



ENLITE IAS
Enlightening minds. Lightening journey

6 JANUARY 2026

EN-BUZZER

**Daily News
Analysis**

For IAS/IPS/IFS Coaching - Call us at 7994058393

www.enliteias.com



TUESDAY, 6th JANUARY 2026

Table of Contents

1. Popocatépetl Volcano.....	2
2. Lohit River and Environmental Impact Assessment (EIA).....	3
3. Indus Water Treaty and Chenab River.....	5

1. Popocatépetl Volcano

Prelims Perspective: What needs to be learned?

- How is a volcano formed- Basic understanding of plate tectonics
- What is Stratovolcano

Mains Perspective: Notes need to be prepared

- Volcanism- Formation and Impact (GS I -Geography)
- The environmental challenge associated with Volcanism (GS III - Environment)

What needs to be known?

- Popocatépetl Volcano
 - Popocatepetl is a stratovolcano situated in the Trans-Mexican Volcanic Belt, in Central Mexico.
- Stratovolcano
 - Also called a composite volcano which are steep-sided volcanoes composed of many layers of volcanic rocks.
 - They are typically found above subduction zones, and they are often part of large volcanically active regions, such as the Ring of Fire.

2. Lohit River and Environmental Impact Assessment (EIA)

Prelims Perspective: What needs to be learned?

- Lohit River and its tributaries
- Environment Impact Assessment (EIA) - Components
- White-Bellied Heron

Mains Perspective: Notes need to be prepared

- Himalayan Drainage System (**GS I- Geography**)
- Environment Degradation and Environment Impact Assessment (EIA) (**GS III - Environment**)

What needs to be known?

- **Lohit River**
 - ➔ **What is it?**: An eastern tributary of the Brahmaputra River, which originates from the Tibet region of China.
 - ➔ **Basin States in India**: Arunachal Pradesh and Assam.
 - ➔ **Recent Development**: EIA conducted for the Kalai-II hydroelectric project and its impact on the **white-bellied heron** bird.
- **Environmental Impact Assessment (EIA)**
 - ➔ **What is it?**: EIA is a process of evaluating the likely environmental impacts of a proposed project or development.
 - ➔ **Legal Support**: Environment (Protection) Act, 1986.
 - ➔ **Steps**: Screening, Scoping, Baseline Assessment, Impact Assessment, Mitigation Measures, Public Consultation, Decision-Making.
- **White-Bellied Heron Bird**
 - ➔ **Habitat**: It inhabits the wetlands of tropical and subtropical forests in the foothills of the eastern Himalayas.

>> Kozhikode >> Ernakulam >> Thiruvananthapuram

→ **Threats:** It is threatened by habitat loss due to conversion of wetlands for agriculture and the expansion of settlements.

→ **Conservation Steps**

- ★ **IUCN Red List:** Critically Endangered
- ★ **Wildlife Protection Act 1972:** Schedule-I



3. Indus Water Treaty and Chenab River

Prelims Perspective: What needs to be learned?

- Indus Water Treaty
- Chenab River

Mains Perspective: Notes need to be prepared

- Chenab River (**GS I -Geography**)
- Bilateral Agreement (**GS II - International Relations**)

What needs to be known?

- **Indus Water Treaty (IWT):**
 - It was signed in 1960 between India and Pakistan with World Bank mediation, allocating waters of the Indus River system to resolve post-partition disputes.
 - **India controls the Eastern Rivers (Ravi, Beas, Sutlej)** for unrestricted use.
 - **Pakistan manages the Western Rivers (Indus, Jhelum, Chenab)**, allocated 80%, with India permitted limited irrigation and unlimited non-consumptive uses like hydropower.
 - India has suspended the IWT in the aftermath of the Pahalgam terror attack in April 2025.
- **Chenab River**
 - **Origin:** The Chenab originates from near the **Bara Lacha Pass in the Zaskar Range.**
 - **Formation:** The **Chenab River is formed by the confluence of the Chandra and Bhaga rivers.**
 - **Passing Region:** It flows through the Jammu region of Jammu and Kashmir into the plains of Punjab in Pakistan
 - **Fact:** The river is crossed in Jammu and Kashmir by the **world's highest railway bridge, named Chenab Bridge.**
 - **Major Dam:** Sala Project