



PadhAI



# Down to *Earth*

SUMMARY FOR UPSC ——— MAGAZINE

16-31 MARCH 2026

Welcome to PadhAI—

# Down to Earth Magazine Coverage

You're here because you understand a core truth of UPSC preparation—success doesn't come from reading everything, but from reading what actually matters.

*Down to Earth* is one of the most valuable sources for environment, ecology, and sustainable development. However, reading it cover to cover can be time-consuming and often difficult to align directly with exam demands. PadhAI's Down to Earth coverage is designed to simplify that process—by filtering, structuring, and converting important content into exam-ready insights.

## Why PadhAI's Down to Earth Coverage

Many aspirants struggle with Down to Earth because of:

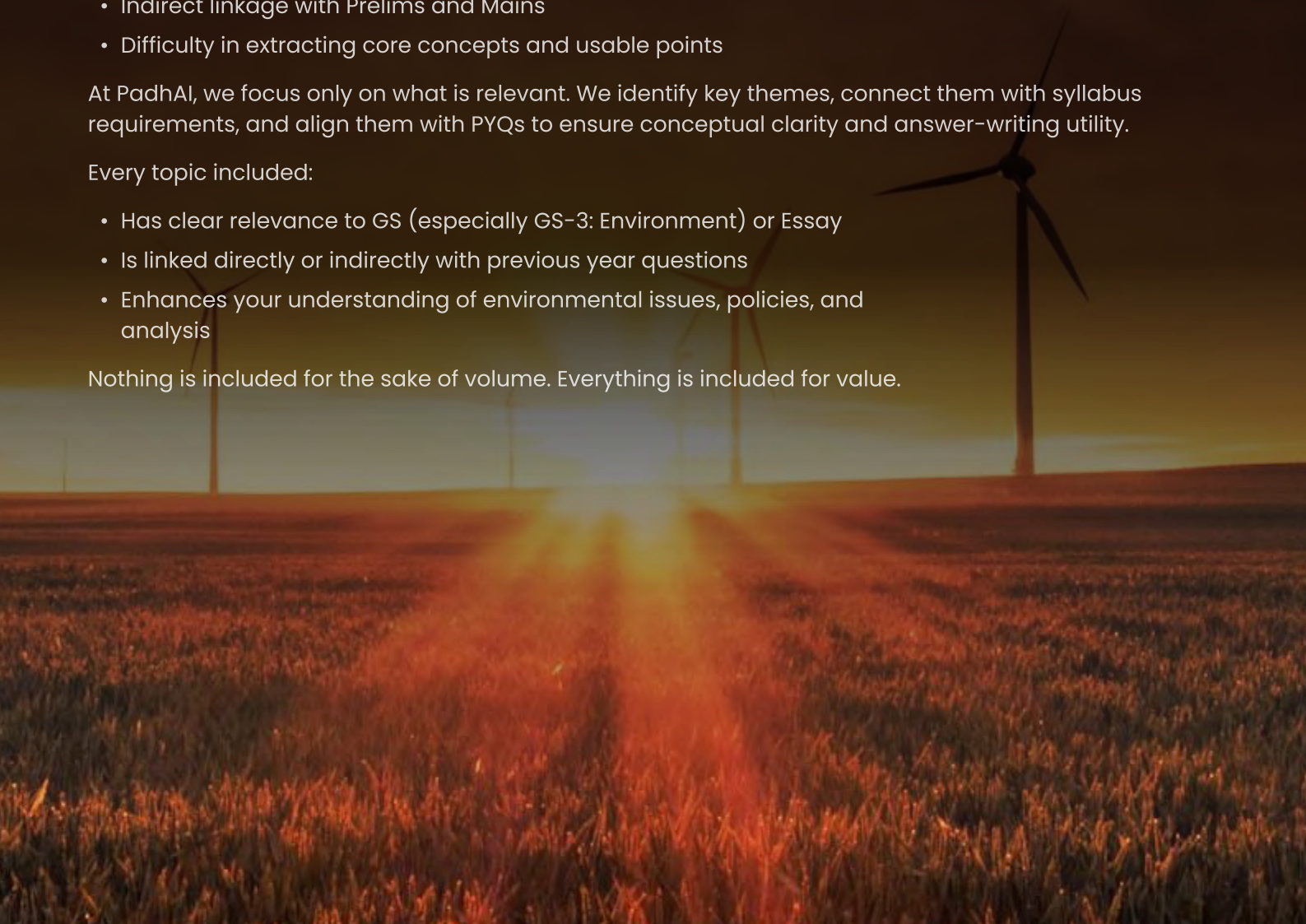
- Detailed and lengthy articles
- Indirect linkage with Prelims and Mains
- Difficulty in extracting core concepts and usable points

At PadhAI, we focus only on what is relevant. We identify key themes, connect them with syllabus requirements, and align them with PYQs to ensure conceptual clarity and answer-writing utility.

Every topic included:

- Has clear relevance to GS (especially GS-3: Environment) or Essay
- Is linked directly or indirectly with previous year questions
- Enhances your understanding of environmental issues, policies, and analysis

Nothing is included for the sake of volume. Everything is included for value.



## Part of the PadhAI Preparation Ecosystem

This Down to Earth coverage is integrated with a broader system that includes:

- **Fast and concise magazines (published early)**
- **Daily PIB summaries (filtered and exam-focused)**
- **Monthly compliance coverage**
- **Complete Prelims & Mains PYQs with structured answers**
- **News summaries from relevant sources**
- **Personal tutor chat support for continuous guidance**

The goal is simple:

One reliable system instead of multiple scattered sources.

## Our Guiding Philosophy

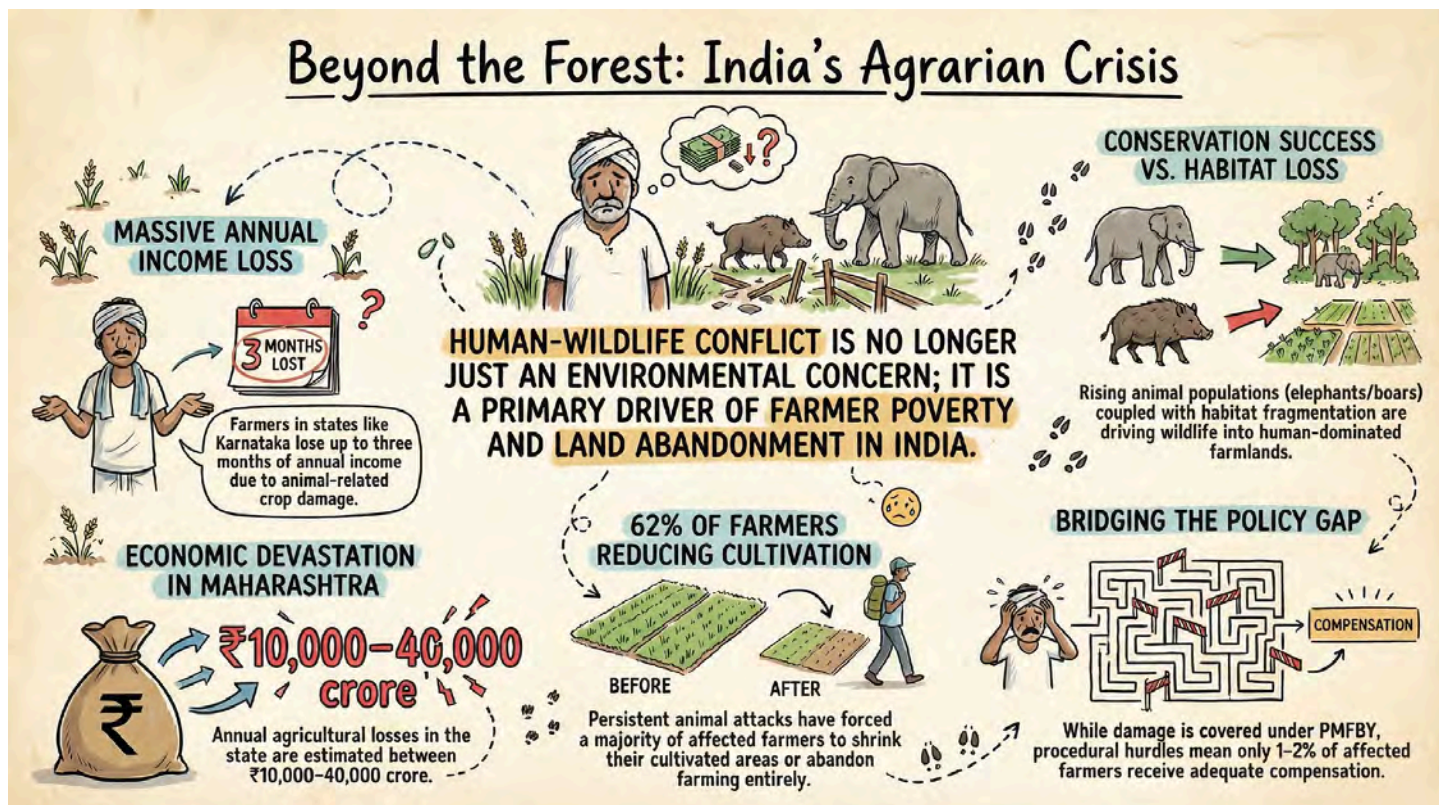
At PadhAI, everything is built on three principles:

