

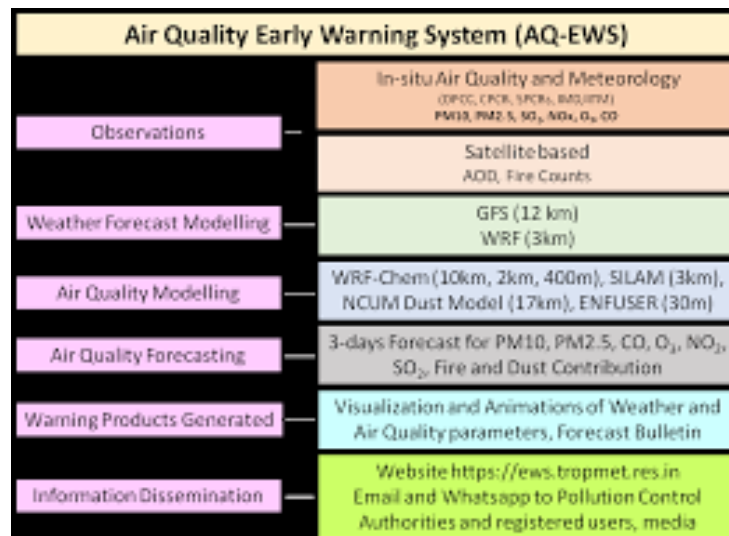
October - 22

TNPSC BITS

- ❖ The Chief Economist and Director of the Research Department of International Monetary Fund (IMF), Gita Gopinath, is set to leave her job in January 2022.
 - She is the first-ever woman Chief Economist of the IMF.
- ❖ Fencer Bhavani Dev has won the Charleville National Competition in France in the individual women's sabre event.
 - She is currently ranked 50th in the world and is the top-ranked fencer from India.
- ❖ The Indian American scientist Dr. Vivek Lall was presented with the Lifetime Achievement Award at Ritossa Family Summits in Dubai recently.
 - Dr. Lall is known for playing a key role in enhancing India-U.S. defence trade
- ❖ Uttarakhand has administered the first dose of the COVID-19 vaccine to its entire eligible population.

NATIONAL

Enhanced Air Quality Early Warning System



- ❖ The Indian Institute of Tropical Meteorology (IITM) has developed a new 'Decision Support System' (DSS) as well as 'Air Quality Early Warning System' (AQEWS)

- ❖ DSS and AQEWS systems were launched for better air-quality management in the Delhi-NCR region.
- ❖ A unique feature of the system comprises providing information on the contribution of biomass-burning activities in the adjoining states.

Fourth General Assembly - ISA

- ❖ The Fourth General Assembly of the International Solar Alliance (ISA) has been organised virtually.
- ❖ The Assembly will be presided over by President of the ISA Assembly RK Singh.
- ❖ He is also the Union Minister for New and Renewable Energy.



Kushinagar International Airport





- ❖ Prime Minister Narendra Modi inaugurated the Kushinagar International Airport at the Lord Buddha's Parinirvana in Uttar Pradesh.
- ❖ The airport is aimed at boosting tourism on the Buddhist circuit.
- ❖ The ancient city of Kushinagar is the final resting place of Gautama Buddha.
- ❖ Here he attained Maha Parinirvana after his death.

INTERNATIONAL

Africa's glaciers

- ❖ The World Meteorological Organization (WMO) and other agencies, released their new report recently.
- ❖ In their report, these agencies warned that Africa's rare glaciers are going to disappear in the next two decades because of climate change.
- ❖ The report was released ahead of the "U.N. climate conference" which is scheduled in Scotland.
- ❖ The report notes that the shrinking glaciers of Mount Kenya, Mount Kilimanjaro, and the Rwenzori Mountains in Uganda are the symbol of rapid and widespread changes to come.

Russia to help India tackle coal shortage

- ❖ India and Russia have signed a memorandum of understanding (MoU) to collaborate in the mining and steel sector.
- ❖ The MoU especially focuses on coking coal.
- ❖ The signing of the deal is part of India's National Steel Policy 2017.
- ❖ Under the National Steel Policy 2017, India aims to reach 300 million tonne steel production by 2030.
- ❖ It is also working on forward and backward integration.

SCIENCE AND TECHNOLOGY

New server chip

- ❖ Alibaba Group Holding Limited has launched a new server chip on the basis of advanced 5-nanometer technology.
- ❖ This marks a milestone in light of the semiconductor self-sufficiency of China.

