

SOUTH-ASIAN YOUTH SUSTAINABLE DEVELOPMENT VIRTUAL DIALOGUE (SAYSDVD) - 2021

**A Dialogue that aims to address the issues of
Conserving Biodiversity, Restoring Ecosystems and
Climate Change**

**UN DECADE ON ECOSYSTEM RESTORATION
2021 - 2030**

5th June 2021

Report



**Association of Professional Social Workers and Development
Practitioners (APSWDP)**

Association in Special Consultative Status with Economic and Social Council (ECOSOC) of the United Nations
Affiliated with the Department of Global Communications (DGC) of the United Nations
Accredited with United Nations Environment Programme (UNEP) and United Nations Environment Assembly (UNEA)
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SOUTH-ASIAN YOUTH SUSTAINABLE DEVELOPMENT VIRTUAL DIALOGUE -2021

WORLD ENVIRONMENT DAY 2021

5TH JUNE 2021, (SATURDAY) | 11.30 AM - 02.00 PM (IST)

"UN DECADE ON ECOSYSTEM RESTORATION 2021 – 2030"

Understanding & Exploring Indigenous Knowledge on Bio-diversity Conservation and Climate Change

A Dialogue that aims to address the issues of Conserving Biodiversity, Restoring Ecosystems and Climate Change



Navjot Pal Singh Randhawa (IAS)
CEO, PEDA, Government of Punjab
India



Er. M. P. Singh
Director, PEDA
India



Aditya Pundir
Country Head India and South Asia
The Climate Reality Project-India



Geethanjali M.
Indian Forest Service (IFS)
Research Fellow, Finland



Dea Andrea Wehrli
Co-Founder E[co]work
Switzerland



Dr. Thu-Ba Huynh
Senior Advisor Environment and Climate
Change, FHI 360, Asia Pacific, Australia



Dr. T. Kemala Intan
Graha Kirana Foundation
Indonesia



Elsie Gabriel
Founder, Young Environmentalists
Programme Trust, India



Bich Pham
Project Coordinator
Vietnam Municipal SWM Project



Kinley Dorji
Programme Leader, Env't. Mgmt.
Royal Thimpu College, Bhutan



Sanjaya Devkota
PDO, RWSSFDB
Nepal



R Ciarrio Dimassetya Jaya
Project Leader - Urban and Regional
Planning Division, Indonesia



Vivek Trivedi
Principal Convener
Founder-cum-Adviser APSWDP



Rajeev Chaudhary
Convener
Member, APSWDP



Deepak Yadav
Co-convener
Member, APSWDP



Er. Paramjit Singh
Co-convener
Senior Manager (EC), PEDA



Hitesh Kumar Gulati
Moderator
(Hon.) Director General APSWDP



Bhavesh Swami
Rapporteur
TCP-India

Virtual Center of Excellence for Social Welfare Administration, (VCoE-SWA), Punjab Energy Development Agency (PEDA), The Climate Reality Project-India and econSociety, Royal Thimpu College, Bhutan under the aegis of

Association of Professional Social Workers and Development Practitioners (APSWDP), India In Special Consultative Status with Economic and Social Council of the United Nations since 2019



"I can find God in nature, in animals, in birds, and the environment." – Pat Buckley

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BACKGROUND OF DIALOGUE



BACKGROUND

World Environment Day (WED) is celebrated annually on 5 June and is the United Nations' principal vehicle for encouraging awareness and action for the protection of the environment. First held in 1974, it has been a platform for raising awareness on environmental issue such as marine pollution, human overpopulation, global warming, sustainable consumption and wildlife crime. World Environment Day is a global platform for public outreach, with participation from over 143 countries annually. Each year, the program has provided a theme and forum for businesses, non government organizations, communities, governments and celebrities to advocate environmental causes.

HISTORY

World Environment Day was established in 1972 by the United Nations at the Stockholm Conference on the Human Environment, that had resulted from discussions on the integration of human interactions and the environment. Two years later, in 1974 the first WED was held with the theme "Only One Earth". Even though WED celebration have been held annually since 1974, in 1987 the idea for rotating the centre of these activities through selecting different host countries began.

WORLD Environment Day Anthem

An Earth Anthem penned by poet **Abhay K**, Indian Diplomat was sung to celebrate World Environment Day by the Government of India in past:

Our cosmic oasis, cosmic blue pearl
the most beautiful planet in the universe
all the continents and all the oceans
united we stand as flora and fauna
united we stand as species of one earth
different cultures, beliefs and ways
we are humans, the earth is our home
all the people and the nations of the world
all for one and one for all
united we unfurl the blue marble flag.

WORLD ENVIRONMENT DAY 2021

The theme for World Environment Day 2021 is "Ecosystem Restoration" and will see the launch of the UN Decade on Ecosystem Restoration. Ecosystem restoration can take many forms:

Growing trees, greening cities, rewilding gardens, changing diets or cleaning up rivers and coasts. This is the generation that can make peace with nature.

Ecosystem restoration means assisting in the recovery of ecosystems that have been degraded or destroyed, as well as conserving the ecosystems that are still intact. Healthier ecosystems, with richer biodiversity, yield greater benefits such as more fertile soils, bigger yields of timber and fish, and larger stores of greenhouse gases.

Restoration can happen in many ways – for example through actively planting or by removing pressures so that nature can recover on its own. It is not always possible – or desirable – to return an ecosystem to its original state. We still need farmland and infrastructure on land that was once forest, for instance, and ecosystems, like societies, need to adapt to a changing climate.

Between now and 2030, the restoration of 350 million hectares of degraded terrestrial and aquatic ecosystems could generate US\$9 trillion in ecosystem services. Restoration could also remove 13 to 26 gigatons of greenhouse gases from the atmosphere. The economic benefits of such interventions exceed nine times the cost of investment, whereas inaction is at least three times more costly than ecosystem restoration.