- **Learn only what matters**
- **Learn it the right way**
- **Learn it at the right time**

That's how preparation becomes focused, efficient, and effective.



## Topic 1: Human–Wildlife Conflict and Agrarian Distress in India



**Summary:** Human–wildlife conflict has escalated from an ecological concern to a severe agrarian crisis, with farmers in states like Karnataka losing up to three months of income annually. This growing distress is forcing many farmers to abandon cultivation, significantly impacting rural food security and livelihoods.

**Background:** Habitat fragmentation, infrastructure expansion, and agricultural encroachment have reduced natural animal habitats, while conservation successes have increased populations of certain species like elephants and wild boars, intensifying interactions.

### Key Points:

- **Economic Devastation:** Maharashtra alone estimates annual agricultural losses between ₹10,000–40,000 crore, with single elephant encounters causing up to 20% income loss for farmers.
- **Policy and Legal Gaps:** While the inclusion of wildlife damage under **PMFBY (2026)** is positive, procedural complexities mean only **1–2% of affected farmers** receive adequate compensation.



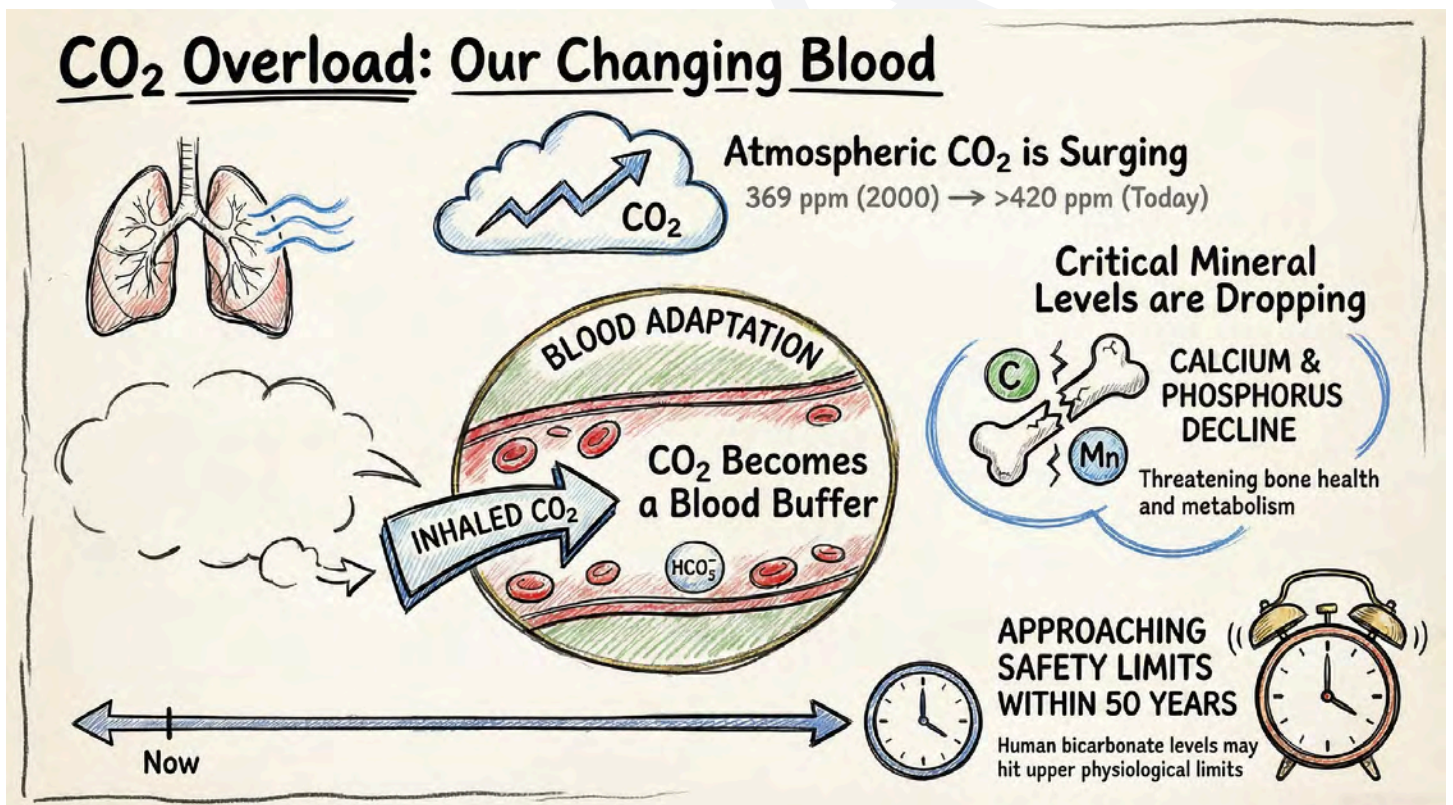
- **Governance Conflict:** Under **Section 62 of the Wildlife Protection Act**, only the Centre can declare animals as 'vermin,' leading to tensions with states like Kerala attempting legislative workarounds.

**Prelims Facts (One Liners):**

- **62% of farmers** reported reducing cultivated area due to animal attacks.
- Under Section 62 of the Wildlife Protection Act, the **Centre** holds the sole authority to declare species as vermin.

**MCQ Practice:** Q. According to the 2021 study by UBC and the Centre for Wildlife Studies, what is the typical annual income loss for farmers in Karnataka due to wildlife conflict? A) 1 week B) 1–3 months C) 6 months D) Full Year **Answer: B ( )**

**Topic 2: CO<sub>2</sub> Overload in Human Blood**



**Summary:** A long-term study indicates that rising atmospheric carbon dioxide is altering human blood chemistry, specifically through a **7% increase in serum bicarbonate levels**. This shift reflects a chronic physiological adaptation to maintain the blood's acid–base balance (pH).

**Background:** CO<sub>2</sub> dissolves in blood to form carbonic acid, which converts to bicarbonate; any sustained increase in ambient CO<sub>2</sub> exposure influences this equilibrium.

