



PRESENTS

# CLIMATE NEWS

## VOLUME-I

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# Welcome to the world of #Youth4Water Plus

#Youth4Water Plus presents a  
booklet of CLIMATE NEWS for  
the youth.

It provides information on  
issues related to climate  
change.



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# Climate News Update

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Source: The Quint

## DELHI RECORDS THE HOTTEST DAY OF THE YEAR

Narela in north Delhi recorded the maximum temperature of 42 degrees Celsius on Monday, 28 March, making it the hottest day of the season so far. Narela experienced temperatures which were 10 degrees more than the normal level, reported news agency PTI. High urbanisation and lesser greenery are causing high rise of temperature in Delhi, said R K Jenamani, a Senior Scientist, IMD.



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## 5th Oct to be celebrated as National Dolphin Day from this year

October 5 will be celebrated as National Dolphin Day from this year as part of the conservation campaign for the species and to generate awareness, announced by Union Environment Minister Bhupender Yadav on 25th March. He took down his Twitter handle to announce this news. National Board of Wildlife announced this in it's 67th board meeting.



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## PLANTATION PROGRAMME TO BEGIN TO REJUVINATE RIVERS

India envisages to plant trees in over 4,68,222 sq km, an area larger than the entire state of Rajasthan, in 13 major river basins, by 2027, to meet its international commitment of reducing carbon emissions, according to an overview report released last week. These plantations will include riverfront development programmes, afforestation, and agroforestry schemes, according to a report on the overview of detailed project reports for rejuvenation of major rivers through forestry interventions prepared by the environment ministry.





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## Groundwater: A valuable 'invisible' resource

The theme for this year's World Water Day (March 22) ---- "Groundwater: Making the Invisible, Visible" ---- could not be more relevant for India, particularly cities. India is by far the largest user of groundwater in the world, accounting for 25% of the global water withdrawals. Unfortunately, this dependency on groundwater has not translated into its judicious management. The Central Groundwater Board (CGWB) estimates that about 17% of the groundwater blocks across the country are overexploited, where the rate of extraction is more than that of renewal.



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## Towards a Low-Carbon Future: India to kick-start making flex-fuel vehicles within 6 months

Union Minister for Road and Highways Nitin Gadkari, over the past few years, has been emphasizing car manufacturers to develop flex-fuel variants. Recently, addressing an event, the Minister stated that automobile companies will start manufacturing flex-fuel variants within six months and that soon most vehicles in India will run on 100% ethanol.





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## International Women's Day celebrates the contribution of women and girls as climate solution multipliers

During the International Women's Day official UN Observance, Secretary-General António Guterres emphasizes the important role of women and girls in fighting climate change. "We need more women environment ministers, business leaders and presidents and prime ministers. They can push countries to address the climate crisis, develop green jobs and build a more just and sustainable world. We cannot emerge from the pandemic with the clock spinning backwards on gender equality."



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Source: aljazeera

## ‘Delay means death’: New climate report issues stark warnings

Climate change is likely going to make the world sicker, hungrier, poorer and way more dangerous by 2040 with an “unavoidable” increase in risks, and there remained only “a brief and rapidly closing window of opportunity to secure a liveable and sustainable future for all”, said the new IPCC report.

The UN Intergovernmental Panel on Climate Change’s (IPCC) study released on 2nd March said if human-caused global warming was not limited to just another couple tenths of a degree, an Earth now struck regularly by deadly heat, fires, floods and drought in future decades will degrade in 127 ways – with some being “potentially irreversible”.



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Source: Hindustan Times

## Experts examine climate crisis, dengue link in Delhi

With 33 dengue cases reported in the national capital so far this year (a highly unusual spike when compared to previous years), health and environmental experts suspect the climate crisis - an extended rain cycle and high humidity levels - may be leading to the higher incidence of the infection and the gradual extension of the cycle of the illness well into Delhi's winter.



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## Rourkela, India

*Economic Recovery & Inclusive Growth*



## Odisha's Rourkela wins Bloomberg Philanthropies Global Mayors Challenge

Odisha's Rourkela is the only city in India to be ranked among the Top 15 Cities of the world under the Bloomberg Global Mayors Challenge 2021-2022. By providing women entrepreneurs access to cold-storage units, Rourkela is reducing food waste and prolonging the window for produce to be sold. This makes the city eligible for a grant of 1 Million US Dollars and technical assistance to carry out the innovation over the next 3 years.



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## Will February Sizzle in Odisha Like 2021?

Winter has concluded in Odisha. As per the forecast of IMD, besides Mayurbhanj, the coastal districts, Balasore, Jajpur, Bhadrak, Kendrapada, Jagatsinghpur, Cuttack, and Bhubaneswar and southern districts of Odisha will record a maximum temperature between 2-3° C above normal.