All kinds of ecosystems can be restored, including forests, farmlands, cities, wetlands and oceans. Restoration initiatives can be launched by almost anyone, from governments and development agencies to businesses, communities and individuals. That is because the causes of degradation are many and varied, and can have an impact at different scales.

CELEBRATING WORLD ENVIRONMENT DAY 2021 AT CHANDIGARH

Aligned to the United Nation themes of the year on World Environment Day, the Association of Professional Social Workers and Development Practitioners has been commemorating the day since 2015 in collaborating with The Climate Reality Project India at Chandigarh by way of organizing various advocacy events, campaigns, capacity building programmes and virtual dialogues etc. This year, VCoE-SWA under the aegis of APSWDP has conceived a South Asian Youth Sustainable Development Virtual Dialogue (SAYSDVD) -2021 in partnership with Punjab Energy Development Agency (PEDA), TCP-India, and econScious Society, Royal Thimpu College, Bhutan with an aim to address the issues of Conserving Biodiversity, Restoring Ecosystems and Climate Change on 5th June, 2021 (Saturday). In addition, this dialogue is intended to develop understanding & exploring indigenous knowledge on Bio-diversity conservation and Climate Change Adaptation.



PROFILE OF GUESTS & SPEAKERS



CHIEF GUEST

Mr. Aditya Pundir
Head
The Climate Reality Project -
India and South Asia



Mr. Aditya Pundir is the Country Manager for The Climate Reality Project India. He took over the branch in 2010 and is posted in New Delhi. He received his training from Honourable Vice President of US, Al Gore in 2009 on Climate Change, and was selected for Australian Leadership Awards Training 2013 in Environment. He has worked extensively in the field of climate change and sustainability in India.

He has authored 2 Books on Natural World Heritage Sites for UNESCO, 5 Environment Education CD ROM's and 8 Comics for children on environmental issues. He is also represented on consultation committees on climate change in India formed by UNDP, World Bank and UNESCO.

GUEST OF HONOR

**Ms. Geethanjali M.
Jeyakumar
Indian Forest Service (IFS),
Punjab Cadre**



Ms. Geethanjali M. Jeyakumar is an Indian Forest Service (IFS) Punjab Cadre Senior Officer with background in Agriculture, Forestry and Bio-diversity.

She is also an alumna of UNITAR/CIFAL Jeju and currently pursuing Ph.D. at University of Helsinki, Finland. She also possess flair for wild life photography and social activism.



SPECIAL GUEST

Ms. Dea Andrea Wehrli
Founder,
ECO[work] Association,
Switzerland



Ms. Dea Andrea Wehrli is an Environmentalist and has worked with various organizations/ institutions namely Swiss Recycling, Zurich, Switzerland, World Economic Forum, Davos, Switzerland, International Solid Waste Association, Vienna, Austria, UN Environment, Osaka, Japan, Sofies Sustainability Leaders, Mumbai, India, Zero Waste Store, Zurich, Switzerland, Empa – A Swiss Federal Laboratories for Material Science and Technology, St. Gallen, Switzerland.

In March 2019, She Co-founded an association named Social Impact Startup E(co)Work that works in Switzerland as well as in India, and for which she is also the President. In April 2018, Andrea had participated in an international training on Strengthening Governance for Low-Carbon Integrated Solid Waste Management and Circular Economy at UNITAR CIFAL, Jeju, South Korea. She also has a publication in UN Environment Report on ‘Single Use Plastic: A Roadmap for Sustainability’ which was published at the World Environment Day 2018 in New Delhi.

SPECIAL GUEST

Dr. Thu-Ba Huynh
Senior Advisor Environment
and Climate Change
FHI 360, Australia



Dr. Thu-Ba Huynh is Senior Advisor Environment and Climate Change with FHI 360, Australia and having over 20 years of experience in high impact multi-disciplinary science, policy/program development and implementation, cross-sector partnerships in the field of climate change, sustainability and natural resource management. She is Ph.D. in Climate Governance (Endeavour Awardee), University of Melbourne, Australia and M.Sc. in Environmental Science (Fulbright Scholar), Yale University, USA.

She is having a global experience in diversified projects and providing technical leadership in climate change and energy, biodiversity conservation, natural resource management, and environmental pollution. She is leading design, implementation and quality assurance of environment and climate change activities. Dr. Thu-Ba Huynh is growing FHI 360's Asia Pacific environment and climate change practice areas including business development, research and thought leadership.



KEY NOTE SPEAKER

Dr. T Kemala Intan
Founder of Graha Kirana
Foundation, Indonesia



Dr. T Kemala Intan is Founder of Graha Kirana Foundation, Indonesia and Lecturer with Medical School University of North Sumatera – Medan. A UNITAR CIFAL/ Jeju Alumni with more than three decades of experience, she has worked on diversified projects naming:

- Japan Education & Cultural Exchange Exhibition
- Grant Ambulance and Disable Transportation by Nippon Foundation
- Head of Project Takakura Composting in Medan City
- Head of Work Plan for Reduction of SLCPs from Municipal Solid Waste Management in Medan City Indonesia Graha Kirana Foundation – IGES – CCAC – MSW Medan City
- Coordinator of “Project for Water Environment Improvement in the Deli River Basin of North Sumatera Province”

She always believes in knowledge sharing and in recent COVID-19 times, she also shared her knowledge being as a Guest Speaker on the 2nd MKC Online Course “Resilient City ”Metro Kita Center Lampung Province Indonesia and the Speaker Workshop on “Environmental Education Project for Water Environment Improvement in the Deli River Basin of North Sumatera Province”.