**Key Points:**

- **Physiological Adaptation:** Higher bicarbonate accumulation acts as a buffer to maintain blood pH stability in response to elevated ambient CO<sub>2</sub>.
- **Mineral Imbalance:** Researchers observed a simultaneous **decline in calcium and phosphorus levels**, which could adversely affect bone health and cellular metabolism.
- **Future Risks:** Projections suggest bicarbonate levels may reach upper safe limits within 50 years if atmospheric CO<sub>2</sub> trends continue.

**Prelims Facts (One Liners):**

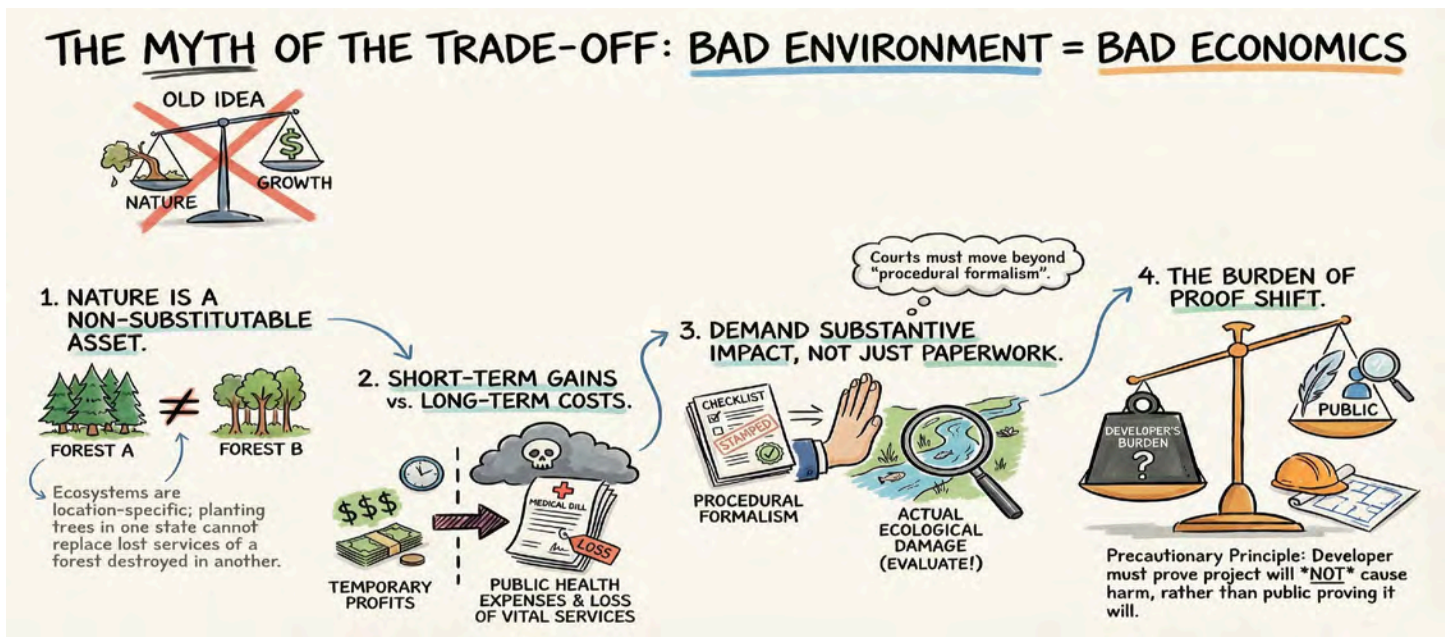
- Serum bicarbonate levels have increased by approximately **7%** since 1999.
- CO<sub>2</sub> is primarily transported in the human body as **bicarbonate ions (HCO<sub>3</sub><sup>-</sup>)**.

**MCQ Practice:** Q. What electrolyte shift was observed alongside the rise in serum bicarbonate levels in the CO<sub>2</sub> study? A) Increase in Potassium B) Decline in Calcium and Phosphorus C) Rise in Sodium D) No change **Answer: B** ( )

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## Topic 3: Bad Environment & Good Economics



**Summary:** The historical Indian judicial approach that environmental protection and economic growth are opposing goals is being challenged by the doctrine that "**bad environment = bad economics**". Courts are increasingly shifting from substantive ecological outcomes to mere procedural compliance, which risks weakening the environmental rule of law.

**Background:** Indian courts expanded **Article 21 (Right to Life)** to include a healthy environment, embedding principles like "Polluter Pays" and "Sustainable Development" into law.

### Key Points:

- **Judicial Retreat:** Courts now often emphasize "procedural formalism" (asking if due process was followed) rather than evaluating the actual environmental impact of a project.
- **Ecological Non-Substitutability:** Current "compensatory afforestation" (e.g., planting trees in Haryana for forests lost in Nicobar) ignores that ecosystems are location-specific and non-substitutable.
- **Economic Reality:** Environmental degradation leads to the loss of vital ecosystem services and high public health costs, meaning short-term gains do not equal long-term growth.

### Prelims Facts (One Liners):

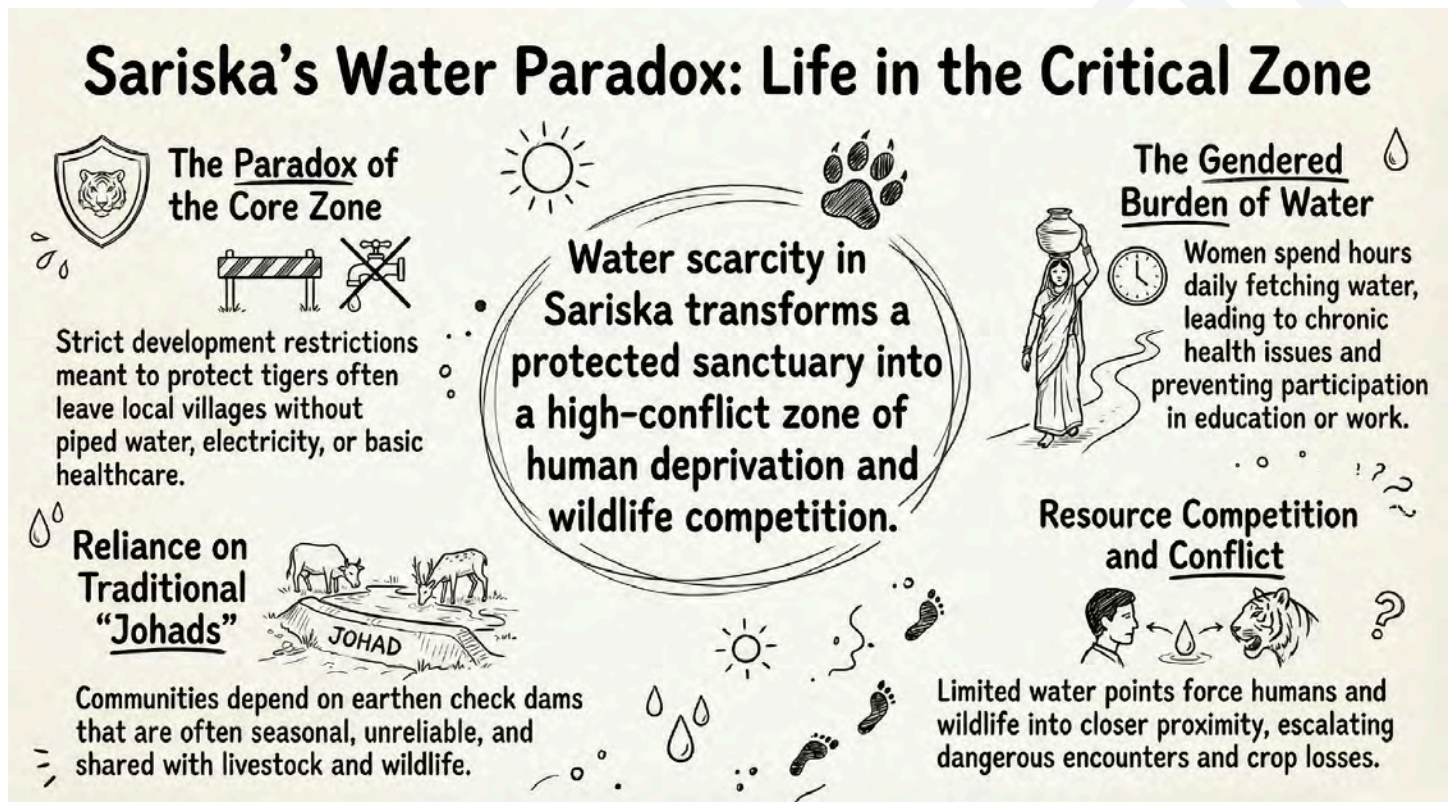
- The **Great Indian Bustard Case** highlights the conflict between overhead transmission lines and ecological survival.



