



PARITRAN

NEWSLETTER BY CONXERV

DECEMBER, 2021



INTRODUCTION:

ConXerv is the functional committee of the School of Sustainability. The committee was formed in the year 2015 with the aspiration to create 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 a sustainable driven future.

This newsletter intends to help the students at XIM University to be more environmentally aware. To empower the students at XIM University and help them stay updated about the latest developments in the field of sustainability, we present to you the December edition of our newsletter, Paritran.

Along with news from the sustainability world, we have an overview of COP26 which concluded on 12th November and as a new addition, we have the batch of MBA-SM 20-22 sharing their 'Sustainability Discovery Program' experience.

Highlights:

Latest News on

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

Events:

World Soil Day: 2021

The SDP Journey:

1. Chilika Development Authority:

*Akanshya Panda
Amit Kr. Swain
Shuvam K. Sen*

2. Evangelical Social Action Forum

*Lovleen kar
Anukriti Yadav*

World Soil Day

“The environment is where we all meet, where we all have a mutual interest; it is the one thing all of us share”

-Lady Bird Johnson

World Soil Day is held every year on 5th December to mark the importance of Soil on Earth and to advocate for effective and sustainable management of soil resources. It was officially adopted through a resolution at the 68th UN General Assembly. Since then, the UN General Assembly designated the 5th of December, 2019, as the first official World Soil Day. The theme for World Soil Day in 2019 was “Stop Soil Erosion, save our Future”, the campaign focused on raising awareness about the importance of sustaining ecosystems, focusing towards better wellbeing of humans by addressing the challenges in the case of Soil Management. One of the thoughtful insights laid forward by Mr. Mansur towards this campaign was “Soil Erosion can also cause significant losses in biodiversity, damage to urban and rural infrastructure and in severe cases, lead to the displacement of human populations”. World Soil Day focuses on Sustainable Development Goal 15, which is “Life on Land”. The main aim is to restore terrestrial ecosystems, reverse land degradation, combat desertification, promote afforestation, etc. In 2021, the theme was to “Halt soil salinization, boost soil productivity”. It is mostly seen that soil degradation processes are mostly caused due to soil solidification and salinization. The threat to the ecosystem is seen as one of the major issues at the international level for problems related to food security, food production, sustainability, etc. So, the theme came intending to spread awareness about the need for healthy ecosystems.



COP 26

GLASGOW, UK

31 OCT-12 NOV, 2021



The United Nations Climate Change Meeting in 2021, often known as COP26, was the United Nations' 26th climate change conference. It was organized at the SEC Centre in Glasgow, Scotland, from October 31 to November 13, 2021. The Glasgow Climate Pact was adopted to make the 2020s a decade of climate action and support.

As said by General Secretary Antonio Guterres, "They reflect the interests, the conditions, the contradictions and the state of political will in the world today. They take important steps, but unfortunately, the collective political will was not enough to overcome some deep contradictions."

The bundle of decisions includes several agreed-upon elements, such as increased efforts to improve climate change resilience, reduce greenhouse gas emissions, and provide the required funding for both.

Nations reaffirmed their commitment to meet the offer of \$100 billion in aid from developed to underdeveloped countries each year. Participating countries have also pledged to collaborate to bridge the gap between current emission reduction plans to what is required. Emission reduction is the need of the hour to limit the global average temperature to 1.5 degrees. For the first time, nations are called upon to phase down unabated coal power and inefficient subsidies for fossil fuels.

As part of the package of decisions, nations also completed the Paris Agreement's rulebook. It relates to market mechanisms and non-market approaches and the transparent reporting of climate actions and support provided or received. It also includes loss and damage.

Japan keen to work with Haryana on climate change, environmental issues (December 26, 2021)

Secretary, Environment, Embassy of Japan, Yuki Yoshida, along with Haryana officials, on Sunday visited Aravalli mountains at Bhondsi in Gurgaon to explore the potential of setting up a center of excellence related to climate change, waste management, e-vehicles, air pollution, biodiversity conservation, land degradation, desertification and other allied areas.

Read more at:

https://economictimes.indiatimes.com/news/india/japan-keen-to-work-with-haryana-on-climate-change-environmental-issues/articleshow/88507775.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst

Building Environmental Intelligence: How AI can help businesses grow sustainability (December 23, 2021)

Companies need to increase sustainable operations in ways that also benefit bottom lines. Sandip Patel of IBM India writes in ET Evoke about AI research bolstering this effort. Across the globe, environmental sustainability is emerging as a business imperative with several countries facing the impacts of climate change. It is a simple nous, there cannot be successful economies alongside environmental degradation.

