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EN-BUZZER

Daily News Analysis

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1. Fog and Aerosols

Prelims Perspective: What needs to be learned

- What is fog and condition necessary for formation?
- Effects of Fog
- Aerosols and their relation with fog

What needs to be known?

- **Fog**
 - **What is it?:** It is a condition in which the tiny water droplets or ice crystals remain suspended near the Earth's surface,
 - **Formation:** Fog forms when air near the surface cools to its dew point or when moisture is added to the air
- **Aerosols and Their Relation with Fog**
 - **What is Aerosols?:** Aerosols are tiny solid or liquid particles suspended in the atmosphere for example dust, smoke, soot, pollen.
 - **Relation with Fog:** Aerosols act as Condensation Nuclei (CN).



2. Weimar Triangle

Prelims Perspective: What needs to be learned?

- What is it?
- Aim and member Countries

Mains Perspective: Notes need to be prepared

- Regional Grouping(GS II- International Relations)

What needs to be known?

- Weimar Triangle

- **What is it?:** It is a trilateral political and diplomatic grouping of France, Germany & Poland established in 1991.
- **Aim:** It aims to build a united, secure, and resilient Europe & strengthen political, security, and economic cooperation among Western and Central European powers.
- **Recent Development:** India participated for the first time in the Weimar Triangle format.



3. Bannerghatta National Park

Prelims Perspective: What needs to be learned?

- Location of Bannerghatta National Park
- Basic difference between different protected areas- National Park, Wildlife sanctuary & Biosphere reserve.
- What is Eco Sensitive Zone (ESZ)

Mains Perspective: Notes need to be prepared

- Biodiversity Conservation (**GS III- Environment**)

What needs to be known?

- **Bannerghatta National Park**
 - **Location:** Karnataka
 - **Fact:** India's first butterfly enclosure.
 - **Vegetation:** Dry Deciduous Scrub Forests, Southern Tropical Dry Deciduous Forests and Southern Tropical Moist Mixed Forests.
 - **Known For Species Like:** Pangolin, Slender loris, Tiger and Elephant.
- **Eco Sensitive Zone (ESZ)**
 - **What is it?:** Eco-Sensitive Areas (ESAs) are regions surrounding protected areas like national parks and wildlife sanctuaries, designated to act as buffer zones to reduce the impact of human activities on biodiversity.
 - **Governed Under:** Environmental (Protection) Act, 1986, and outlined in the National Wildlife Action Plan (2002-2016)
 - **Activities**
 - ★ **Prohibited:** Commercial mining, industries causing pollution, large hydroelectric projects, sawmills, and use of wood for commercial purposes.
 - ★ **Regulated:** Felling trees, constructing hotels/resorts, commercial use of water, electrical cables, changing agricultural systems.
 - ★ **Permitted:** Organic farming, rainwater harvesting, use of renewable energy, ongoing agricultural practices.