- **Article 21** of the Indian Constitution has been expanded by the judiciary to include the right to a healthy environment.

**MCQ Practice:** Q. Which environmental principle asserts that the burden of proof lies on the developer to show a project will not cause harm? A) Polluter Pays B) Precautionary Principle C) Public Trust Doctrine D) Intergenerational Equity **Answer: B** ( )

## Topic 4: Water Scarcity in Sariska's Critical Habitat



**Summary:** Water scarcity in semi-arid protected areas like Sariska creates a paradox where zones meant for ecological protection become zones of **human deprivation**. This scarcity intensifies resource competition, leading to increased human-wildlife encounters and conflict.

**Background:** These ecosystems depend on erratic rainfall and traditional water systems like johads, which are often seasonal and unreliable for rising demands.



**Key Points:**

- **Gendered Burden:** Women spend hours daily fetching water, which causes chronic health issues and limits their educational and economic participation.
- **Relocation Challenges:** While relocation can reduce anthropogenic pressure, many projects fail due to inadequate rehabilitation packages and loss of traditional livelihoods.
- **Infrastructure Deficit:** Restrictions on development within "core zones" often result in villages lacking piped water, electricity, and basic healthcare.

**Prelims Facts (One Liners):**

- **Johads** are traditional earthen check dams used for water storage in Rajasthan.
- Over **60,000 Indian villages** still lack access to safe drinking water.

**MCQ Practice:** Q. What is the primary reason for the infrastructure deficit in villages located within the core zones of protected areas? A) Lack of funds B) Lack of population C) Development restrictions in core zones D) Lack of water **Answer: C** ( )

**Topic 5: Rising Pesticide Toxicity**

**The Rising Tide of Pesticide Toxicity**

Understand that pesticide risk is shifting from "volume used" to "chemical intensity," with India at the epicenter.

**1. Introducing TAT: Measuring Total Applied Toxicity**

VOLUME USED + CHEMICAL INTENSITY = TAT (Total Applied Toxicity)

TAT is the new global metric that combines pesticide volume with its specific toxicity to living organisms.

**2. India's Toxicity Burden Rose 20%**

Between 2014 and 2025, pesticide usage in India surged, heavily concentrated in the Indo-Gangetic plains.

**3. 20 Pesticides Cause 90% of Damage**

A tiny group of chemicals, including Neonicotinoids and Glyphosate, accounts for nearly all global toxicity.

**4. 6.4% Annual Toxicity Rise for Insects**

Terrestrial arthropods and soil organisms are facing the fastest-growing threat from increasingly potent chemicals.

**5. Close the Pesticide Management Regulatory Gaps**

Current bills lack the mandatory biodiversity safeguards needed to track and limit Total Applied Toxicity.



**Summary:** Global pesticide use is shifting from volume to **intensity and toxicity**, with India, China, Brazil, and the USA accounting for up to 68% of the global burden. India's pesticide usage rose approximately **20% between 2014 and 2025**, concentrated heavily in the Indo-Gangetic plains.

**Background:** The study introduces **Total Applied Toxicity (TAT)**, which combines volume with toxicity to specific species, a framework adopted under **CBD COP16 (2025)**.

### Key Points:

- **Ecological Impact:** Toxicity is rising fastest for terrestrial arthropods (+6.4% annually) and soil organisms, despite stable pesticide volumes in some regions.
- **Highly Toxic Pesticides:** Only ~20 pesticides, including **Neonicotinoids and Glyphosate**, contribute to 90% of the total toxicity burden.
- **Regulatory Gaps:** India's Pesticide Management Bill (2025) lacks strong biodiversity safeguards and mandatory impact assessments.

### Prelims Facts (One Liners):

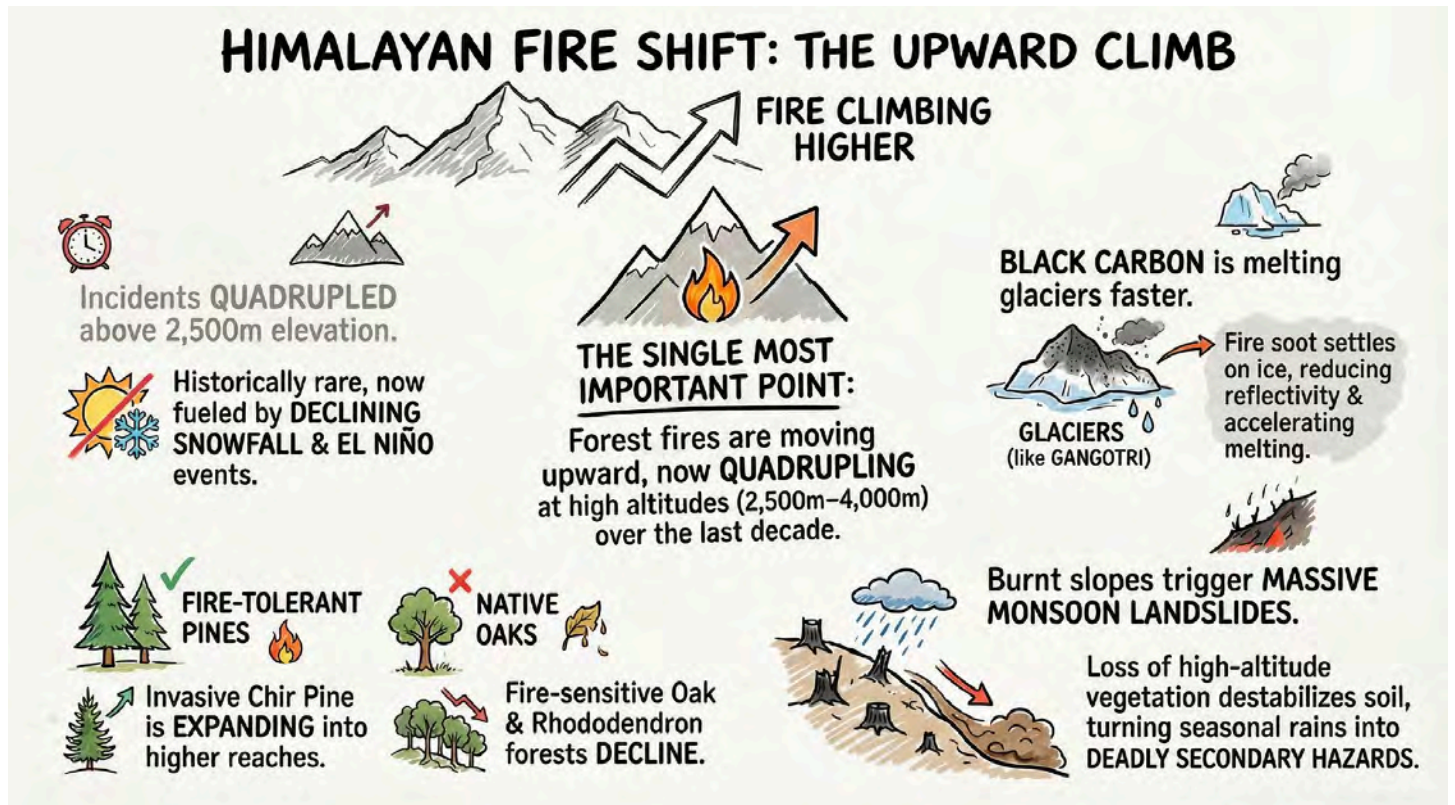
- **TAT** (Total Applied Toxicity) is the new metric for measuring pesticide risk adopted under CBD COP16.
- India's pesticide usage increased to **67,221 tonnes** in 2024-25.

