



# PARITRAN

NEWSLETTER BY CONXERV

JUNE, 2022



## INTRODUCTION:

ConXerv is the functional committee of the School of Sustainability. The committee was formed in the year 2015 with the aspiration of creating an enriching environment that fosters sustainable learning and holistic development, intending to help the student community reach their highest potential and be the torchbearers of change for sustainable development.

This newsletter endeavors to encourage students at the XIM University to be environmentally aware and stay updated about the latest developments in the field of sustainability. We present to you the June edition of our newsletter, Paritran.

Along with the news from the sustainability world, we have a feature on "World Environment Day", which is held every year on 5th June. This newsletter also have a dedicated section for the School of Sustainability - Undergraduate Achievements.

## Highlights:

### *Latest News on*

*Climate change,  
Sustainability and Human  
Development from around the  
globe*

### *Events:*

*World Environment Day:  
2022*

### *Achievements:*

*Undergraduate  
Achievements*

# World Environment Day

**“One of the first conditions of happiness is that the link between man and nature shall not be broken”**

- Leo Tolstoy.

World Environment Day is the United Nations’ principal vehicle for encouraging worldwide awareness and action for the environment. Held annually on the 5th of June each year since 1973. It raises awareness of environmental issues such as marine pollution, overpopulation, global warming, sustainable development, and wildlife crime.

The main motive is reaching out to the maximum population for encouraging environmental awareness. This year’s campaign slogan focuses on “Living Sustainably in Harmony with Nature”. The theme for this year is the #Only Earth Campaign.

Every year, the program has provided a theme and forum for businesses, non-governmental organizations, communities, governments, and celebrities to advocate environmental causes.

The earth faces a triple planetary emergency i.e. the climate is heating up too quickly and is becoming very difficult for people to adapt, there has been habitat loss and other pressures mean an estimated 1 million species are threatened with habitat extinction and pollution continues to poison, air, water, and land.

Transformative options towards sustainability need to be available, affordable, and attractive for people to make better daily decisions. Some of the key transformations include how we build and live in our homes, cities, places of work, and worship. Some of the greater magnitudes include energy, production systems, global trade, transport systems, and the protection of biodiversity.

We consume 1.7 of Earth's resources per year. The winners in the global race will be the ones that speed up the transition, not the ones that lag behind and cling to the dependency on fossil fuels. It can help ensure this unique planet remains a comfortable home for humanity.



## India green bonds' issuance 6th largest in Asia-Pacific region, up 523% in 2021, report (June 29, 2022)

India has emerged as the sixth-largest country in the Asia-Pacific region in terms of the total amount of green bonds issued in 2021. Green bonds issuance from India jumped 523% from a year ago to \$6.8 billion during the year, showed a Knight Frank report.

The issuance of green bonds, which are fixed-income financial instruments used to finance projects that have positive environmental and or climate benefits, were negatively impacted by the pandemic in 2020.

### Read more at:

<https://economictimes.indiatimes.com/industry/renewables/india-green-bonds-issuance-6th-largest-in-asia-pacific-region-up-523-in-2021-report/articleshow/92549726.cms>

## India plans network of marine research stations in Pacific Island nations (June 29, 2022)

India plans to set up a network of marine biology research stations in Pacific Island countries as part of an institute to explore the potential of the ocean in a sustainable manner.

Earth Sciences Minister Jitendra Singh told the UN Ocean Conference in Lisbon that India has proposed to establish Sustainable Coastal and Ocean Research Institute (SCORI) to meet the needs and aspirations of the Pacific Island countries.

### Read more at:

<https://economictimes.indiatimes.com/news/india/india-plans-network-of-marine-research-stations-in-pacific-island-nations/articleshow/92544417.cms>

## India, EU organize unique event on human rights protection (June 24, 2022)

The Permanent Mission of India and the Delegation of the European Union to the United Nations and other International Organizations in Geneva co-organized on Friday, 24 June 2022 a hybrid side event during the ongoing 50th regular session of the Human Rights Council on 'Realizing gender equality in the realization of the rights to safe drinking water and sanitation'.

### Read more at:

<https://economictimes.indiatimes.com/news/india/india-eu-organise-unique-event-on-human-rights-protection/articleshow/92442299.cms>

## India to meet 50% of its energy needs from renewable resources by 2030: Union Minister Giriraj Singh (June 05, 2022)

Union Rural Development and Panchayati Raj Minister Giriraj Singh on June 05, said India has set an ambitious target of meeting half of its energy needs from renewable resources by the decade-end and reach the net zero emission levels by 2070. The minister said the world is facing consequences of developed nations' exploitations of the nature. Around 18 per cent of the world's population lives in India on just 2.4 per cent of land, yet the country's contribution to carbon emission is only 5 per cent, he said.

### Read more at:

<https://economictimes.indiatimes.com/industry/renewables/india-to-meet-50-of-its-energy-needs-from-renewable-resources-by-2030-union-minister-giriraj-singh/articleshow/92019908.cms>

## India says environmental performance index based on 'unscientific methods' (June 08, 2022)

The Ministry of Environment, Forest and Climate Change on June 08, rebutted the Environmental Performance Index 2022 in which it was placed at the bottom on a list of 180 countries judged for their environmental performances.

