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 ***2nd-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.

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