**MCQ Practice:** Q. According to the source, which group of pesticides is primarily responsible for pollinator toxicity? A) Herbicides B) Neonicotinoids C) Fungicides D) Organophosphates **Answer: B**  
( )

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## Topic 6: Himalayan Fire Shift



**Summary:** Forest fires in the Himalayas are undergoing a systematic **upward shift**, now frequently occurring between 2,000–4,000 m elevations due to climate change and El Niño events. These high-altitude fires are high-energy events that are difficult to suppress due to terrain and accumulated dry biomass.

**Background:** Historically fires were concentrated below 2,000 m; however, warming in the Himalayas (faster than the Indian average) and declining snowfall have increased combustibility.

### Key Points:

- **Cryosphere Impact:** Black carbon from these fires deposits on glaciers like **Gangotri**, reducing albedo and accelerating glacier melt.
- **Vegetation Shift:** Fire-tolerant species like **Chir Pine** are expanding, while fire-sensitive species like Oak and Rhododendron are declining.
- **Secondary Hazards:** Loss of vegetation destabilizes slopes, leading to increased landslide risks during subsequent monsoons.



**Prelims Facts (One Liners):**

- Fire incidents have **quadrupled** over a decade at elevations above 2,500 m in the western Himalayas.
- Black carbon deposition on glaciers reduces **albedo**, accelerating melting.

**MCQ Practice:** Q. Which climatic oscillation is strongly correlated with peak fire years in the Himalayas? A) La Niña B) El Niño C) Indian Ocean Dipole D) Western Disturbances **Answer: B** ( )

**Topic 7: India's Renewable Energy: Powering Transition**



**Summary:** India reached **250 GW of non-fossil fuel capacity by 2025**, ranking 3rd in solar and 4th in wind globally. Despite this expansion, a gap persists where high installed capacity does not equal high generation due to the intermittency of solar and wind.

**Background:** India has set a target of **500 GW of non-fossil fuel capacity by 2030**, with recent power sector emissions declining as renewables expand.

**Key Points:**



- **Grid Integration:** Transmission bottlenecks and a storage deficit (limited battery/pumped storage) remain critical constraints for scaling.
- **Financial Stress:** Losses in DISCOMs (Distribution Companies) hinder the procurement and timely payment for renewable energy.
- **Regional Imbalances:** Renewable growth is currently concentrated in a few states like Karnataka, Tamil Nadu, and Gujarat.

**Prelims Facts (One Liners):**

- India crossed **250 GW** of non-fossil fuel capacity by 2025.
- India ranks **3rd in solar** and **4th in wind** energy capacity globally.

**MCQ Practice:** Q. What is the target for India's non-fossil fuel capacity by the year 2030? A) 250 GW B) 400 GW C) 500 GW D) 1,000 GW **Answer: C** ( )

**Topic 8: Universities in Crisis**

**THE UNIVERSITY PATENT TRAP**

Goal: Understand high filings are a hollow metric driven by pressure, not innovation.

**FILINGS SOAR WHILE ACTUAL GRANTS LAG.**  
Private universities often have high filing numbers but extremely low approval rates compared to IITs and NITs.

**RANKING SYSTEMS CREATE PERVERSE INCENTIVES.**  
Frameworks like NIRF and NAAC reward the volume of patent filings rather than validated research outcomes.

**THE "ROBODOG" SYMPTOM OF METRIC PRESSURE.**  
Pressure for indigenous innovation claims has led to incidents of faking foreign tech as local inventions.

**STOP DIVERTING RESEARCH FUNDS TO PAPERWORK.**  
Resources are being shifted from actual scientific inquiry into the legal costs of filing low-quality patents.

**Summary:** India's higher education system suffers from a **structural mismatch** where a sharp rise in patent filings does not translate into real innovation. This "patent boom" is largely driven by



ranking systems (NIRF/NAAC) that reward the quantity of filings over the quality of granted patents.

**Background:** Incidents like a university presenting a foreign-made "Robodog" as indigenous innovation highlight a culture of exaggerated claims driven by metric-based academic pressure.

**Key Points:**

- **Filings vs. Grants:** Private universities show high filing numbers but extremely low grant rates, whereas IITs/NITs have fewer filings but higher approval ratios.
- **Perverse Incentives:** Ranking frameworks incentivize the mass filing of low-quality patents, diverting funds from actual research into paperwork.
- **IKS and Scientific Temper:** The introduction of **Indian Knowledge Systems (IKS)** into curricula has raised concerns about the potential dilution of scientific rigor if pseudoscientific ideas are included.

**Prelims Facts (One Liners):**

- Frameworks like **NIRF and NAAC** currently reward patent filings rather than validated outcomes.
- The "Robodog" episode is cited as a symptom of **metric-driven academic behavior**.

**MCQ Practice:** Q. According to the source, what is the core problem with the recent "patent boom" in Indian universities? A) Lack of lawyers B) Filings without substantive innovation C) High grant rates D) Too much funding **Answer: B** ( )

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## Topic 9: RBI's DLGS Reset: Boosting Credit for Last-Mile Electric Mobility

# Driving EV Growth: RBI's DLG Reset

DLGs enable lending to borrowers with "thin credit histories" like gig workers.



**Summary:** The RBI has restored the recognition of **Default Loss Guarantees (DLGs)** with new safeguards, which is expected to revive credit flow for financing electric two- and three-wheelers. This risk-sharing mechanism allows lending to borrowers with "thin credit histories," such as gig workers and delivery agents.

**Background:** The RBI had previously restricted DLGs to prevent the understatement of credit risk and ensure NBFCs retained "skin in the game".

### Key Points:

- **Financing EV Transition:** DLGs play a hidden but crucial role in EV adoption by reducing the perceived lending risk for last-mile transport buyers.
- **The 5% Cap:** The RBI has retained the **5% cap** on the amount of loss a Fintech can absorb, ensuring NBFCs maintain dynamic loss estimates.
- **Regulatory Balance:** The 2026 recalibration seeks to combine innovation support with risk control to prevent regulatory arbitrage.



**Prelims Facts (One Liners):**

- **DLG** stands for Default Loss Guarantee, a risk-sharing mechanism between NBFCs and Fintechs.
- The RBI has capped DLG loss-sharing at **5%**.


**MCQ Practice:** Q. Why are DLGs particularly important for the electric vehicle (EV) sector in India?  
 A) They manufacture batteries B) they provide subsidies C) they facilitate credit for buyers with no formal credit history D) they build charging stations **Answer: C** ()

**Topic 10: Great Fragmentation: A New Era of Global Disorder**

## THE GREAT FRAGMENTATION: A New Era of Global Disorder

### Global Order Fracturing: From Stability to High-Conflict.


**PAST ERA: STABLE GLOBALIZATION**



Peace Agreements in **SHARP DECLINE.**


1970s	23% Successful Peace Endings
2010s	ONLY 4%

**CURRENT ERA: FRAGMENTED WORLD.**




**Civil Wars Internationalized.**

EXTERNAL INVOLVEMENT **SURGED BY 175%** (since 2010).




