

December - 20

## TNPSC BITS

- ❖ Chairman of Tata Sons, N Chandrasekaran has been appointed as the chair of B20 India, which represents the entire G20 business community.
- ❖ India's first Drone Skilling and Training Virtual E-Learning Platform was inaugurated at the Chennai manufacturing facility of Garuda Aerospace, a drone-based Startup of India.
- ❖ The World Ayurveda Congress & Arogya Expo 2022 was held in Goa.
- ❖ The Food and Agriculture Organization organized an opening ceremony for the International Year of Millets – 2023 in Rome, Italy.
- ❖ Bangladesh Prime Minister Sheikh Hasina was named the "Global Ambassador for Diabetes" by the International Diabetes Federation (IDF) at the opening ceremony of the World Diabetes Congress 2022 held in Lisbon, Portugal.

## NATIONAL

### PathoDetect Kit



- ❖ Mylab Discovery Solutions' 'PathoDetect' kit claims to detect TB accurately.
- ❖ It completes automated testing of multiple samples within two hours.
- ❖ This kit will use the same technology – RT-PCR – as used in the Covid testing.

- ❖ It is a molecular kit, which extracts the DNA information and identifies if the genes are of TB-causing bacteria.

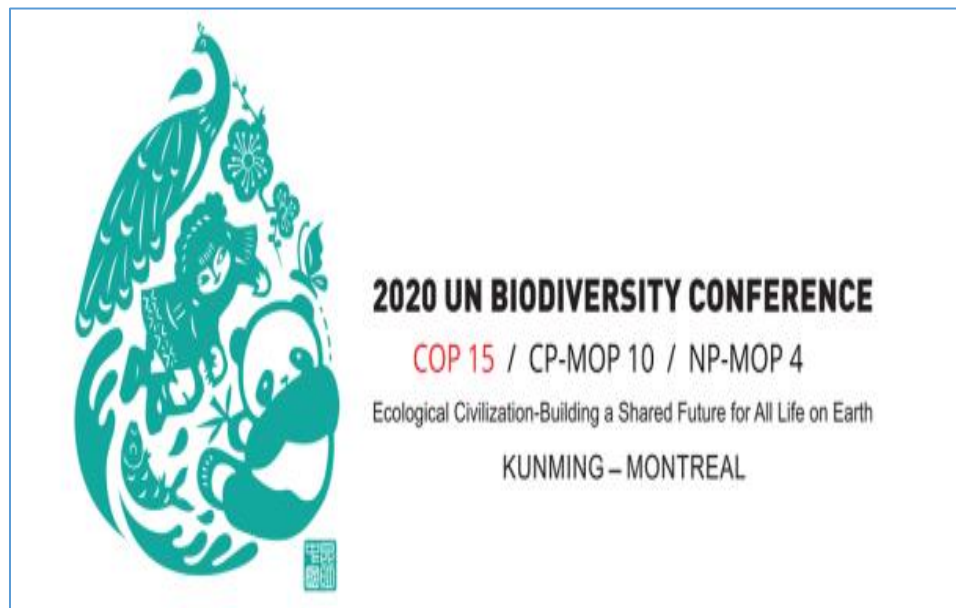
## **INTERNATIONAL**

### **First International Fleet Review of the Bangladesh Navy**

- ❖ The Bangladesh Navy hosted the first-ever International Fleet Review.
- ❖ Naval commanders, ships from some 30 countries including the United States, China, India and the neighbouring Myanmar would participate in the international gathering.
- ❖ Indian Navy ships Kochi, Kavaratti and Sumedha will participate in this.
- ❖ The key purpose of hosting the IFR would be to deepen relations among the naval forces on the Indo-Pacific Ocean.

## **ENVIRONMENT**

### **U.N. Convention on Biological Diversity - COP 15**



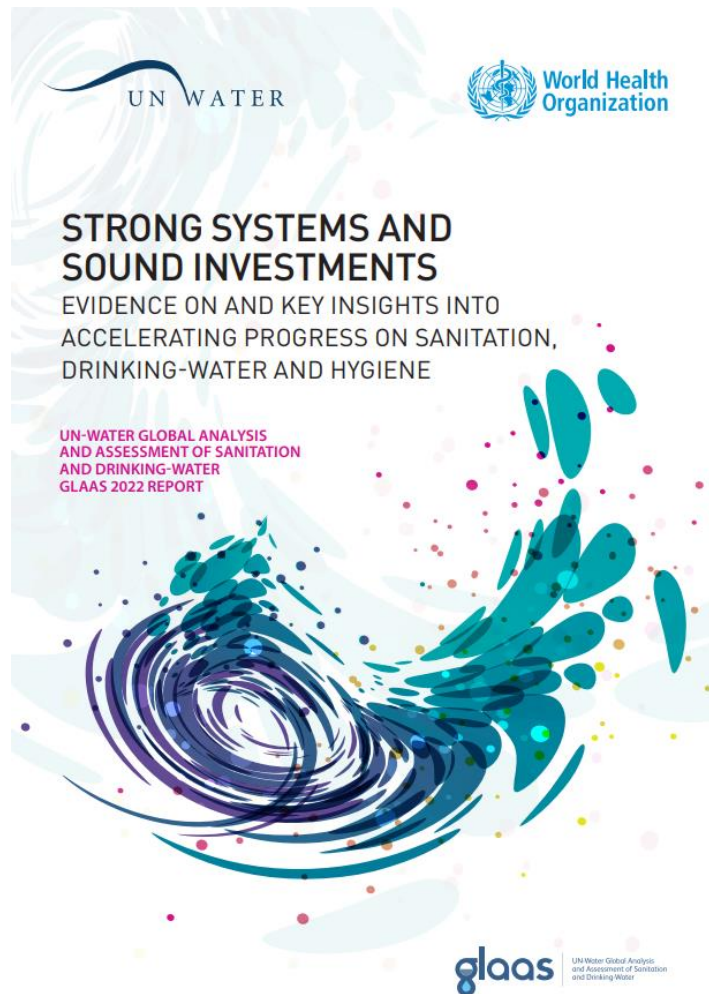
- ❖ The United Nations Convention on Biological Diversity COP-15 commenced in Montreal, Canada.
- ❖ This is the second part of the COP15.
- ❖ The first part was hosted by China.