- ❖ The newest chip was launched on the basis of micro-architecture provided by SoftBank Group Corporation.



ENVIRONMENT

Emissions related to Crop Burning

- ❖ The Climate tech start-up, Blue Sky Analytics, published its report on emissions related to crop burning.
- ❖ In the report, India has been ranked at the top position.
- ❖ As per the report, India accounted for 13 per cent of total global emissions in the period of 2015-2020.
- ❖ The report notes a 12.2 per cent contribution by India towards the cropland fire emissions in 2020 alone.

STATES

Generating power with stubble

- ❖ Sukhbir Agro Energy Limited biomass power plant in Ferozpur in Punjab is generating electricity using paddy stubble.
- ❖ The initiative by this biomass power plant in Ferozpur has been termed favourable for farmers.
- ❖ The Farmers will be now paid for selling stubble to the plant.

PERSONALITIES, AWARDS, AND EVENTS

Martial Arts Education Prize 2021

- ❖ The Prestigious “Martial Arts Education Prize 2021” was conferred to the Kung Fu Nuns of the Drukpa order of Buddhism.
- ❖ The prize was given to them from the UNESCO International Centre for Martial Arts.
- ❖ The Prize recognises the historic “acts of service and championing of gender equality in the Himalayas” by the Kung Fu Nuns.
- ❖ Through martial arts, Drukpa nuns empower young girls with defending themselves, taking leadership roles across their communities and building confidence.

SPORTS

Curtis Campher



- ❖ Ireland pacer Curtis Campher became only the third bowler to claim four wickets in four balls in T20Is.
- ❖ This feat was achieved when Ireland beat the Netherlands in their first-round Group A T20 World Cup match.

Honorary Life Membership

- ❖ India's Harbhajan Singh and Javagal Srinath joined 16 other cricketers to receive the Honorary Life Membership of Marylebone Cricket Club (MCC).

- ❖ Harbhajan Singh is India's third-highest wicket-taker in Tests, with 417 wickets in 103 Tests.
- ❖ Srinath is one of the country's greatest ODI players, having taken 315 wickets.
- ❖ He ended his career as India's second-highest wicket-taker in 50-over internationals.



IMPORTANT DAYS

World Statistics Day – 20 October



- ❖ The day is observed to highlight the achievements of the Fundamental Principles of Official Statistics.



- ❖ The celebration of World Statistics Day 2021 is a global collaborative endeavour, organized under the guidance of the United Nations Statistical Commission.
- ❖ The first World Statistics Day was celebrated on 20 October 2010
- ❖ In 2015, the day was marked once again, with the theme of “Better data, better lives.”
- ❖ In 2015, it was also decided to mark the occasion every five years.
- ❖ In 2020, the theme for the third World Statistics Day was “Connecting the world with data we can trust”.

World Osteoporosis Day (WOD) – 20 October

- ❖ The day aims to raise global awareness of the prevention, diagnosis and treatment of osteoporosis and metabolic bone disease.
- ❖ The day is organized by the International Osteoporosis Foundation (IOF).
- ❖ In 2021, the Global WOD Campaign theme is “Serve Up Bone Strength”.

International Chefs Day – 20 October



**INTERNATIONAL
CHEFS DAY
20 OCTOBER 2021**



- ❖ The day aims to celebrate and honour the noble profession and educate people around the world about eating healthy.
- ❖ The theme of the International Chefs Day 2021 campaign is Healthy Food for the Future.
- ❖ International Chefs Day was created by Dr Bill Gallagher.

MISCELLANEOUS

Mercer Global Pension Index - 2021

- ❖ Mercer Consulting has released the 13th edition of the Mercer Global Pension Index (2021 MCGPI).



- ❖ India has been ranked at 40th position out of 43 countries in the 2021 Mercer CFS Global Pension Index survey.
- ❖ In 2020, India was ranked at 34th position out of 39 pension systems.
- ❖ Iceland has topped this ranking.
- ❖ It was followed by the Netherlands and Norway.
- ❖ India had an overall index value of 43.3.
- ❖ Thailand had the lowest overall index.

INDIA

40th index ranking
among 43 systems

43.3 India's index
value in 2021, a
decline from 45.7 in
2020, primarily due
to a fall in the net
replacement rates

India's overall index value can be increased by:

- Introducing a minimum level of support for the poorest aged individuals
- Reducing the level of household debt as a percentage of GDP
- Increasing the pension age as life expectancy continues to increase
- Reducing government debt as a percentage of GDP

Data: 2021 Mercer CFA Institute Global Pension Index