PANEL SPEAKER

Ms. Elsie Gabriel
Founder President - Young
Environmentalists
Programme Trust and
National Coordinator Oceans
Climate Reality Project India



Ms. Elsie Gabriel is Founder President - Young Environmentalists Programme Trust and National Coordinator Oceans Climate Reality Project India. She is Ambassador for India Ocean Quest Global International, Founder Young Environmentalists Programme, National Coordinator Oceans- Climate Reality Project, Founder/Co-Chairperson Oceans School India, an award winning Author, environmentalist, climate change advocate, global speaker trained by former Vice President of USA Al Gore.

When she's not connecting the anthropological discoveries to the globe she's diving Researching on Oceans climate change as a PADI certified diver, with expertise in Environment law and Mass Communications, Researching on Climate change and ocean communities.

PANEL SPEAKER

Ms. Bich Pham
Project Coordinator,
Vietnam Municipal SWM
Project



Ms. Bich Pham is Project Coordinator, Vietnam Municipal SWM Project and has more than 18 years of working experience from sustainable agriculture development, agri-food, governance, institutionalization, policy advocacy, local-economic development, housing and urban & rural linkages development, PR and social media campaigns and events following.

She has experiences working for UN-Habitat and Vietnam solid waste management (VnSWM Project), one project funded by the Government of Canada, in the field of solid waste management and plastic reduction, urban agriculture, social and communities involvement, governance, policy advocacy, housing and urban development, institutionalization and networking as well as project management. Ms. Bich has self-studied on bio diversification, food security, farming and soil issues, she is truly interested in helping the slow food in Vietnam for good, clean and fair food for everyone, youth people in innovation farming movement on worldwide opportunities on organic farm (WWOOF) (or nature based agriculture approach) and promoting up for the slow food network in Vietnam with three pillars of Diversification; Education and Advocacy.

PANEL SPEAKER

Mr. Kinley Dorji
Lecturer and Programme
Leader of the Department of
Environmental Management
Royal Thimphu College,
Royal University of Bhutan



Mr. Kinley Dorji is a Lecturer and Programme Leader of the Department of Environmental Management Royal Thimphu College, Royal University of Bhutan. He review and recommend improvements to existing environmental strategies, investigate environmental incidents & develop action plans. As an individual and professional, he always follows & enforces environmental policies and procedures, perform environmental research and prepare research reports, which helps in developing budget & timelines for environmental operations & develop cost reduction initiatives while still maintaining quality.

He always believes in spreading knowledge by providing job trainings and assistance to team members when needed, while staying updated with environmental trends and legislations.

PANEL SPEAKER

Mr. Sanjaya Devkota
Programme Development
Officer with Rural Water
Supply and Sanitation Fund
Development Board
(WSSFDB), Nepal.



Mr. Sanjaya Devkota is Programme Development Officer with Rural Water Supply and Sanitation Fund Development Board (WSSFDB), Nepal.

Mr. Devkota is responsible for facilitation to WASH cluster as a co-lead and regular coordination with DDRC, D-WASH CC and GoN line agencies, coordination with agencies working in different sector to response in emergency. He is also leading initiatives for advocacy and awareness through influential activities (district to community level), message dissemination to central WASH cluster about on-going response & additional response, organizing cluster meeting regularly, and report writing.

PANEL SPEAKER

**Mr. R Clarrio Dimassetya
Jaya,
Project Leader - Urban And
Regional Planning Division,
Indonesia.**



Mr. R Clarrio Dimassetya Jaya, Project Leader - Urban And Regional Planning Division, Indonesia is a regional and urban planner, who has been involved in various aspects of planning. He is registered to the Indonesian Association of Urban and Regional Planner (member of ISOCARP) as an Urban and Regional Planning Specialist.

With an ability to speak and write in three languages, English (Professional), Indonesian (Native) and Javanese (Fluent), he is able to relate well with others and to maintain relationships through hospitality and diplomacy. As an urban and regional planner, he has an experience in organizing multi-stakeholder meetings and coordinating with various stakeholders, including governments, civil society and non-governmental organizations.

PANEL SPEAKER

**Mr. M.P. Singh,
Director of Punjab Energy
Development Agency (PEDA).**



Mr. M.P. Singh is the Director of Punjab Energy Development Agency (PEDA). He is a Mechanical Engineer and MBA from Panjab University.

Since inception of PEDA, a Punjab Government Undertaking in the year 1991, Mr. Singh is working with in the field of Renewable Energy (RE). He has more than 25 years of insightful experience in the field of Renewable Energy. He has done his fellowship programme in Waste to Energy-GHG Emissions abatement programme under GOI-UNDP programme in Germany and has been involved in setting up of various Renewable Energy (RE) projects in the State & Country.



SAYSDVD 2021- PROCEEDINGS



INAUGURAL SESSION

WELCOME ADDRESS BY DR. VIVEK TRIVEDI

Dr. Vivek Trivedi greeted guest and participants by uttering Pranam, Droba Dilay, Magandang Umaga, BUOI SANG TOT LANH, SELAMAT PAGI, NGAY TO, SUBHA UDĀSANAK, OHAYŌGOZAIMASU, GUTEN MORGEN keeping in view the wider participation from diverse origins and culture.

