

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 cold-related 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 snow 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.

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 *underwater surveillance, Low Intensity Maritime Operations (LIMO), Anti-Submarine Warfare (ASW)* 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 4th 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 rare brow-antlered deer, 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 Ramsar Convention in 1990 and Montreux Record in 1993.
- **Biodiversity** - Home to 132 plant species and 428 animal species.



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