Read more at:

https://economictimes.indiatimes.com/news/et-evoke/building-environmental-intelligence-how-ai-can-help-businesses-grow-sustainability/articleshow/88460315.cms?utm_source=contentofinterest&utm_medium=text&utm_campaign=cppst

38 Sustainability efforts of the fashion industry in December 2021 (December 29, 2021)

While December was characterised by holiday shopping and some pandemic-related restrictions to it, the industry's sustainability efforts went on unhindered. There were combined initiatives to reduce an impact on the environment but also in terms of making sustainability more accessible. On the product front, recycled collections took the spotlight as well as platforms that make sustainable or secondhand shopping easier.

Read more at:

<https://fashionunited.uk/news/business/38-sustainability-efforts-of-the-fashion-industry-in-december-2021/2021122960347>

United Airlines promises sustainable flying – but experts aren't convinced (December 29, 2021)

On 1 December, a United Airlines passenger plane flew from Chicago to Washington powered solely by fuel made from cooking oils, agricultural waste and other materials rather than fossil fuels. Billed by the airline as the world's first fully-loaded passenger flight to run on 100% sustainable aviation fuel (SAF), it was United's latest attempt to demonstrate its climate credentials. United's CEO Scott Kirby called it "a significant milestone" for efforts to decarbonize the industry.

Read more at:

<https://www.theguardian.com/environment/2021/dec/29/united-airlines-sustainable-green-flying-experts>

Climate Change: From H&M to Zara, how fast fashion hurts the environment (December 23, 2021)

The global fashion industry is also the second-biggest consumer of water, according to the UN Environment Programme. It takes 3,781 litres of water--equivalent to the amount of water a person drinks over a period of three years--to make a pair of jeans, starting from the production of cotton to the retail delivery of the final product, the report stated.

Read more at:

https://www.business-standard.com/article/international/climate-change-from-h-m-to-zara-how-fast-fashion-hurts-the-environment-121122300181_1.html

EU in row over inclusion of gas and nuclear in sustainability guidance (December 21, 2021)

The European Commission is facing a backlash from Greta Thunberg and fellow climate activists over plans to include gas and nuclear energy in a "green" investment guidebook.

The EU taxonomy is a green classification system that is intended to guide investors to projects that are in line with Europe's goal of net zero emissions by 2050 and better protection of nature.

Read more at:

<https://www.theguardian.com/world/2021/dec/21/eu-in-row-over-inclusion-of-gas-and-nuclear-in-sustainability-guidance>

Huawei enters China's electric car race in competition with Tesla (December 23, 2021)

Chinese tech giant Huawei is best known for its telecommunications products and smartphones and says it will not make cars on its own. But it has been working with automakers on car technology such as autonomous driving. The first car with Huawei's HarmonyOS operating system will be the Aito M5, a car that runs on both electricity and fuel, Richard Yu, executive director and CEO of Huawei's consumer business group, said at the company's winter product launch event.

Read more at:

<https://www.cnbc.com/2021/12/23/huawei-joins-chinas-electric-car-race-in-competition-with-tesla.html>

Global shipping in crosshairs as environmental scrutiny deepens (December 23, 2021)

Shipping, which transports about 90% of world trade and accounts for nearly 3% of the world's CO2 emissions, is under growing pressure from environmentalists to deliver more concrete action including a carbon levy.

The International Maritime Organization (IMO), the UN's specialist shipping agency, has said it has made progress on short-term greenhouse gas (GHG) reduction measures.

Read more at:

<https://economictimes.indiatimes.com/small-biz/trade/exports/insights/global-shipping-in-crosshairs-as-environmental-scrutiny-deepens/articleshow/88444777.cms>

Academia and students to strengthen India's net-zero commitment through PACT2030 conclave (December 31, 2021)

Indian academia and students will aim to strengthen India's net-zero commitment through PACT2030, an annual conclave, beginning this year to make a first-of-its-kind declaration on sustainable development and pledge to be change-makers. Students can submit projects and ideas which are unique and have a direct impact on the community in which the student lives. Entries can be submitted completely free of charge, and 10 selected students and ideas will get a fully paid trip to PACT2030 in Goa.