**"Minilateralism"** replaces major global institutions.

Smaller Groupings (e.g., QUAD, AUKUS) Replace Weakening Institutions.



**MILITARY SPENDING Hits Record Levels.**

Continuous Rise Since 1991, Sharp Spike Post-2022.



**Summary:** The global order is entering a phase termed "**The Great Fragmentation,**" marked by a decline in peacefulness and the rise of internationalized civil wars. Peaceful endings to conflicts have plummeted from 23% in the 1970s to only 4% in the 2010s.

**Background:** This fragmentation follows the post-2008 financial crisis era of economic nationalism and the rise of "middle powers" like India, Turkey, and Brazil.



**Key Points:**

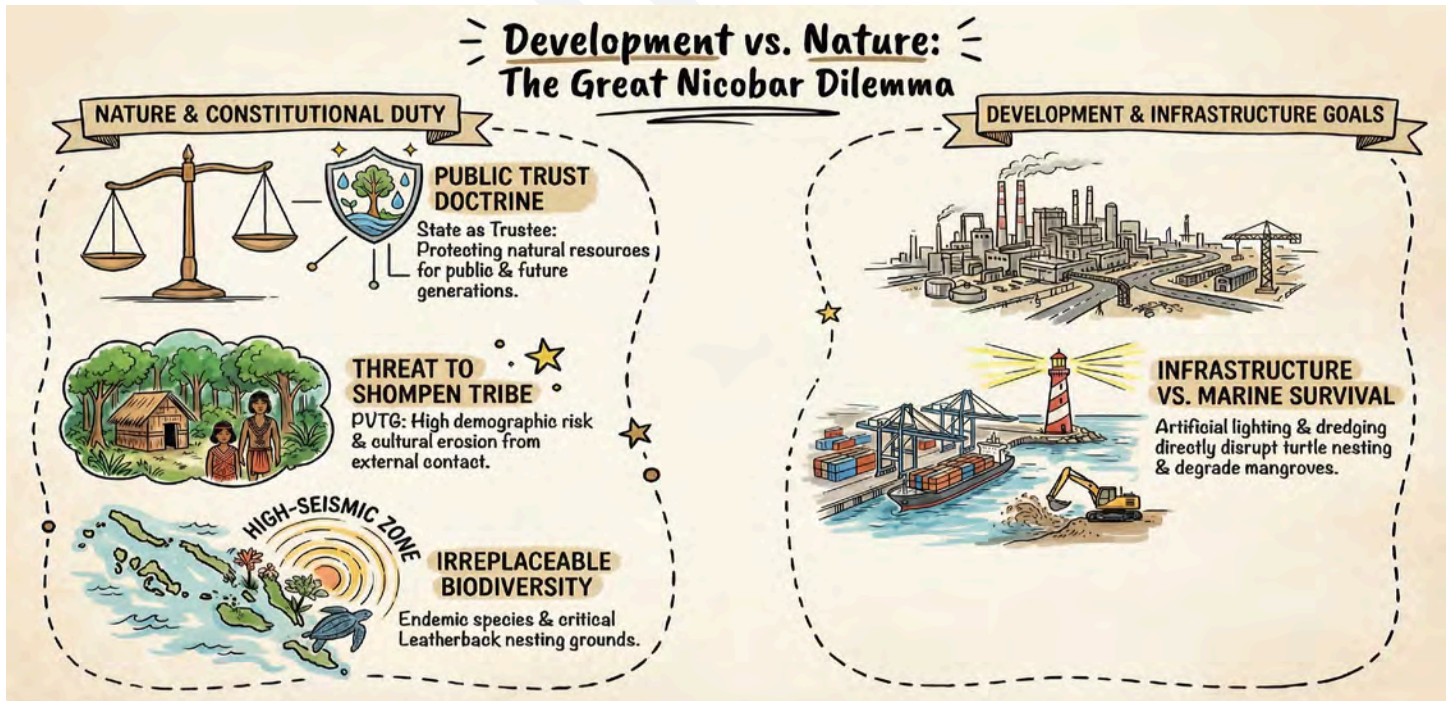
- **Militarization:** Military expenditure has risen continuously since 1991, with a sharp increase following the **Russia–Ukraine war (2022)**.
- **Minilateralism:** Multilateral institutions like the WTO and UN are weakening, replaced by smaller "minilateral" groupings like **QUAD, AUKUS, and I2U2**.
- **Strategic Risk:** Geopolitical risks today have surpassed Cold War levels, with conflict causing more deaths and displacement than natural disasters in 35 countries.

**Prelims Facts (One Liners):**

- External involvement in civil wars has risen **175% since 2010**.
- Only **4%** of conflicts ended in peace agreements in the 2010s compared to 23% in the 1970s.

**MCQ Practice:** Q. What term does the Institute for Economics and Peace (IEP) use to describe the current structural transformation of the global order? A) The Great Reset B) The Great Fragmentation C) The Third Cold War D) Global Convergence **Answer: B** ( )

**Topic 11: Great Nicobar Project: Development vs Constitutional Environmentalism**



**Summary:** The NGT's decision to uphold environmental clearances for the **Great Nicobar Island project** raises fundamental questions about development in fragile ecosystems. Critics argue that the project threatens unique biodiversity, such as the Shompen tribe and nesting grounds for leatherback sea turtles.

**Background:** Great Nicobar is a "high seismic zone" characterized by high endemism, meaning species found there exist nowhere else on Earth.

### Key Points:

- **Constitutional Principles:** The project challenges the **Public Trust Doctrine** and "Intergenerational Equity," where the State acts as a trustee of natural resources.
- **Marine Risks:** Artificial lighting from the project disrupts turtle nesting, while shipping and dredging degrade mangrove and coastal ecosystems.
- **Anthropological Vulnerability:** The Shompen (a PVTG) face high demographic vulnerability, where external contact can lead to cultural erosion and disease.

