REPORTS



Global Cooling Watch 2025 Report



Why in News?

- The United Nations Environment Programme (UNEP)'s Cool Coalition has published the Global Cooling Watch 2025 Report. The report identifies sustainable cooling solutions that could reduce projected greenhouse gas emissions from cooling by 2050.



Key Points:

Beat the Heat Global Initiative

- This is a joint initiative of UNEP's Cool Coalition and Brazil, the President of COP30. It aims to translate the findings of the Global Cooling Watch report into tangible climate action.
- **Objective:** This initiative promotes multi-level governance to ensure equitable access to cooling technologies, involving governments, cities, industries, and financial institutions.

State of the Cryosphere Report 2025



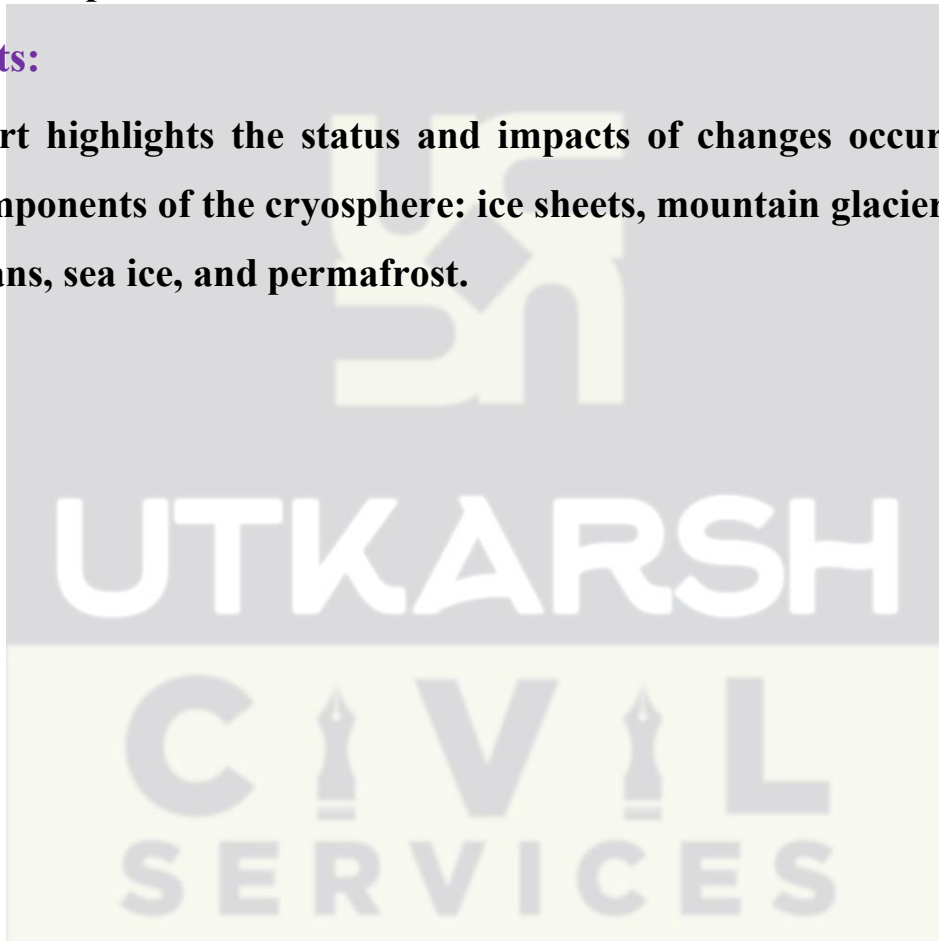
Why in News?

- The International Cryosphere Climate Initiative has released the State of the Cryosphere Report 2025.



Key Points:

- This report highlights the status and impacts of changes occurring in five major components of the cryosphere: ice sheets, mountain glaciers and snow, polar oceans, sea ice, and permafrost.



MILITARY EXERCISES

VINBAX Exercise



Why in News?

- The sixth Vietnam-India military exercise, VINBAX, has begun in Hanoi from 11 November, 2025. It is a bilateral military exercise between India and Vietnam.



Key Points:

- **Objective:** It aims to enhance interoperability and share best practices in United Nations peacekeeping operations.