This shows that the last fortnight of Feb will be warmer. 2021 was India's fifth warmest year after 2016, 2009, 2017 and 2010, according to the Annual Climate Statement 2021.





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## Budget 2022: Finance Minister Nirmala Sitharaman commits to fight climate change with clean energy

In Budget 2022, The Union Finance Minister Nirmala Sitharaman announced four pilot projects for the conversion of coal to energy along with an additional allocation of Rs 19,500 crore to facilitate domestic manufacturing to boost 280 gigawatts of installed solar capacity by 2030. She said that the ministry was working in line with announcements made by PM Narendra Modi at the COP26 Summit in Glasgow.



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## Indonesia to relocate capital to Nusantara as Jakarta slowly sinks

Indonesia parliament passed a law approving the relocation of its capital from slowly sinking Jakarta to a site 2000 KMs away on jungle-clad Borneo island that will be named Nusantara. Since the country's independence in 1949, Jakarta has served as Indonesia's capital. According to studies, the city may collapse completely by 2050, and flooding is a common occurrence



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## Night curfew imposed amid COVID 3rd wave concern in Odisha

Odisha recorded its highest single-day spike in COVID-19 cases in nearly five months as 1,216 more people tested positive for the disease on 5th January, the health department said.

Special Relief Commissioner Pradeep Jena said that night curfew will now be imposed from 9 pm to 5 am. Only essential activities will be allowed during curfew.



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Source: CNBC

## Himalayan glaciers melting at an 'exceptional rate'

Glaciers in the Himalayas are melting at an "exceptional" rate because of global warming. The ice melt threatens agriculture and water supply for millions of people in South Asia, a recent research published in the journal Scientific Reports said. This will contribute to rising sea levels that threaten coastal communities across the world. Researchers calculated that Himalayan glaciers have lost roughly 40% of their area in the past several hundred years.



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Source: indiatoday

## Climate Change increasing likelihood of extreme floods in the Ganga basin

A new study from the Indian Institute of Science (IISc) and the IIT-Kanpur hints at an increased likelihood of extreme floods in the Ganga basin. Increasing human activities have had several disastrous impacts on the river, ranging from severe pollution to a changes in the river's course.



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Source: yahoo news

## Madagascar on brink of 'the 1st famine caused by climate change'

After suffering through years of drought that has devastated crop yields, the African island nation of Madagascar is on the cusp of experiencing the first official famine clearly caused by climate change, according to officials with the United Nations.



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## Odisha & AP to Face Cyclone Jawad

Cyclonic storm Jawad will touch the coast of South Odisha or North Andhra Pradesh on Saturday. According to the Meteorological department, the storm is expected to intensify with wind speeds ranging from 90 to 100 KMPH. Heavy to very heavy rains are expected in the state from the evening of the 3rd December under the effect of the storm.



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## COP26: Glasgow Climate Pact not enough to limit global warming to 1.5 degrees

COP26, the Climate Summit attended by world leaders concluded with the adoption of the Glasgow Climate Pact. Activists and scientists across the world have expressed concerns that the commitments made may not be enough to limit global warming to 1.5 degrees, essential to avoid catastrophic effects of climate change.



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Source: indiatimes

## Canada records world's first patient diagnosed with 'climate change'

A Canadian has become possibly the world's first patient to be diagnosed as suffering from 'climate change'. The patient from Canada's British Columbia province is facing breathing issues, and doctors believe heatwaves and poor air quality are responsible for her condition.



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## India pledges to cut carbon emissions and achieve net zero by 2070!

Global leaders have convened at the COP26 Summit 2021 in Glasgow to announce their commitments to combating climate change. PM Narendra Modi announced India's net zero target by 2070, and also pledged to meet 50% of India's energy needs by renewable sources by 2030!





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Klaus Hasselmann, Syukuro Manabe, and Giorgio Parisi

## Climate Scientists awarded the 2021 Nobel Prize for Physics!

The 2021 Nobel Prize in Physics was awarded to three scientists for their work to understand complex systems, like the Earth's climate. This is the first-time climate scientists have been awarded the Physics Nobel.





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## Clean, Healthy and Sustainable Environment a Universal Right: UN Human Rights Council

The United Nations Human Rights Council on October 8, 2021, unanimously voted for recognizing a clean, healthy and sustainable environment as a universal right in Geneva, Switzerland.





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## India lost ₹6.5 lakh crore due to natural disasters last year, says WMO

India is reported to have faced the second highest global burden of natural disasters in 2020. India lost an estimated ₹6.5 lakh crore due to natural disasters such as tropical cyclones, floods and droughts, according to the World Meteorological Organization's (WMO) "State of the Climate in Asia" report. Asia also experienced the hottest year on record in 2020.



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*Driving young people towards WASH and Climate Actions...*



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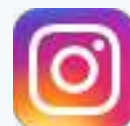
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