



4. **Report on lead poisoning by UNICEF** | United Nations Children's Fund (UNICEF) and non-profit Pure Earth has released a report titled "The Toxic Truth: Children's exposure to lead pollution" | Lead poisoning is affecting children on a "massive and previously unknown scale" | Around 1 in 3 children – up to 800 million globally – have blood lead levels at, or above, 5 micrograms per decilitre (µg/dL), the amount at which action is required | half of these children live in South Asia |
5. **INDIAN LEOPARD** | The Indian leopard is one of the big cats occurring on the Indian subcontinent, apart from the Asiatic lion, Bengal tiger, snow leopard and clouded leopard | Scientific Name → *Panthera pardus* | Habitat → In India, the leopard is found in all forest types, also found in dry scrubs and grasslands, the only exception being desert and the mangroves of Sundarbans | Listed on a par with Tigers under Schedule 1 of the Wildlife Protection Act (WPA), 1972 | Listed in Appendix I of CITES | Listed as Vulnerable on the IUCN Red List |
6. **Aarhus Convention** | Aarhus Convention, 1998, which stipulates that environmental rights and human rights are linked | states that the present generation owes an obligation to future generations | links government accountability and environmental protection | focuses on interactions between the public and public authorities in a democratic context | establishes a number of rights of the public, individuals and their associations with regard to the environment. | UNECE Convention on Access to Information, Public Participation in Decision-making and Access to Justice in Environmental Matters, usually known as the Aarhus Convention, was signed on 25 June 1998 in the Danish city of Aarhus | March 2014, it has 47 parties—46 states and the European Union | All of the ratifying states are in Europe and Central Asia |
7. **Hoolock Gibbons** | Hoolock Gibbons threatened with extinction in two Manipur districts. | primate is native to eastern Bangladesh, Northeast India and Southwest China | two ape species: eastern (Vulnerable) and western hoolock (Endangered) gibbons | Threats (applicable to both) → Deforestation for timber, forest fires and hunting |
8. **Source - Sink Dynamics & Tiger Population** | the tiger population in the source-sink is in the ratio of 60:40. | Source-sink dynamics is a theoretical model used by ecologists to describe how variation in habitat quality may affect the population growth or decline of organisms | Source, is a high-quality habitat that on average allows the population to increase. | Sink, is very low-quality habitat that, on its own, would not be able to support a population | 33% of the tiger population in India lives outside its source i.e, tiger reserves. | 17/50 tiger reserves in India are going to achieve its maximum capacity to hold the tiger populations. |
9. **TRAFFIC study on leopards** | TRAFFIC India has released a paper titled "SPOTTED' in Illegal Wildlife Trade: A Peek into Ongoing Poaching and Illegal Trade of Leopards in India" | total of 747 leopard deaths between 2015-2019 in India, 596 were linked to illegal wildlife trade and activities related to poaching | highest numbers of poaching incidents were reported from the States of Uttarakhand and Maharashtra | illegal wildlife trade, skin remained the most in-demand product, accounting for 69% of all seizures, while derivatives like claws, teeth and bones were also traded | **TRAFFIC**: non-governmental organisation(NGO) working globally on the trade of wild animals and plants | was founded in 1976 as a strategic alliance of the World Wide Fund for Nature (WWF) and the International Union for the Conservation of Nature (IUCN) | Location → Cambridge, UK |
10. **International Solar Alliance (ISA)** | a multilateral forum jointly launched by India and France on the side-lines of the 21st Conference of Parties (COP 21) to the United Nations Framework Convention on Climate Change in 2015 | work for efficient exploitation of solar energy to reduce dependence on fossil fuels | Members → Till now, 87 countries have signed the Framework Agreement of the ISA and of these 67 have deposited their instruments of ratification | Headquarters → Gurugram, India | collectively address key common challenges to scale up solar energy applications | To mobilize investments of more than USD 1000 billion by 2030 | To scale up applications of solar technologies in member countries |
11. **BEEG (Bio -compost Enriched Eco-friendly Globule)** | These are seed balls consisting of indigenous variety of seeds, compost and clay | no need for digging pits for planting saplings | BEEG is enriched with the right ingredients and seeds to germinate early and are the best way