- ❖ India has rejected the concept of area-based targets for biodiversity conservation and have stated that the one-size-fits-all approach is unacceptable.
- ❖ India urged to create a new and dedicated fund to help developing countries successfully implement a post-2020 global framework to halt and reverse biodiversity loss.

## REPORTS AND INDICES

### GLAAS Report on WASH



- ❖ The Global Analysis and Assessment of Sanitation and Drinking-Water (GLAAS) report was released by the WHO and UN-Water.
- ❖ This report compiles new data on drinking-Water, Sanitation and Hygiene (WASH) from 121 countries and territories and 23 External Support Agencies (ESAs).

- ❖ Less than one-third of countries reported maintaining enough human resources to manage essential Water, Sanitation and Hygiene (WASH) tasks.
- ❖ 45% of countries are on track to meet their drinking-water coverage targets, but only 25% are meeting their sanitation targets.
- ❖ Aid for water and sanitation decreased by 5.6% between 2017 and 2020, and the geographical targeting of the aid shifted.
- ❖ In sub-Saharan Africa, the proportion of WASH aid dropped from 32% to 23%.
- ❖ In Central and Southern Asia, it increased from 12% to 20%, and in Eastern and South-Eastern Asia, it increased from 11% to 20%.

## **World Malaria Report 2022**



- ❖ World Malaria Report 2022 was released by the World Health Organization.
- ❖ The report highlights the progress towards the global targets and identifies opportunities and challenges for curbing and eliminating malaria.
- ❖ High-burden malaria countries witnessed the stabilization of malaria cases and deaths in 2021.
- ❖ The number of deaths has declined from 625,000 in 2020 to 619,000 in 2021.

- ❖ However, the number is higher than the pre-pandemic levels (568,000 deaths in 2019).
- ❖ Among the 11 high-burden countries, 5 (the Democratic Republic of the Congo, Ghana, India, Niger, and Tanzania) have recorded a decline in the number of deaths caused by malaria.
- ❖ The WHO Global technical strategy for malaria 2016–2030 sought to reduce malaria case incidence and mortality rate by at least 40 percent by 2020, at least 75 percent by 2025 and at least 90 percent by 2030 against a 2015 baseline.
- ❖ Malaria case incidence was 48 percent off track in 2021.
- ❖ During that year, 59 cases per 1,000 people were at risk, higher than the target of 31.
- ❖ Death incidence was also 48 percent off track (14.8 in 2021 against a target of 7.8).
- ❖ If this trend persists, the world will be 88 percent off target in its fight to eliminate malaria.

## PERSONALITIES, AWARDS, AND EVENTS

### World Athlete of the year 2022



- ❖ World champion American hurdler Sydney McLaughlin-Levrone and Swedish pole vaulter Mondo Duplantis won the World Athlete of the year awards.
- ❖ McLaughlin-Levrone broke the world women's 400m hurdles record twice.

- ❖ US-born Swede Duplantis claimed the award for the second time in three years with three world records in 2022.

### **The mission dearMoon**



- ❖ Japanese billionaire Yusaku Maezawa announced eight crew members who will join him for a journey around the Moon planned for 2023 on a SpaceX rocket.
- ❖ Indian actor Dev Joshi is also one of among the crew members.
- ❖ The mission, known as dearMoon, was first announced in 2018.
- ❖ The round trip would last almost six days and circumnavigate the Moon without landing.

### **US Presidential Lifetime Achievement Award**



- ❖ US President Joe Biden has recognised Indian-American Krishna Vavilala, with the Presidential Lifetime Achievement Award.

- ❖ It is the nation's highest honour for his contributions to his community and the country at large.
- ❖ This Awards led by AmeriCorps, is an annual event held to honour citizens, who exhibit outstanding character, worth ethic, and dedication to their communities.

## **Jamnalal Bajaj Award 2022**



- ❖ The Jamnalal Bajaj Foundation has announced the winners of the Jamnalal Bajaj award 2022.
- ❖ The Foundation gives 4 awards in different categories.
- ❖ Three are given to Indians and one award, and for promoting Gandhian values outside, is given to a foreigner.
- ❖ The winners are
  - For Constructive Works - Nilesh Desai of Madhya Pradesh
  - Application of Science and Technology for Rural Development - Mansukhbhai Prajapati of Gujarat
  - Award for Development and Welfare of Women and Children - Sophia Saik of Odisha
  - International Award for Promoting Gandhian Values outside India- Dr Ogirat Younan and Dr Walid Slyabi of Lebanon

## **SPORTS**

### **FINA World Swimming Championships 2022**

- ❖ Indian swimmer Chahat Arora set a national record in the women's 100-metre breaststroke at the FINA World Swimming Championships 2022 in Melbourne, Australia.

- ❖ FINA is the International Swimming Federation.
- ❖ Chahat Arora completed the 100-metre breaststroke race in 1 minute, 13.13 seconds.