The ministry said the index has many indicators based on unfounded assumptions and that some of these indicators are extrapolated and based on surmises and unscientific methods.

### Read more at:

<https://economictimes.indiatimes.com/news/india/india-says-environmental-performance-index-based-on-unscientific-methods/articleshow/92077849.cms>

## Sustainable blue economy vital for small countries and coastal populations. (June 28, 2022)

The world's coastal populations contribute significantly to the global economy – an estimated \$1.5 trillion per year – with expectations pointing to some \$3 trillion by 2030.

Ensuring ocean ecosystem health, supporting livelihoods and driving economic growth requires targeted support for key sectors, including fisheries and aquaculture, tourism, energy, shipping and port activities, and seabed mining, as well as innovative areas such as renewable energy and marine biotechnology.

### Read more at:

<https://news.un.org/en/story/2022/06/1121562>

## Chinese President Xi announces additional \$1 billion for Global Development Fund (June 24, 2022)

Chinese President Xi Jinping on June 24 announced an additional USD 1 billion to the USD 3 billion already committed by China to the Global Development and South-South Cooperation Fund as he held a high-level dialogue on global development in virtual format, a day after hosting the 14th BRICS summit.

"China will allocate more resources for global development cooperation," Xi told the meeting.

### Read more at:

<https://economictimes.indiatimes.com/news/international/world-news/chinese-president-xi-announces-additional-1-billion-for-global-development-fund/articleshow/92441153.cms>

## Zomato report highlights steps taken on six sustainable-development goals (June 05, 2022)

"If one looks up the United Nations definition of sustainable development, it is described as – 'development that meets the needs of the present without compromising the ability of future generations to meet their own needs'," Goyal wrote in a blog on Zomato's website.

"We want to build a Zomato that outlives the current generation – as an organisation that continues to positively contribute to society long after we've left," he wrote.

### Read more at:

<https://economictimes.indiatimes.com/tech/technology/zomato-report-highlights-steps-taken-on-six-sustainable-development-goals/articleshow/92020027.cms>

## Modern wind turbines can more than compensate for decline in global wind resource (June 21, 2022)

Wind energy contributes significantly to the energy sector's sustainable, low-CO2 transformation. However, the efficiency of wind turbines depends on available wind resources and the technical characteristics of the turbines.

One finding is that the efficiency of the global wind turbine fleet could increase by as much as 23.5 percent by 2035, assuming favorable climate trends, if the use of wind energy were optimized.

### Read more at:

<https://www.sciencedaily.com/releases/2022/06/220621155118.htm>

## Amazon River freshwater fish show signs of overexploitation (June 08, 2022)

The biodiversity of the Amazon's freshwater species is under strong fishing pressure, according to the first large-scale, pan-Amazonian examination, conducted by a group of international scientists and led by Cornell University researchers. Their findings -- based on examining decades of fishery landings (the places such as ports where fishers leave their catch) records from Brazil and Peru -- indicate a stress that menaces the region's ability to provide protein and other essential nutrients.

### Read more at:

<https://www.sciencedaily.com/releases/2022/06/220608133607.htm>

## Global warming is threatening the health of people in Britain (June 16, 2022)

Heatwaves are making more people in rural areas of England severely ill today than they were in the 1980s, according to new research from the University of Surrey.

Researchers from Surrey's Global Centre for Clean Air Research (GCARE) are now calling on policymakers and fellow scientists to not forget the countryside when formulating solutions to combat the damaging effects of climate change.

### Read more at:

<https://www.sciencedaily.com/releases/2022/06/220616101916.htm>

## Scientists decontaminate heavy metal water using protein from plant waste (June 23, 2022)

Scientists from Nanyang Technological University, Singapore (NTU Singapore), in collaboration with ETH Zurich, Switzerland (ETHZ), have created a membrane made from a waste by-product of vegetable oil manufacturing, which can filter out heavy metals from contaminated water.

In tests, they showed that this process of attraction, called adsorption, was able to purify contaminated water to a degree that meets international drinking standards.

### Read more at:

<https://www.sciencedaily.com/releases/2022/06/220623091206.htm>

# School of Sustainability - Undergraduate Achievements

## Flourishing Jewels of School of Sustainability (Batch 2019-2022)

<b>NAME</b>	<b>STUDYING/WORKING IN</b>
<b>Evangelina Patro</b>	<b>Postgraduate Program in Development Management, ISDM</b>
<b>Florence Das</b>	<b>MBA in Sustainability, TERI</b>
<b>Kathleen Francis</b>	<b>Working in Pratilipi Comics</b>
<b>Shruti Xess</b>	<b>M.A in Social work in Livelihood and Social Entrepreneurship, TISS</b>
<b>Salagrama Sidhartha</b>	<b>Working in Dakshin Foundation</b>
<b>Sneha Satapathy</b>	<b>MBA in Sustainability Management, XIM University</b>
<b>Suraj Sarangi</b>	<b>MBA in Sustainability Management, IIFM</b>
<b>Milinda Mishra</b>	<b>M.Sc. in International Development and Humanitarian Emergencies, London School of Economics</b>