Prelim Bits 08-06-2022 | UPSC Daily Current Affairs

State Food Safety Index 2021-22

On World Food Safety Day (June 7), the Union Health Minister released the FSSAI's 4th State Food Safety Index (SFSI) for the year 2021-22.

- The State Food Safety Index (SFSI) is prepared by the Food Safety and Standards Authority of India (**FSSAI**).
- It measures the quantitative and qualitative performance of States/ UTs on the basis of **5 parameters** of food safety set by the Health Ministry.
- These parameters are,
    1. Human Resources and Institutional Data (with 20% weightage),
    2. Compliance (with 30% weightage),
    3. Food Testing - Infrastructure & Surveillance (with 20% weightage),
    4. Training & Capacity Building (with 10% weightage) and
    5. Consumer Empowerment (with 20% weightage).

4th State Food Safety Index	
Category	**Toppers**
Larger States	Tamil Nadu, Gujarat and Maharashtra
Smaller States	Goa, Manipur and Sikkim
Union Territories	Jammu and Kashmir, Delhi and Chandigarh

- States/UTs with significant improvement in ranking during last year are,
    1. Uttarakhand in Large State Category
    2. Tripura in Small States Category
    3. Ladakh in the category of UTs.
- **Related Links** - Eat Right Movement, EatSmart Cities Challenge

Reference

1. https://www.thehindubusinessline.com/news/national/world-food-safety-day-union-health-minister-releases-fssais-4th-state-food-safety-index/article65503350.ece
2. https://www.thehindu.com/todays-paper/tamil-nadu-tops-food-safety-index/article65505667.ece
3. https://www.fssai.gov.in/cms/foodsafetyindex.php
4. https://www.fssai.gov.in/upload/uploadfiles/files/Report_SFSI_06_06_2022.pdf

Carbon Bombs

A group of environmentalists, lawyers, and activists have come together to identify and 'defuse carbon bombs'.

- Carbon Bombs are the **coal, oil and gas projects** that have the potential to contribute significantly to global warming.
- Each of such projects will release at least a **billion tonnes of CO2** emissions into the

atmosphere over its lifetime.
- In total, around **195 such projects** have been identified world over, including in the US, Russia, West Asia, Australia and India.
- More than 60% of these carbon bomb projects are already underway.
- They will collectively overshoot the limit of emissions that had been agreed to in the Paris Agreement of 2015.

LINGO

- The network working towards the goal of 'defusing' Carbon Bombs is called Leave It In the Ground Initiative (LINGO).
- Its mission is to leave fossil fuels in the ground and learn to live without them.
- LINGO believes the root of climate change is the burning of fossil fuels, and the **100% use of renewable energy sources is the solution**.
- It aims to organise ground support for protesting the carbon bomb projects, challenge them through litigation, and conduct analysis and studies for the same.

Reference

1. https://indianexpress.com/article/explained/what-are-carbon-bombs-why-environmentalists-want-them-defused-7957290/
2. https://www.leave-it-in-the-ground.org/projects/carbon-bombs/

Rogan Painting and Sanjhi Art

Indian Prime Minister gifted Sanjhi art and a wooden hand-carved box with Rogan painting to his fellow Quad leaders from Australia, the US and Japan.

Rogan Painting

- Rogan painting is an **art of cloth printing** practised in Kutch district of **Gujarat**.
- The word 'Rogan' comes from Persian, meaning varnish or oil.
- In the craft, paint made from boiled oil and vegetable dyes is laid down on fabric using either a metal block (printing) or a stylus (painting).
- **Paint** - A special paste made of castor is used in this craft.
- Castor seeds are hand-pounded to extract the oil and turned into a paste by boiling, Colored powder diluted in water is then mixed with this.
- The pastes of different colors yellow, red, blue, green, black and orange are stored in earthen-pots with water to prevent them from drying up.
- **Process** - Artists place a small amount of this paint paste into their palms.
- At room temperature, the paint is carefully twisted into motifs and images using a metal rod (kalam) that never comes in contact with the fabric.
- Next, the artisan folds his designs into a blank fabric, thereby, printing its mirror image. In effect, it is a very basic form of printing.
- Previously, the designs were simple and rustic in nature but with the passage of time, the craft has become more stylised and now is regarded as a high art form.

Sanjhi Art

- Sanjhi Art is the ancient art of **hand-cutting designs** on paper.
- This art of paper stencilling is practised across Mathura and Vrindavan in **Uttar Pradesh**.
- It is a tradition of art that originated out of the cult of Krishna.