Read more at:

<https://indianexpress.com/article/education/academia-and-students-to-strengthen-indias-net-zero-commitment-through-pact2030-7699170/>

CII-FBN to gather Indian family business to Spearhead sustainable development (December 24, 2021)

The Confederation of Indian Industries (CII) along with Family Business Network [FBN International] has started the CII-FBN India chapter to offer business families a safe space to learn, share and inspire each other about how to guide the family involvement in the business, facilitate relationships within the family and raise awareness and importance of the family business models in society.

Read more at:

<https://economictimes.indiatimes.com/news/company/corporate-trends/cii-fbn-to-gather-indian-family-businesses-to-spearhead-sustainable-development/articleshow/88468596.cms>

EU eyes nuclear, gas as 'green' on sustainable energy list (December 21, 2021)

The European Commission plans to present its list of "green" energy sources in January, according to internal market commissioner Thierry Breton, who said he expected it to include nuclear and natural gas. The list, known as the EU's "taxonomy", will determine what sources are seen as sustainable and therefore eligible for investment under rules promoting the 27-nation bloc's shift to a carbon-neutral future.

Read more at:

<https://economictimes.indiatimes.com/news/environment/global-warming/eu-eyes-nuclear-gas-as-green-on-sustainable-energy-list/articleshow/88412375.cms>

Combined heat and power as a platform for clean energy systems. (December 02, 2021)

The state of Georgia could dramatically reduce its greenhouse gas emissions, while creating new jobs and a healthier public, if more of its energy-intensive industries and commercial buildings were to utilize combined heat and power (CHP), according to the latest research from Georgia Tech's School of Public Policy.

Read more at:

<https://www.sciencedaily.com/releases/2021/12/21/20211202191154.htm>

The SDP Journey



A brief interview with Akanshya Panda, Amit Kr. Swain and Shuvam K. Sen, Batch of 2020-22 describing their experience regarding 'Sustainability Discovery Program'.

Q1. Which was your SDP Organization and what were your assigned task?

Program Organization – Chilika Development Authority

Project Name – Eco-Tourism Development at Ansupa Lake Project

Q2. How was your experience and what things did you learn from the field visit?

It was a life-changing experience, where we learned the ground reality of their lifestyle.

Our project focused on:

- Socio-Economic Development of the communities around Ansupa Lake
- Study of farming land issue along with the self-help groups
- Study of government fund allocation

Q3. Do you think the practical experience in SDP will influence your decision-making in the future ?

The SDP experience helped us to understand the different survey collection methods and techniques which will help us in the future to prepare research reports. We also learned how to communicate effectively with the communities and understood their day-to-day work functions. These learnings will help us in professional life while working in the corporates.

The SDP Journey



A brief interview with Lovleen Kar and Anukriti Yadav, Batch of 2020-22 describing their experience regarding 'Sustainability Discovery Program'

Q1. Which was your SDP Organization and what were your assigned task?

Program Organization: Evangelical Social Action Forum (ESAF)

Project Name: Baseline survey for promotion of Farmer Producer Organizations (FPO's) and business plan for farmers

Q2. How was your experience and what things did you learn from the field visit?

We had a great and memorable experience and had fruitful learning outcome

Our project focused on:

- Learning about the pest problem and providing solutions of the same to small marginalized farmers
- Learning about how the government schemes catering to them, work at a ground level
- Encouraging women to take decisions for their community
- Learning about the issues related to farmers livelihood and their local market disparities
- Addressing the issue of irrigation problem and water shortage
- Learning about why farmers are reluctant to join FPO's and educating them about the functioning of the FPO's

Q3. Do you think the practical experience in SDP will influence your decision-making in the future ?

The SDP experience brought about a positive change of looking at things differently, this will help us to work in accordance with the changing needs of the future. We enhanced our communication skills and learned how to develop business plans that will aid us in our corporate arenas.

Evangelina Patro's Achievement

Evangelina got her article which talks about Human Rights Day and spotlights witch hunts on Down-To-Earth. It talks about how witch hunts are still a thing in our country and how women are subjected to these allegations and are lynched, and their families are exploited through this. It sheds light on these issues along with the mitigation strategies that the government has implemented over time.

Sourav Pati's Achievement

Sourav Pati has been engaged as Investigator for the project 'FCDO - Trafficking & Climate Change' by Aide et Action International. He has started working on gathering information on a project that is ongoing to this day. They focus on climate change and also factoring aspects to it.

Romario Topno's Achievement

Romario Topno Was considered as a top-performing intern by Youth for Sustainability. Youth for Sustainability recognized the efforts and dedication towards the work Romario did. They have given an appreciation post and expressed interest in working together for the future.