He said that he is honoured and privileged to welcome the **Chief Patron Hon. Navjot Pal Singh Randhawa**, IAS, Chief Executive Officer, Punjab Energy Development Agency (PEDA), Government of Punjab, Patron Er. M P Singh, Director PEDA, today's Chief Guest Aditya Pundir, Head India and South Asia, The Climate Reality Project, Special Guest Geethajali M. Jeyakumar, IFS cum Research Fellow Helsinki University, Finland, Guest of Honor Dea Andrea Wehrli, Co-founder Eco[work], Switzerland, Guest of Honor Dr. Thu Ba Huynh, Senior Advisor Environment and Climate Change, Asia Pacific, FHI 360, Australia and Distinguished Guest Dr. T. Kemala Intan, Griha Kirana Foundation, Indonesia in the **South Asian Youth Sustainable Development Virtual Dialogue (SAYSDVD) 2021** in institutional partnership with Punjab Energy Development Agency (PEDA), technical & knowledge support from The Climate Reality Project India and mobilization support from e-conScious Society, Royal Thimpu College, Bhutan to be held today i.e. 5th June, 2021 virtually with an aim to address the issues of Conserving Biodiversity, Restoring Ecosystems and Climate Change. In addition, this dialogue is intended to develop understanding & exploring Indigenous knowledge on Bio-diversity conservation and Climate Change Adaptation. He also extended warm welcome to young panellists Elsie Gabriel from India, Bich Pham from Vietnam, Kinley Dorji from Bhutan, Sanjay Devkota from Nepal and R Clarrio Dimaswetya Jaya from Indonesia, who are practitioners, activists in the field of environment.

He also extended warm welcome to young panellists Elsie Gabriel from India, Bich Pham from Vietnam, Kinley Dorji from Bhutan, Sanjay Devkota from Nepal and R Clarrío Dimaswetya Jaya from Indonesia, who are practitioners, activists in the field of environment.

He further welcomed other eminent guest and esteemed members of APSWDP, key functionaries of APSWDP including DR Monica Singh, Dr J K Yadav, Rekha Trivedi, Dr Sumit Arora, Hitesh Kumar Gulati, Rajeev Kumar Dr. Anshu Kumar, and Karamveer Singh.

Dr. Trivedi said that it is his indeed pleasure to welcome the august gathering of participants from various states of India and from diverse domains of Social Work, Legal, Teaching, Corporate Social Responsibility (CSR), Government Officials, Healthcare Professionals, Graduates and Post Graduates Students of Social Work. I also welcome participants from other countries including Indonesia, Bhutan, Ghana, Peru, Sri Lanka, Nepal, Philippines, Cambodia, Thailand, Canada, Australia, Vietnam, Ethiopia and Japan as well who have shown interest in this south Asian youth virtual dialogue. In fact, the wider participation across seven continents has made it actually beyond South Asian context leading to virtual global dialogue. Thanks to our wider networks, partners and eminent members abroad.

He shared that if we see the historical aspects, then World Environment Day was first celebrated in 1972 by the United Nations at the Stockholm Conference on the Human Environment that had resulted from discussions on the integration of human interactions and the environment. He further highlighted that two years later, in 1974 the first WED was held with the theme "Only One Earth". Even though WED celebration has been held annually since 1974, in 1987 the idea for rotating the centre of these activities through selecting different host countries began.

He threw light on the theme for World Environment Day 2021 i.e. “Ecosystem Restoration” and will see the launch of the UN Decade on Ecosystem Restoration. Ecosystem restoration can take many forms: Growing trees, greening cities, rewilding gardens, changing diets or cleaning up rivers and coasts and above changing our lifestyle and modifying behaviour. Gandhi has said, “Be the Change You want to See in this World”. This is the generation that can make peace with nature.

He conveyed that aligned to the global goals i.e. SDGs, and ESD of UNESCO, APSWDP has a mandate and been working on ‘Promoting Social Work Education for Sustainable Development’ and focuses on three of the five priority action areas of Global Action Programme i.e. Building capacities of educators and trainers; Empowering and mobilizing youth; and accelerating sustainable solutions at local level.

Further, he said we must all accelerate progress today by sensitizing various stakeholders working on environment studies, conservation, biodiversity restoration, urban poverty, livelihood, and climate change mitigation. He asserted that the outcomes of the dialogue will enable all the participants and panellists to document their ideas and solutions, and it will be further shared with the United Nations and other bodies like UNFCCC for framing a comprehensive global plan of the future we want.

He concluded by saying thanks for joining the dialogue virtually and also said that we feel privileged to witness the deliberations from our Chief Guest and Guest Speakers invited from all over the world.



INAUGURAL ADDRESS BY CHIEF GUEST MR. ADITYA PUNDIR

Mr. Aditya Pundir first of all congratulated APSWDP and its members, the Climate Reality Leaders based at Chandigarh for conceiving the South Asian Youth Sustainable Development Dialogue (SAYSDVD) - 2021 by involving diverse range of partners and practitioners in South Asia region. He appreciated the participation from countries beyond South Asia as well. He said the Climate Reality India is privileged to be a part of the deliberations to be made in the dialogue in the capacity of programme partner.

He further said that behaviour change, climate advocacy and building network is very crucial in Climate Change Adaptation and Mitigation plan strategies, biodiversity conservation and ecosystem restoration. He said, he is excited to see the profile of young speakers who are actually practitioners in local government, civil societies across the South Asian region from diverse range of experience towards Sustainable Development Goals.

In his inaugural address, he shared a presentation in which he portrayed that we have to reimagine, recreate and restore in context of ecosystem. He shared that environmental SDG 13, 14, and 15 are not doing well in context of target achievements so far due to lack of commitment and approach. He further said, that we can not achieve SDGs in isolation; that is why, UNEP is talking to achieve SDG 13, 14 and 15 by togetherness and working in consonance with all the relevant stakeholders, be it is government, civil society, industry, academia, or others including youth marginalized viz-a-viz persons with disabilities, old aged, transgender etc. He shared that Climate Change is one of the biggest danger we are facing in this century.

He referred to floods, oceanic disasters which we are facing in South Asia causing huge loss of life and property in the last two decades. He further referred Indian scenario as well in the states like Bihar, Andhra Pradesh and Assam which are impacted from floods causing huge migration from their native places to recover losses.

