

Rapid Fire Current Affairs

Joint Call to Action for Forests Towards 2030

The Collaborative Partnership on Forests (CPF), consisting of 16 global organisations chaired by the <u>United Nations Food and Agriculture Organization (FAO)</u>, has introduced the Joint Call to Action for Forests towards 2030.

- Their objective is to emphasise the urgent need for increased action and political commitment in implementing forest solutions to align with the UN mandated Sustainable Development Goals (SDGs).
- The initiative encompasses four key areas: Implementation and action; data, science, and innovation; finance for forests; and communication and awareness-raising.

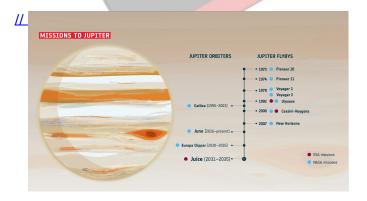
Read more: Sustainable Development Goals

Agumbe's Rainfall Dominance Wanes as New Rain Gauges Emerge

Agumbe Rainforest Complex (ARC), in Karnataka long renowned for its exceptional <u>rainfall</u> and often referred to as the 'Cherrapunji of the South,' is losing its historical status due to the installation of new rain gauges in the region.

- While Agumbe has been a rain gauge site for over a century, recent installations in areas like
 Nadpal and Mudradi have revealed higher rainfall levels, pushing Agumbe down the ranking.
 - A rain gauge is a meteorological instrument used to measure the amount of precipitation, typically rainfall, that falls over a specific period of time in a particular location
- These new gauges, operational since 2022, show that Agumbe received 6,251.5 mm of rain in 2022-2023, making it the third-highest in Karnataka.
- Despite these changes, Agumbe's rainfall data remains valuable for researchers studying biodiversity, hydrology, and the unique habitat of the King Cobra.

Juno



Juno is a solar-powered NASA spacecraft that makes long, looping orbits around giant planet

Jupiter.

- Juno was launched on 5th August, 2011. The spacecraft traveled roughly 3 billion kilometers before arriving at Jupiter in 2016.
- Juno conducted its 53rd close <u>flyby</u> of Jupiter, capturing a remarkable image of Jupiter and its volcanic moon lo, on 31st July 31, 2023.
 - **Io** is known for its **intense volcanic activity**, with hundreds of erupting volcanoes spewing molten lava and sulfurous gasses.
 - It is slightly larger than <u>Earth's Moon</u>, and is tidally locked to Jupiter and completes both its rotation on its axis and orbit around Jupiter in **approximately 1.8 Earth days.**

Read more: <u>Juno</u>, <u>Jupiter</u>