### Prelims Facts (One Liners):

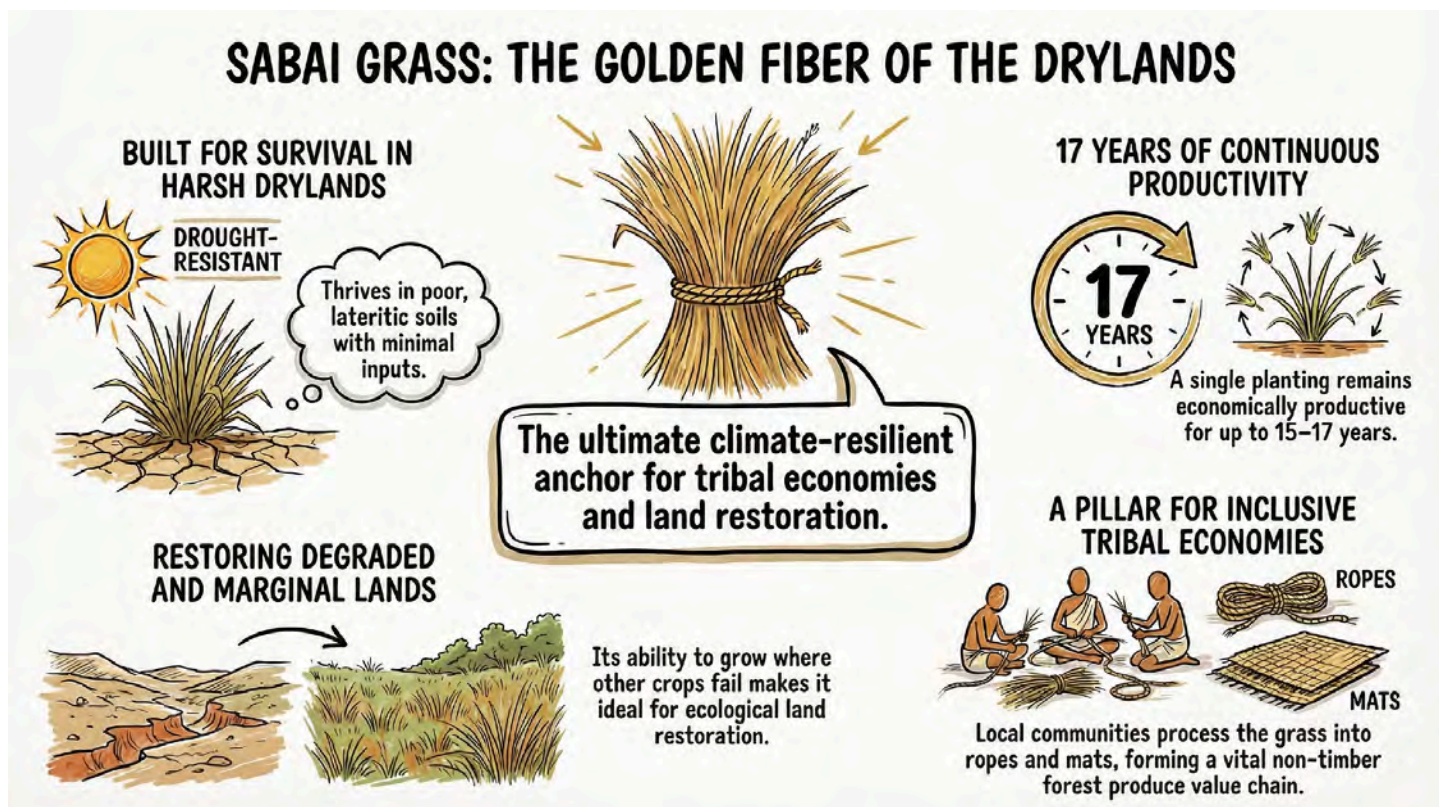
- The **Shompen** are a Particularly Vulnerable Tribal Group (PVTG) living in Great Nicobar.
- Great Nicobar is a critical nesting ground for **leatherback sea turtles**.

**MCQ Practice:** Q. Which landmark 1996 Supreme Court case established that the burden of proof lies on the developer to show a project will not cause harm? A) Narmada Bachao Andolan B) Vellore Citizens' Welfare Forum C) Goa Foundation D) Maneka Gandhi **Answer: B** ()

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## Topic 12: Sabai Grass (Eulaliopsis Binata)



**Summary:** Sabai grass is a **climate-resilient** non-timber forest produce (NTFP) that thrives in poor soils and erratic rainfall areas. It provides a vital economic pillar for tribal economies in drylands, although its potential is limited by weak market linkages.

**Background:** This grass is drought-resistant, requires minimal inputs, and remains productive for up to **15-17 years**.

### Key Points:

- **Ecological Advantage:** It grows well on degraded and marginal lands, making it ideal for land restoration in fragile ecosystems.
- **Inclusive Development:** The value chain supports rural development with a specific focus on the tribal economy in eastern India.
- **Value Chain Inefficiency:** Despite its resilience, the sector needs institutional support and market reforms to reach its full economic potential.

### Prelims Facts (One Liners):

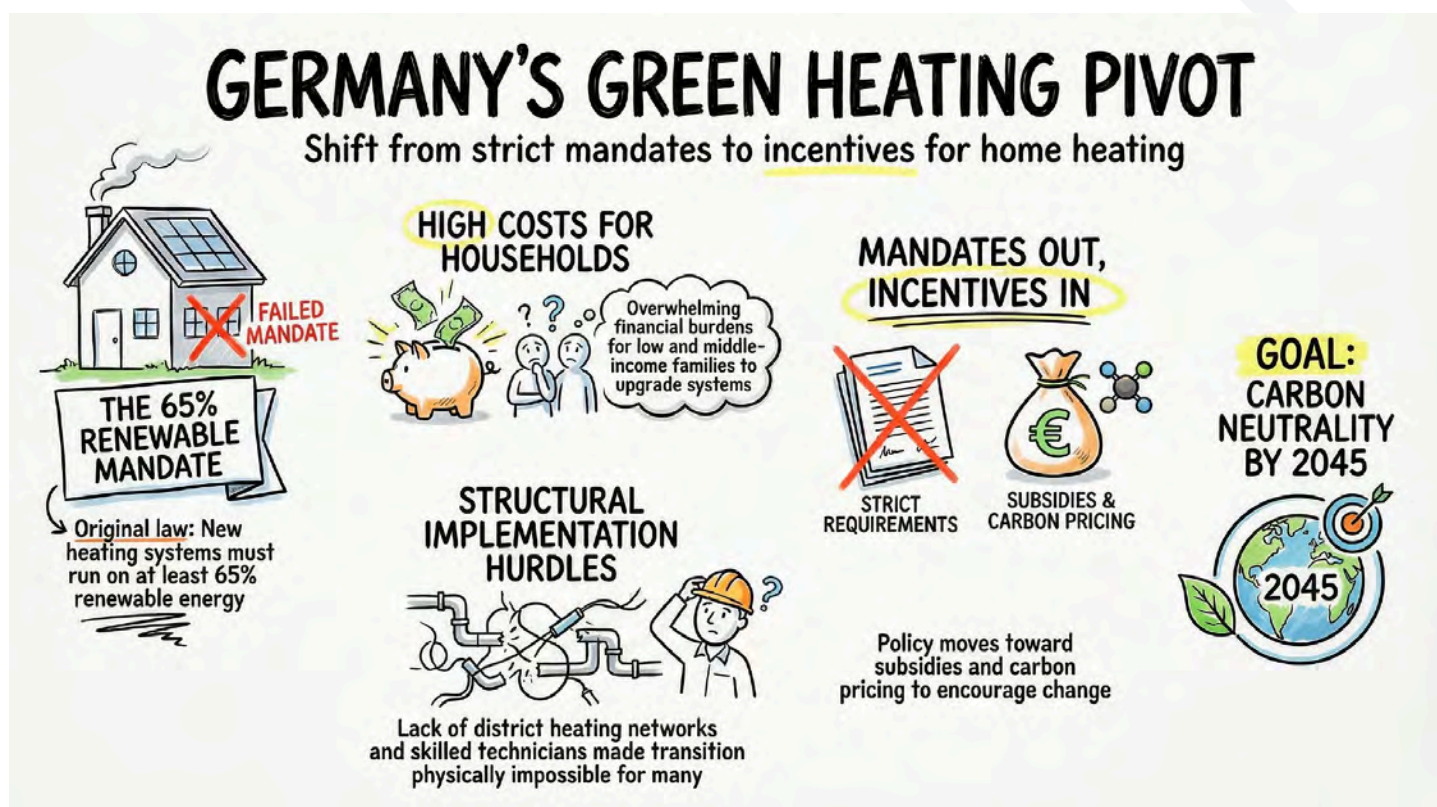
- **Sabai grass** is scientifically known as *Eulaliopsis binata*.



- Sabai grass can remain productive for up to **15–17 years**.

**MCQ Practice:** Q. Sabai grass is particularly ideal for which type of agriculture? A) Water-intensive paddy B) Climate-resilient agriculture in drylands C) High-altitude horticulture D) Urban vertical farming **Answer: B** ( )

## Topic 13: Green Heating Law: Germany



**Summary:** Germany recently scrapped its "green heating law," which had mandated that new heating systems run on at least **65% renewable energy**. The decision followed criticism regarding the high financial burden on low- and middle-income households.

**Background:** The law was part of Germany's Building Energy Act (GEG), aimed at achieving **carbon neutrality by 2045**.