He referred to the case of Chilka Lake in Orissa, which is now having threat on its ecosystem including life below water from silting, cutting of mangrove trees, over fishing, plastic pollution and discharge from hotels etc. He said, IIT Madras came forward towards the challenge and worked on restoration of the ecosystem by working on awareness & sensitization, behaviour change which has correspondingly improved the lake and economic opportunities.

He concluded his inaugural address by referring again the outcome of Chilka Lake Restoration that 50,000 migratory birds were counted in May 2021, which signifies that natural habitat for the birds is favourable and conducive and is actually restored for them, and we can not bribe or influence birds, it is their natural feelings and observations.



ADDRESS BY GUEST OF HONOR MS. GEETHANJALI M.

Ms. Geethanjali in her address threw light on UN Decade of Ecosystems restoration (2021-2030) by sharing that Ecosystems are capital assets that provide a wide range of services. And now, ecosystems are getting degraded mainly because of the anthropogenic pressures we have put on them to maximize our benefits and in the process, we did not bother to maintain them for future.

She also shared that ecosystem services are the benefits that people obtain from ecosystems e.g. capacity of ecosystems to provide food, fibres and clean water, regulate local and global climate, maintain soil and nutrient cycles, control pest and diseases, and contribute to spiritual, aesthetic and cultural value. She further said that these include supporting services that maintain the conditions for life; provisioning services that provide direct inputs to livelihoods and economy; regulating services that provide flood and disease control; cultural services that provide opportunities for recreation, spiritual or historical sites; and supporting services that sustain and fulfil human life.

She highlighted that increasing demands on the ecosystem services puts a pressure on the natural ecosystems, and such excessive demands on ecosystems diminish their capacity to produce various services. Hence, there is a growing need both to promote their sustainable use and to preserve biodiversity for the future. Our ecosystems need to be kept resilient to offer all ecosystem services for human welfare. Habitat destruction, invasion by exotics, decrease in wild habitats, and increase in cultivated areas are the various forms of habitat degradation. She asserted by saying that we need to restore the natural habitats and maintain their biodiversity to make them resilient.

She explained that ecosystem restoration relies on Biodiversity conservation and biodiversity conservation is needed for sustainability, to tackle climate change and ensure planet's health and long-term survival of the human species. Natural Ecosystems need to be conserved e.g. Protected Areas like National Parks, Wild life sanctuaries, Reserved forests. Man-made Ecosystems need to be enriched and made near natural (more natural). For, e.g, we can have urban parks and urban forests. Agriculture can be followed organically and eco-friendly manner. E.g. Agroecology. We need to have sustainable lifestyles, that don't disrupt our ecosystems.

She concluded her address by saying that "**we are at the crossroads. It's now or never**". We need to reconcile our development aspirations and balance them properly with our conservation agendas, to keep our ecosystems resilient and sustainable. We require nature for our future. Hence, we have the dire need to restore our ecosystems.



ADDRESS BY SPECIAL GUEST MS. DEA ANDREA WEHRLI

Ms. Dea Andrea Wehrli in her special address shared about her own work at Eco[work], which she and her colleagues has founded in Switzerland, which has now is widespread in Indian subcontinent. She further shared that E[co]work, a social and environmental impact organisation that aims to empower microentrepreneurs in the informal e-waste (electronic waste) sector in India and enable the transition to a more equitable and healthy circular economy, bringing benefits to people and environment.

She further referred Zero Waste Grocery Shop Switzerland, which is co-founded, set up and managed by her. She further said that her motivation to do so was to create environmental awareness and bring more sustainability into Swiss consumption patterns, by creating the opportunity to buy environmentally and socially fair produced products, avoid food waste and packaging waste.

She continued her session by sharing other biodiversity projects which she has started that promote biodiversity and sustainable food production and consumption, including 1. Seedcity ETH community garden which offers an opportunity to actively cultivate a garden. Since its beginning in 2010, founded by ETH students, an oasis of biodiversity has been created on an area of approx. 1,200 m², inviting nature-lovers to teach, learn, work, and relax;

2. Tree garden: A very recent project – only started in 2021 – that has the aim to create habitats for birds, insects and other animals, promote old and rare plants species while also providing food – vegetables, fruits and berries – for people. and; 3. Koshaa: Koshaa aims to reconnect people with nature, by simplifying life and experiencing its abundance in alignment with nature. Koshaa means covering of the self by five layers: Annamaya (Food), Pranamaya (Energy), Manomaya (Mind), Vijnanamaya (Intellect) and Anandmaya (Bliss). It is an Indian initiative founded by Deepak Ashwani.

She concluded by saying that SAYSDVD-2021 is a great platform to interact and network some of our initiative by building partnership in India and other countries in south Asian region.



ADDRESS BY SPECIAL GUEST DR. THU-BA HUYNH

Dr. Thu-ba Huynh in her special guest address shared a presentation on Reimagine-Recreate and Restore philosophy with the highlight on the Environment and Climate Change initiatives by FHI-365.

She shared that Asia Pacific region is at heightened risk and exposure to environment catastrophes and climate change. She said that out of the top 20 countries impacted on a population basis by project sea level rise, 12 countries are in the South Asian region. She further added that the region is now home to 97 of the 100 most polluted cities in the world and 5 out of 10 countries are most vulnerable to climate change.

She highlighted that FHI 360's Environment and Climate Change (ECC) is strategically prioritizing environment and climate change opportunities using their expertise, capabilities, and platforms to expand their portfolio of projects and establish ECC as a thought leader in Asia and the Pacific.

