

UPSC Daily Current Affairs One Liners 29-10-2025

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Geography

Deaths by cold waves

- Report titled 'Accidental Deaths and Suicides in India'.
- Released by National Crime Records Bureau (NCRB).
- **Key highlights** Between 2019 and 2023, the Commission noted that a total of 3,639 people reportedly died from exposure to cold waves in the country.

Guidelines to Mitigate the Impacts of Cold Waves

NHRC, India urges 19 states and 4 UT Administrations to take preventive measures.

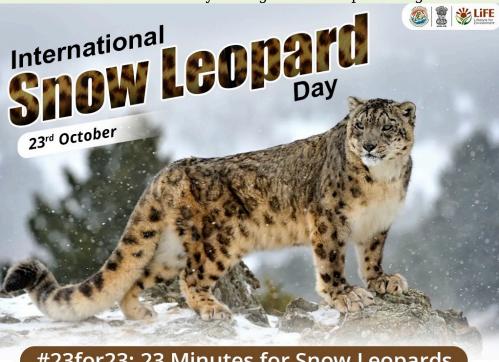
- **Aim** To protect homeless and vulnerable people from cold waves during the winter.
- **NHRC reiterated** The National Disaster Management Authority (NDMA) guidelines to mitigate the impacts of cold waves, which include:
 - Establishing treatment protocols;
 - Setting up day and night shelters:
- Providing medical care and implementing standard treatment procedures for coldrelated illnesses; and
- Ensuring consistent monitoring of the relief efforts and adopting a proactive approach to ensure their effectiveness.

Environment

International Snow Leopard Day

India Marks International Snow Leopard Day with Nationwide '#23for23 Initiative'.

- Observed on 23rd October.
- Unique initiative #23for23: 23 Minutes for Snow Leopards
- Initiated by Global Leopard and Ecosystem Protection Program (GSLEP) and Snow Leopard Trust.
- **Objectives** To raise global awareness about snow leopards and their mountain ecosystem.
 - To inspire public participation in conservation through a symbolic @3-minute action.
 - To demonstrate solidarity among all now leopard range countries for their protection.



#23for23: 23 Minutes for Snow Leopards

A global digital campaign that invites individuals, institutions, and communities worldwide to dedicate 23 minutes of physical activity — such as walking, running, cycling, yoga, or stretching — to honour the snow leopard, the ultimate mountain athlete.

Training Modules on Public Health Management of Chemical Emergencies

- Developed by National Centre for Disease Control (NCDC), Ministry of Health and Family Welfare, on the Public Health Management of Chemical Emergencies with National Disaster Management Authority.
- Technical support from World Health Organization (WHO India).
- 3 modules include -
- Module 1 Preparedness, Surveillance, and Response for Public Health Management of Chemical Emergencies.
 - **Module 2 -** Pre-Hospital Management of Chemical Emergencies.
 - Module 3 Medical Management of Chemical Emergencies.
- Aim To equip public health professionals & responders with the necessary knowledge and skills for timely and effective management of chemical incidents.
- **Significance** Strengthening chemical emergency management.
- It also supports core capacities under the International Health Regulations (IHR 2005), contributing to both national and global health security.

Security

Defence Procurement Manual 2025

- **Released by -** Ministry of Defence.
- Effective from November 01, 2025.
- **Aim** To facilitate the revenue procurement amounting to approx. Rs 1 lakh crore by the three Services and other establishments under Ministry of Defence (MoD).

14th India-Bhutan Border Management and Security Meeting

- Held in Thimphu.
- **Reviewed** Bilateral security cooperation and border management issues, including mobile signal spill over, future roadmap for Integrated Check Posts, maintenance of boundary pillars and cross-border movement.
- **Significance** It reaffirms their strong friendship, India and Bhutan committed to deepening cooperation across traditional and emerging areas.
- Last meeting was held in 2019.

Delivery of Mahe to Indian Navy

- It is the 1st of 8 Anti-Submarine Warfare Shallow Water Crafts (ASW SWC).
- Built by Cochin Shipyard Limited (CSL), Kochi
- 'Mahe', named after The historic port town in the Union Territory of Puducherry, symbolises India's rich maritime heritage.
- **Features** It is equipped for <u>underwater surveillance</u>, <u>Low Intensity Maritime Operations</u> (<u>LIMO</u>), <u>Anti-Submarine Warfare</u> (<u>ASW</u>) operations in coastal waters and has advanced Mine Laying capability.
- At approximately 78 metres, with a displacement of around 1,100 tons, the ship packs a punch in underwater warfare, with *torpedoes, Multifunctional Anti-Submarine Rockets, and advanced radars and sonars*.
- **Significance** It reflects India's growing self-reliance in Naval Shipbuilding.
- It contains *over 80% indigenous content*, which reaffirms the vision of 'Aatmanirbhar Bharat'.

Science

3 publications under AI for India 2030

- Released by Principal Scientific Adviser (PSA) to the Government of India.
- Launched under The guidance of OPSA and MeitY, and driven by a multi-stakeholder Advisory Council.
- 3 publications
 - 'Future Farming in India: AI Playbook for Agriculture'.
 - 'Transforming Small Businesses: An AI Playbook for India's SMEs.
 - 'Shaping the AI Sandbox Ecosystem for the Intelligent Age: White Paper'.

AI for India 2030 Initiative

- Launched in 2024, by Ministry of Electronics and IT (MeitY),
- Collaboration with Nasscom (India's premier trade body for the IT industry) and World Economic Forum's Centre for the $4^{\rm th}$ Industrial Revolution (C4IR) India.
- **Aim** To develop frameworks with strategic and global relevance, placing responsible, inclusive, and scale-driven AI at the heart of India's digital economy.
- **Significance** It aligns with the broader IndiaAI Mission, which seeks to position India as a global leader in AI innovation and application.

Places in News

Loktak Lake

A Nagaland University study has flagged an environmental worry for Loktak Lake.

- It is the *largest freshwater lake* in Northeast India.
- Located in Manipur.
- **Distinguished by** Its floating biomass called *phumdi* in the Meitei language.
- Keibul Lamjao National Park Home to the <u>rare brow-antlered deer</u>, is an integral part
 of the lake.
- **Drainage of rivers -** Khuga, Western, Nambul, Imphal, Kongba, Iril, Thoubal, Heirok, and Sekmai.
- **Designated as -** A wetland of international importance under the <u>Ramsar Convention in 1990 and Montreux Record in 1993.</u>
- **Biodiversity** Home to 132 plant species and 428 animal species.