- It was traditionally used to make ritualistic and ceremonial rangolis in temples dedicated to Lord Krishna.

Reference

1. https://www.hindustantimes.com/world-news/pm-modi-gifts-rogan-painting-from-gujarat-to-japan-s-fumio-kishida-10165339673148html
2. https://gurjari.gujarat.gov.in/craft/rogan-painting
3. https://timesofindia.indiatimes.com/world/europe/gond-art-painting-specimen-of-sanjhi-art-form-and-wooden-hand-carved-box-pm-modis-gifts-to-quad-leaders/articleshow/91771704.cms
4. https://cultureandheritage.org/2022/06/sanjhi-art-of-mathura-in-uttar-pradesh-the-art-of-hand-cut-paper-designs.html

Sievierodonetsk

The Battle of Sievierodonetsk is an ongoing military engagement during the 2022 Russian invasion of Ukraine, as part of the Battle of Donbas of the Eastern Ukraine offensive.

- Administratively, Sievierodonetsk falls under Ukraine's Luhansk oblast.
- Sievierodonetsk is one of the largest cities of the Donbas region.
- It is located nearly 140 km south of the Russian border.
- It is located near the left bank of the Siverskyi Donets River, and has a population of over a lakh.
- Sievierodonetsk is a big industrial hub known for chemical works and machine-building factories.
- If the city of Sievierodonetsk falls, then it will allow Russia to control the entire Luhansk region.
- Many fear that the city could become the next Mariupol, the southern port city that was heavily destroyed before it fell into Russian hands.
- **Related Links** - Fall of Mariupol

Reference

1. https://indianexpress.com/article/explained/everyday-explainers/explained-sievierodonetsk-battle-russia-7955992/
2. https://timesofindia.indiatimes.com/world/rest-of-world/ukraine-may-have-to-pull-back-to-stronger-positions-in-sievierodonetsk-governor-says/articleshow/92076975.cms

Green Jobs

During his speech at an event to mark World Environment Day, Prime Minister mentioned India's efforts to create 'green jobs'.

- 'Green jobs' refer to a class of jobs that directly have a **positive impact on the planet**, and contribute to the overall environmental welfare.
- These include jobs involving renewable energy, conservation of resources, ensuring energy efficient means.
- In all, they're aimed at reducing the negative environmental impact of economic sectors and ultimately lead to environmentally, economically and socially sustainable enterprises and economies.
- It furthers the process of creating a **low-carbon economy** or decarbonisation.

- Green jobs are decent jobs that:
    1. Reduce consumption of energy and raw materials;
    2. Limit greenhouse gas emissions;
    3. Minimize waste and pollution; and
    4. Protect and restore ecosystems.
- Green jobs can be created in all sectors and types of enterprises, in urban and rural settings, and in sub-national regions at all levels of economic development.

Skill Council for Green Jobs

- The Skill Council for Green Jobs (SCGJ) was launched by the Union government in 2015 under the Societies Registration Act XXI, 1860.
- Aligned to the National Skill Development Missions, it was set up to be a not-for-profit, independent, industry-led initiative.
- It is promoted by the Ministry of New and Renewable Energy (**MNRE**) and the Confederation of Indian Industry (**CII**).
- It aims to help manufacturers and other service providers in India's 'green business' sector to implement industry-led, collaborative skills push the country on the path to realising the potential of 'green jobs'.

Green Jobs Initiative

- This initiative was launched collectively in 2008 by
    1. The International Labour Organization (ILO);
    2. The United Nations Environment Programme (UNEP);
    3. The International Organization of Employers (IOE);
    4. The International Trade Union Confederation (ITUC)
- The Green Jobs Initiative aimed at bettering placements, training and creating opportunities for individuals to work in 'green jobs'.
- It promotes opportunity, equity and a just transition towards green economy and solutions to defining challenges such as sustainable development and climate change.
- It encourages governments, employers and workers to collaborate on coherent policies and programmes to realize a sustainable and just transition with green jobs and decent work for all.
- The project aims to support its constituents, namely government, enterprises, and workers, to move towards a socially fair transition to low carbon and green economy at national and local level.

> The UNEP's Emissions Gap report 2019 says that it is essential for greenhouse gas emissions to reduce by 7.6% per annum between the years 2020 to 2030 in order to reach the target that was set during the Paris Agreement.

Reference

1. https://indianexpress.com/article/explained/what-are-green-jobs-pm-modi-world-environment-day-speech-7957457/
2. https://www.ilo.org/beijing/what-we-do/projects/WCMS_182418/lang--en/index.htm
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