Dr. Thu shared few statistical figures as under to highlight the gravity:-

- the livelihoods of 1.6 billion people depend on forest.
- Employment in formal forest sector- 45 million and informal sector job 41 million.
- In India, more than 700 million people depends on forests and agriculture for their livelihoods. Over 250 million, mostly tribal and indigenous communities need forest for firewood, animal fodder, food security and income.
- Deforestation is the second leading cause of global warming.

ADDRESS BY SPECIAL GUEST DR. THU-BA HUYNH

Dr. Thu-ba Huynh further shared that without environmental income, poverty rates could be much higher in (sub) tropical forest landscapes. In addition, she shared the forest dynamics of Vietnam by illustrating that the forest cover was declined from 43% to 27% between 1943 and 1990. However, with sustained efforts undertaken, the forest cover was increased to 39.7% due to new plantation till 2012. Also, she shared that Vietnam has set a target of 45% forest cover by 2020.

She concluded by quoting **"Let's get active, not anxious, Let's be bold, not timid"**.



KEY NOTE ADDRESS BY DR. T KEMALA INTAN

Dr. T Kemala Intan in keynote address shared her work through a presentation title "Understanding & Exploring Indigenous Knowledge on Bio-diversity conservation and Climate Change" executed under Griha Kirana Foundation.

She shared that under JICA Partnership Programme, an Environmental Education Project for Water Environment Improvement in the Deli River Basin of North Sumatra Province in the period April 2018 to April 2022. She also presented few case studies on Teachers and Student engagement in environment education developed by Indonesian and Japanese government.

She highlighted that today, the world is facing a variety of problems caused by human development activities such as climate change, biodiversity losses, resource depletion and the expansion of poverty. Education for Sustainable Development comprises learning and educational activities that aim to develop alternative values and transformative actions that lead to problem-solving and to realize a sustainable society by taking the initiative to accept these problems of modern society as our own and tackling the problems in our immediate environment (think globally, act locally) in order to ensure that human beings are able to secure an abundant life for future generations.

She elaborated the aims of the ESD and concepts as under:

1. Teachers and students elicit issues related to building a sustainable society, centering on the “six perspectives” that constitute the building a sustainable society.

Concepts of sustainable society-building:

- 1 Diversity (variety exists)
- 2 Interdependence (relating to each other)
- 3 Limitation (limits exist)
- 4 Fairness (valuing everybody)
- 5 Cooperation (cooperating with others)
- 6 Responsibility (taking responsibility)

2. Teachers and students acquire the “seven competencies and attitudes” necessary to solve problems in order to build a sustainable society.

Competencies and attitudes to be emphasized in ESD

1. Ability to think critically
2. Ability to plan with anticipation of a future scenario
3. Ability to think in multidimensional and integrative ways
4. Ability to communicate
5. Ability to cooperate with others
6. Attitude to respect relations and connections
7. Attitude to participate proactively

She concluded her keynote address by saying that, "ESD is education that fosters the builders of a sustainable society".



PANEL DISCUSSION: UNDERSTANDING & EXPLORING INDIGENOUS KNOWLEDGE ON BIO-DIVERSITY CONSERVATION AND CLIMATE CHANGE: CASE STUDIES AND EXPERIENCES FROM SOUTH ASIAN NATIONS.

PANEL DISCUSSION BY MS. ELSIE GABRIEL

Ms. Elsie Gabriel in her presentation on “Let’s Revive Our Oceans” covering aspects of SDG 14 - Life Below Water, in which she stressed on working towards concerns of sea and oceans which are getting polluted and entire marine ecosystem has got disturbed.

She quoted Sylvia Earl, her mentor for motivating to work on oceans and shared that she has dived into more than 20 oceans across the globe right from Indian Ocean, Pacific, Atlantic covering many countries including Singapore, Brazil, Madagascar, Bali, Mauritius, Maldives and her own country India. She said, she has transformed her diving career into a researcher over the years. She described that she is also an educationist and love to work with youth. She also shared that UN has declared UN Decade of Ecosystems restoration (2021-2030) which has created enthusiasm in her to get involved youth in this context and work on ecosystem restoration particularly marine ecosystem by of generating awareness, lobbying and building capacity of various stakeholders concerning sea and oceans.

She further shared that the big question is where do we start and how in ecosystem restoration? She said, everyone can start from their backyard, being anywhere in the world, by contributing at least a bit. No One is Left Behind has become a popular saying in the UN context, it is very true, and we shall work in way that this statement proves its worth, we have to see who is at the last seat, means making livelihood out of sea and oceans, we have to think for them.

If we talk about conservation and ecosystem restoration then we shall not stick to forests only, and we have to think beyond it as well towards Oceans as well.

She further said, we have to mobilize youth in making them Ocean Educationists and Activists and how they can contribute by making their journey in Ocean Ecosystem restoration in next ten years. She further highlighted the sub-targets of SDG 14 as under and discussed various aspects:

- Protect and Restore Ecosystems.
- Sustainable Fishing
- Conserve Coastal and Marine Areas
- End Subsidies contributing to overfishing
- Increase Science, Research and Technology
- Implement and Enforce International Sea Law

She concluded her presentation by saying that we have to bring inclusiveness and gender equality in marine education and conservation and it is the only way forward towards ecosystem restoration.



PANEL DISCUSSION - MS. BICH PHAM

Ms. Bich Pham first thanked APSWDP for inviting in SAYSDVD 2021. She shared a presentation on plan, programme and activities in Vietnam by Ministry of Natural Resources and Environment. She said there is UNHABITAT Office in Vietnam for more than 10 years and the government is working on green programme and economy gradually by focusing on three approaches:

- ECO-ISM
- MODERNISM
- ECO-REALISM

She further shared that UN-HABITAT Office has supported in developing City Development Strategy which focuses on sustainable urban services and infrastructure, natural resource service management and ring road SWOT analysis.

