

## UPSC Daily Current Affairs| One Liners 06-01-2025

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#### Geography

##### Lempa River (Rio Lempa)

- **Location** - Lempa River, a river in Central America.
- It is a *transboundary river* shared by countries such as El Salvador, Guatemala and Honduras.
- It is *El Salvador's largest* and only navigable one.

##### Cold Wave Definition

- The United Nations Office for Disaster Risk Reduction defines cold wave as a phenomenon where surface temperatures in an area fall below a certain threshold for at least 2 consecutive days.
- According to the IMD, a cold wave is declared when minimum temperatures are ***10°C or lower in the plains***, or ***0°C or lower in the hills***, sustained over three consecutive days.

#### Social Issues

##### Nari Shakti Se Jal Shakti

- Nari Shakti Se Jal Shakti, meaning women power for water empowerment.
- It is a ground-breaking effort that is leveraging women's leadership in water conservation.
- Through Nari Shakti Se Jal Shakti, women mobilised entire communities to adopt water-saving practices, reduce wastage and protect natural water bodies.

#### Polity & Governance

##### Kerala Forest (Amendment) Bill, 2024

*The Kerala government has brought in a Bill to amend the Kerala Forest Act, 1961.*

- It is to prevent using the forest as a place for dumping waste materials.
- Dumping waste materials in rivers within the forest area or in water bodies flowing into forest areas are to be made offences under the proposed amendments.
- Besides, the Bill envisages giving more powers to forest officers, and also hikes manifold the fines imposed for various offences.

#### Economy

##### Steel industry in India

- The steel industry contributes around *2% to India's GDP* (gross domestic product).
- The National Steel Policy, 2017, aims to increase India's steel production capacity from 122 million tonnes (MT) in 2015 to 300 MT by 2030.

#### Agriculture

##### di-ammonium phosphate (DAP)

- DAP, the ***2<sup>nd</sup>-most consumed fertiliser*** in India after urea, is primarily used in crops such as wheat, mustard and pulses.
- It is an important nutrient for plant growth.
- It is supported by government subsidies under the *Nutrient-Based Subsidy (NBS) scheme*, based on their nitrogen, phosphorus, potassium and sulphur content.

## Environment

### Ipsea malabarica

- It is also known as the Malabar daffodil orchid.
- It is a species of ground orchids *endemic to the high altitude hills of the southern Western Ghats* in India.

### Bhairavapalem wetland

- It is a mudflat in the Godavari River in East Godavari, **Andhra Pradesh**, India.
- The wetland is a habitat for many bird species, including the endangered great knot and the *vulnerable Indian skimmer*.

### Paradendryphiella salina

- It is a *marine fungus* that is commonly found growing on seaweed in the intertidal zone, with its closest non-marine relatives living on land plants.

### Intergovernmental Negotiating Committee (INC5)

- **Aim** - To finalise the draft of a legally binding treaty on plastic pollution, addressing the issue comprehensively for the first time.
- **Mandate** - Encompassing the full lifecycle of plastics including product design and environmentally sound waste management.
- **Location** - It was at Busan, South Korea.

## Science

### IceCube Neutrino Observatory

- It can detect high-energy neutrinos from deep space but is under the frozen ice in the Antarctic rather than being in the water.
- IceCube, which has been operational since 2011 and was the first telescope to detect high-energy neutrinos, has been able to only spot a handful of these messengers.