



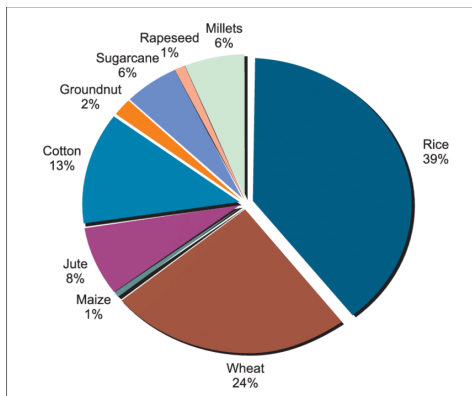
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National and International News

CoP28 turns attention to potent methane emissions

Methane emission in Agri:

In India, the agriculture sector is responsible for more than 60% of methane emissions.



Context

CoP28 Focus: The upcoming CoP28 meeting in Dubai is expected to target methane emissions, alongside the traditional focus on carbon dioxide (CO2), for effective climate action.

Key points

Methane's Role in Climate Change:

- Methane (CH4) is a potent greenhouse gas, despite its relatively short lifespan in the atmosphere.

Sources of Methane Emissions:

- Agriculture is the largest contributor (for about a quarter of methane emissions). Key sources include Livestock and Rice Cultivation.
- Energy Sector is the second-largest source (Methane leaks from gas pipelines, fossil fuels and other energy infrastructure)
- Waste Management: Decomposition of household waste in landfills also releases significant methane quantities.

Key facts about Methane

A recent IEA report estimates that rapid cuts in methane emissions linked to the fossil fuel sector could prevent up to 0.1 degrees Celsius of warming by mid-century.

- It is the second largest contributor to climate change, accounting for around 16% of the warming effect.
- Methane remains in the atmosphere for only about 10 years, but has a much more powerful warming impact than CO2.
- Its warming effect is 28-times greater than CO2 over a 100-year timescale.
- Around 60% of methane emissions are linked to human activity, the IEA says, while most of the remainder is from wetlands.

PM participates in Sant Mirabai Janmotsav in Mathura, UP

Context

- PM Modi offered prayers at Sri Krishna Janmabhoomi Temple in Mathura.
- The PM attended 'Mirabai Janmotsav', organized to celebrate the 525th birth anniversary of the poet and Krishna devotee.

Key points

Historical Background:

- Mirabai, a prominent figure in the Bhakti movement, was born into the Rathore Rajput royal family in Kudki, Pali district,



PM to visit
Mathura
to participate
in 'Mirabai
Janmotsav' on
23rd November



Rajasthan.

Devotion to Lord Krishna:

- Mirabai is renowned for her deep devotion to **Lord Krishna**, viewing him as her beloved. This devotion was transformative, leading her to renounce royal life for spiritual pursuits.

Life After Widowhood:

- Following her husband's death, Mirabai left the Mewar kingdom to undertake pilgrimages, furthering her spiritual journey.

Inclusivity in Devotion:

- Mirabai was a strong advocate for inclusivity in spirituality, emphasizing that divine grace is accessible to all, **regardless of birth, poverty, age, or gender.**

Contribution to Bhakti Movement:

- Mirabai's extensive collection of devotional songs and lyrics significantly contributed to the Bhakti movement, enriching India's cultural heritage.

Enduring Legacy:

- Her legacy persists through the widespread singing of her bhajans, notably '**Payoji Maine Naam Ratan Dhan Payo.**'

Literary Reference:

- Mirabai is mentioned in '**Bhaktamal**', a work by Nabha Dass, highlighting her significance in spiritual literature.

Survey of India to create 3D maps
of cities, towns

Context

Survey of India partners with **Genesys International for 3D city maps**, a pioneering collaboration.

Key points

- These are called '**Digital Twins**,'
- These maps show cities in **3D** and, when combined with detailed pictures, help in various planning tasks.
- Genesys will work together to create "**3D digital twins**" for big cities, make a 3D data model for urban areas, and sell geospatial data products using a "**content-as-a-service**" approach.
- They've already made digital twins for places like **Ayodhya, Dharavi in Mumbai, Kochi, and Kanpur.**

Fathima Beevi

Context

Fathima Beevi, the **first woman judge** in the Supreme Court, passes away.

Key points

- She emerged first in a competitive exam conducted by the **Public Service Commission** and joined the judicial services as a



Daily Current Affairs Encyclopedia



munsiff.

- Years later, she became the first woman member of the country's **Income Tax Appellate Tribunal**, before becoming the first Muslim woman to enter the higher judiciary as a **judge in the Kerala High Court in 1983**.
- She went on to become the first woman judge in the Supreme Court of India, six years later.
- She was the **Governor of Tamil Nadu from 1997 to 2001**.

L&T Finance signs financing pact with ADB for \$125 mn to support rural borrowers

Context

L&T Finance, a non-banking financial company (NBFC), has signed a financing agreement with **Asian Development Bank (ADB)** for \$125 million to support financing (particularly for women borrowers) in **rural and peri-urban areas in India**.

Key points

- The funding includes a loan of up to **\$125 million** from ADB and an agreement to get another **\$125 million** from other partners.
- At least **40% of the money** will help women borrowers, and the rest will support farmers, small businesses, and loans for buying new two-wheeled vehicles.

Velavan and Anahat clinch maiden crowns



Context

- **Velavan Senthilkumar (Tamil Nadu)** and **Anahat Singh (Delhi)** won their maiden men's and women's National titles at the **79th National squash championships**
- The 15-year-old Anahat is the second youngest ever to clinch the women's crown, only behind Joshna Chinappa who won her first title in 2000 as a 14-year-old.

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