She further highlighted works of UN-HABITAT in Vietnam for bringing sustainability:

- Supported the formulation of sustainable urban development policies and planning law with strengthen role of Vietnam Urban Forum (VUF) in policy dialogues.
- Advised and support the formulation of national housing development strategy through a number of low income housing analysis, studies and strengthened the capacity of policymakers, researchers, planners at national and local levels through a broad training programme
- Advised the formulation of social and economic development strategy in Quang Nam and eco planning in Hội An through a number of analysis, policy dialogues, and leadership training.

- Supported to develop local urban observatories and city-level performance index in 78 cities to facilitate the better evidence-based reviews and local decision-making process.
- Urban forums to foster multi-level and multi-sector cooperation on sustainable urban development policies.
- Green growth oriented city development strategy approach in Quang Nam Province and Hội An City.



PANEL DISCUSSION - MR. KINLEY DORJI

Mr. Kinley Dorji thanked APSWDP for partnering with econScious Society with multi stakeholders dialogue and inviting him in the SAYSDVD 2021. He said, it his honour to convey felicitation on the special day i.e. World Environment Day 2021 from the Majesty, the King, and the people of Kingdom of Bhutan to all the participants across the world.

Mr. Dorji in his deliberations, said that how delighted to be here in this virtual platform connected with hundreds of participants from various countries of the world to celebrate the spirit of World Environment Day 2021. This is, indeed, a sacred moment for the humanity to gratify and cherish the blessings of natural environment we live in and aspire to continue the glory and prestige of nature and human space.

He said he will share on Biodiversity in Bhutan, for which entire world is looking at his country and how they have conserved it in the days of extensive development. He said, Bhutan has been declared as a Biodiversity Hot Spot in the world, which is very rich in context of sustainability. He said, Bhutan is primarily an agrarian nation and the economy is depending on agriculture, tourism, and hydropower.

He said, Bhutan is having very rich biological diversity i.e. natural and agricultural biodiversity, which is having 72% of land under forest cover. He said, you can think of how intrinsically and intricately the economy of Bhutan is related to rich natural resources, Bhutan has. He said, the predominant economic activity that feed Bhutan economy and wellbeing is based on the direct benefits or derivatives rising from the rich diversity. It is only due to priorities given to conservation, sustainability, and institutionalization of these legally, culturally and socially by adopting consciously, guided by developmental paradigm called as Gross National Happiness.

Mr. Dorji in his concluding part said that Bhutan is a developing nation and has economic growth rate little more than 3% today due to COVID-19 pandemic, otherwise it was almost 7% before COVID-19. The economic growth as we all see all around the world has its own set of impacts on environment. The pristine Himalayan ecosystem and its integrity the Bhutan has can be undermined. In many ways, it is all about forest cover and healthiness.

In terms of Climate Change, Bhutan has been declared as the only carbon negative country in the world and the pride of Bhutan is also having in the COVID-19 negative country. He said, the climate change has been recognised as most complex challenges which humanity is facing. Bhutan may face consequences in future to global climate challenges due to seasonal changes, which will affect the agriculture and biodiversity on which our economy is based.

He concluded by saying that youth has got a potential to work towards sustainability and ecosystem restoration and can contribute a lot on education & technology, enabling environment and implementation of programmes. He finally said that we need to enlighten our minds and heart with purity to see earth as mother earth and respect our indigenous knowledge base, on which the ecosystem is sustained for a thousand of years.



PANEL DISCUSSION - MR. SANJAYA DEVKOTA

Mr. Sanjaya Devkota in his presentation titled “Biodiversity is our life as well as future of new generations” shared that many developing and least developed countries, with resource and capacity constraints, have been unable to respond to the adverse impacts of biodiversity. Due to diverse geography makes it vulnerable to ecosystems, various climatic impacts, including extreme temperatures, erratic rainfall, drought, cyclone, hurricane, tsunami, fluctuation in ocean temperature, floods, melting snow, and glacier retreat.

He further said that the COVID-19 pandemic has also led to a dramatic loss of human life worldwide and presents an unprecedented challenge to public health, food systems and the world of work. The economic and social disruption caused by the pandemic is devastating: and millions of people are at risk of falling into extreme poverty. He said, if we think seriously, every unprecedented events that we have been facing year after year are the reflection of bio-diversity deterioration and climate change.

He added that though the national and international organizations since the beginning, have developed goals, plans and guidelines for the sustainable conservation of its natural resources, and established a network, however, there has been a big decline in biodiversity due to human pressures and encroachment. It is clear that a more integrated approach to ecosystem management is needed, so that more effective decisions can be made to reduce pressures, conserve biodiversity and enhance the benefits that people receive from nature. He clarified that for achieving this, it is the time for global solidarity and support, especially with the most vulnerable in our societies, particularly in the emerging and developing world.

Indeed, standing together with collaboration and cooperation each other can we overcome the health, social and economic impacts of the pandemic and prevent its growth. Almost all of the population in the world relies on ecosystem services for food, water supplies, air and protect from extreme weather.

He shared that there is the substantial value of nature, no doubt but we also need to value them equally. We all know that, decline in biodiversity is resulting in the reduction and degradation of ecosystem services. Ecosystem services are the benefits that we receive from nature—for example the provision of crops and the regulation of climate as well as opportunities for cultural, spiritual and recreational experiences. Despite our dependence on ecosystem services, they are consistently overlooked and undervalued in decision-making that affects their provision. This may be because ecosystem services are not understood, or they are taken for granted. As a result, poor choices are often made which destroy or degrade natural habitats, resulting in the decline of many services, along with the biodiversity that supports them, often with severe impacts on poor and vulnerable people. The time has come to recognize this opportunity to build back better. No one will be able to claim that they did not know about the deterioration of biodiversity and climate change. Being irresponsible, we can no longer continue to destroy the diversity of life.