### Key Points:

- **Implementation Gaps:** A lack of district heating networks and a skilled workforce created significant hurdles for homeowners.



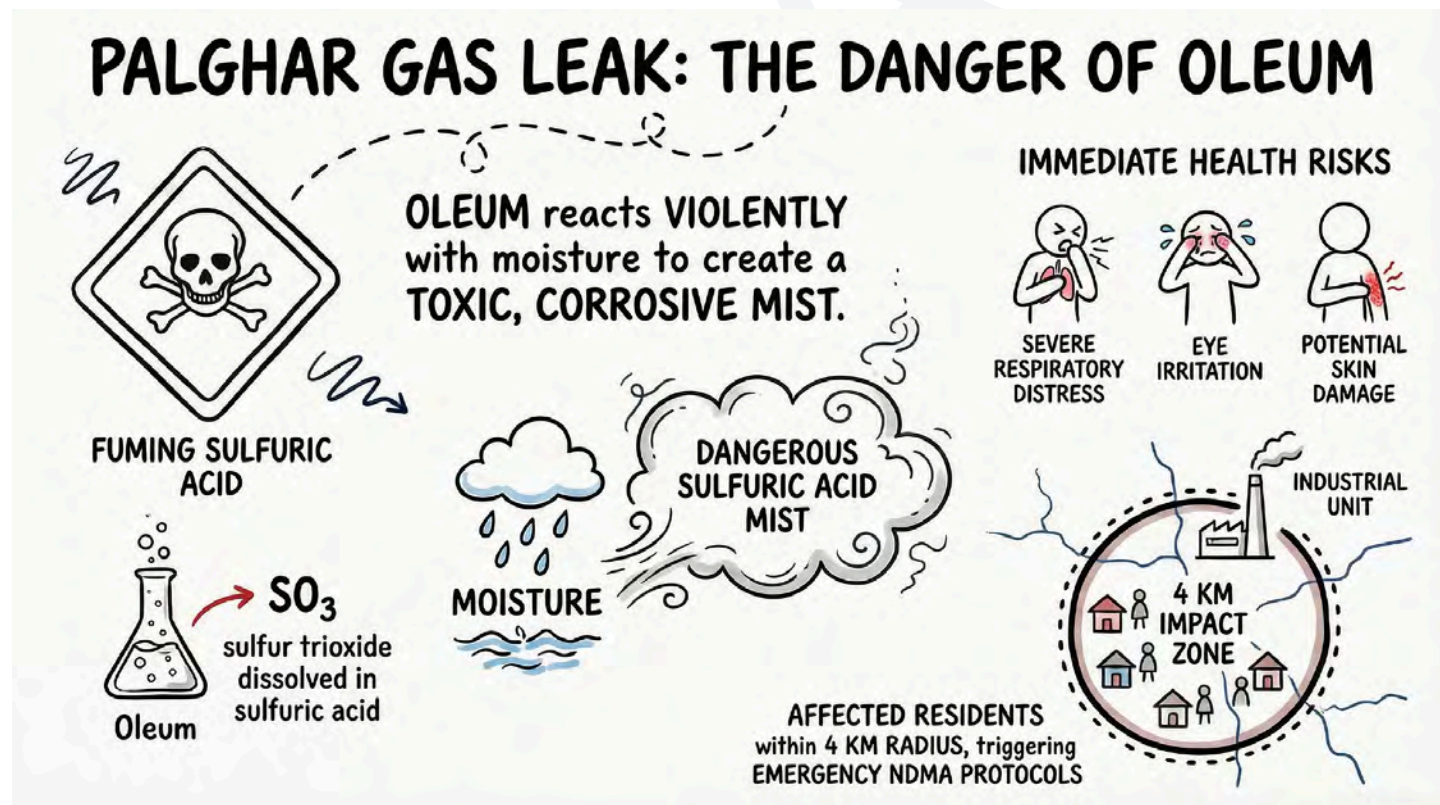
- **Political Economy:** The law's failure highlights the tension between ambitious environmental goals and public acceptance regarding energy affordability.
- **Shift in Policy:** Germany is now expected to move away from strict mandates toward incentive-based approaches like subsidies and carbon pricing.

**Prelims Facts (One Liners):**

- Germany's goal is to achieve **carbon neutrality by 2045**.
- The scrapped law required new systems to use at least **65% renewable energy**.

**MCQ Practice:** Q. What was the primary reason for the criticism and eventual scrapping of Germany's green heating law? A) Lack of renewable energy B) High upfront financial burden on households C) Interference from Russia D) Scientific inaccuracy **Answer: B** ( )

**Topic 14: Oleum Gas Leak in Palghar**



**Summary:** A hazardous **oleum gas leak** in Palghar, Maharashtra, recently affected residents within a 4 km radius, causing respiratory distress and eye irritation. Oleum is a highly reactive solution of sulfur trioxide in sulfuric acid, used in dyes and explosives.



**Background:** The leak triggered responses under the Environment (Protection) Act, 1986, and NDMA guidelines for hazardous chemicals.

**Key Points:**

- **Chemical Nature:** Oleum is known as "fuming sulfuric acid" and reacts violently with moisture to form a toxic sulfuric acid mist.
- **Health Hazards:** Exposure can cause severe respiratory distress, skin damage, and localized environmental contamination.
- **Industrial Use:** It is widely used in petroleum refining and the manufacturing of explosives and chemical dyes.

**Prelims Facts (One Liners):**

- **Oleum** is a solution of sulfur trioxide ( $SO_3$ ) in sulfuric acid ( $H_2SO_4$ ).
- Oleum gas leaks react with atmospheric moisture to form **sulfuric acid mist**.

**MCQ Practice:** Q. Oleum is a solution of Sulfur Trioxide dissolved in which acid? A) Nitric Acid B) Hydrochloric Acid C) Sulfuric Acid D) Phosphoric Acid **Answer: C** ( )

**Topic 15: Fishing Cats (Prionailurus Viverrinus)**

**THE WETLAND GUARDIAN: MEET THE FISHING CAT**

**An 'Obligate Wetland Species'**  
Biologically dependent on healthy marsh, mangrove, and floodplain ecosystems to survive.

**Highest Legal Protection Status**  
Listed under Schedule I of the Wildlife Protection Act, 1972, granting them the same protection as tigers.

**IUCN Status: Vulnerable (VU)**  
Facing significant threats from habitat loss and the degradation of wetlands.

**57 Individuals in Kaziranga**  
First scientific assessment recently confirmed a foundational population in the Brahmaputra floodplains.

**Flagship for Riverine Conservation**  
Protecting this species is the key to preserving the entire riverine ecosystem and its biodiversity.



**Summary:** The first scientific assessment of **fishing cats** in Kaziranga National Park revealed at least 57 individuals. As an "obligate wetland species," their presence is a key indicator of healthy marsh and mangrove ecosystems.

**Background:** Fishing cats are found across South and Southeast Asia, but they face threats from habitat loss and wetland degradation.

### Key Points:

- **Legal Protection:** They are listed under **Schedule I** of the Wildlife Protection Act, 1972, giving them the same protection as tigers and elephants.
- **IUCN Status:** The fishing cat is currently categorized as **Vulnerable (VU)** on the IUCN Red List.
- **Ecosystem Role:** Because they are strongly dependent on swamps and floodplains, they are considered a flagship species for riverine conservation.

### Prelims Facts (One Liners):

- Fishing cats are categorized as **Vulnerable** on the IUCN Red List.
- The first scientific assessment in **Kaziranga** found 57 individuals.

**MCQ Practice:** Q. What is the IUCN Red List status of the Fishing Cat? A) Least Concern B) Endangered C) Vulnerable D) Extinct **Answer: C** ( )