He concluded his session by saying that biodiversity conservation and restoration is our duty towards future generations. We can't run away from the onus. In fact, each and every citizen who lives on this planet using the resources from nature even eating and breathing is equally responsible for its conservation and restoration. We always keep in mind the slogan of sustainability which is widely known;

"Sustainable development can be defined as development that meets the needs of the present without compromising the ability of future generations to meet their own needs. " To sum up, for the overall development government of each country should lead actively involving inter agencies together. Being committed and stand together by integrating the fragmented individual efforts, all the sectoral stakeholders can make a major breakthrough in the sector of biodiversity conservation and restoration. Moreover, it is inevitable to sincerely internalize the alarming issues of bio-diversity for achieving the sustainable development goal by 2030.



PANEL DISCUSSION - MR. R CLARRIO DIMASSETYA JAYA

Mr. R Clarrio Dimassetya Jaya spoke mainly on challenges on Climate Change and Ecosystem Restoration. He said, the rapid anthropogenic climate change that is being experienced in the early twenty-first century is intimately entwined with the health and functioning of the biosphere. Climate change is impacting ecosystems through changes in mean conditions and in climate variability, coupled with other associated changes such as increased ocean acidification and atmospheric carbon dioxide concentrations.

He further added that It also interacted with other pressures on ecosystems, including degradation, defaunation and fragmentation.

He shared that there is a need to understand the ecological dynamics of these climate impacts, to identify hotspots of vulnerability and resilience and to identify management interventions that may assist biosphere resilience to climate change. He said that at the same time, ecosystems can also assist in the mitigation of, and adaptation to, climate change. Mr. Jaya asserted while concluding his talk said that, the mechanisms, potential, and limits of such nature-based solutions to climate change need to be explored and quantified.

WAY FORWARD IN CONSERVING ENVIRONMENT, BIODIVERSITY RESTORATION AND CLIMATE CHANGE - ER. M. P. SINGH

In a deliberation moderated by Er. M. P. Singh following points were emerged in the dialogue being referred to UNEP publication, ECOSYSTEM RESTORATION FOR PEOPLE, NATURE, AND CLIMATE:

1. Effective implementation and uptake of integrated environmental-economic planning can transform public expenditure patterns and deliver improved outcomes for ecosystems, for instance, by helping to inform:
2. Investment in ecosystem-based livelihoods and adaptation that directs public expenditure towards activities based on the sustainable use of ecosystems and on building the resilience of landscapes (e.g., with respect to climate change).
3. Integrated economic planning across sectors and landscapes to direct funds that capture the multiple benefits that investment in ecosystems may deliver and to inform cost sharing.
4. Subsidy reform to incentivize ecosystem restoration, for example via payments for ecosystem services. Substantial revenues could be made available by removing subsidies that currently damage ecosystems
5. Taxing activities that degrade ecosystems and creating revenue for ecosystem restoration.
6. Charging appropriate fees to use ecosystems and ecosystem services to help address unsustainable open access use and create revenues for restoration.

He also shared a saying, **“Making peace with nature is the defining task of the 21st century. It must be the top, top priority for everyone, everywhere.”** said by António Guterres, UN Secretary-General.

KEY TAKE AWAY AND LEARNINGS - MR. BHAVESH SWAMI

Mr. Bhavesh Swami moderated another micro session after virtual networking and cross-fertilization of discussions in breaking rooms, following points have been emerged as takeaways shared by speakers and participants:

- recognizing the importance of human rights, and traditional ecological knowledge for ecosystem restoration.
- including restoration goals in jurisdictional and urban development plans, and raise awareness across the population about the importance of healthy ecosystems and urban green spaces.
- investing in the health and productivity of ecosystems
- re-investing significantly into supply chain security through ecosystem conservation and restoration.
- educating the next generation of citizens to be aware of the value of nature, and to train a generation of entrepreneurs who can scale up restoration efforts.
- Indigenous peoples and local communities across the world to build on their knowledge, experience and capacity for action to deliver restoration.
- Civil society organizations to include and prioritize restoration and related awareness-raising efforts in their programmes.
- Youth organizations to play an active leadership role in ecosystem restoration locally, nationally and globally, and to be involved in the governance of the UN Decade for a #GenerationRestoration movement.
- Citizens across the world to actively participate in the UN Decade and to consider their consumption choices, with a view to restoring healthy ecosystems for the benefit of present and future generations.

CONCLUDING REMARKS AND VOTE OF THANKS BY DR. SUMIT ARORA

Dr. Sumit Arora in his Vote of Thanks address, said that he is extending his deepest gratitude to chief patron, Mr. Navjot Pal Singh Randhawa (IAS), Chief Executive Officer, Punjab Energy Development Agency, Government of Punjab (India) for accepting our request to be the Chief Patron for SAYSDVD-2021 and for gracing the occasion with his kind gesture. He said that he has a great tendency to inspire youth and individuals from all walks of life and has been a guiding force for the entire APSWDP fraternity. Also, he forwarded his sincere thanks to Mr. M. P. Singh, Director, Punjab Energy Development Agency, Government of Punjab (India) for his valuable support and encouragement for this event hosted by the Virtual Center of Excellence for Social Welfare Administration in collaboration with Punjab Energy Development Agency, The Climate Reality Project-India, and econScious Society, Royal Thimpu College, Bhutan under the aegis of Association of Professional Social Workers and Development Practitioners.

Dr. Sumit thanked Mr. Aditya Pundir, Country Head India and South Asia, The Climate Reality Project-India; Ms. Geethanjali (IFS), Research Fellow, Helsinki University, Finland; Ms. Dea Andrea Wehrli, Co-Founder E[co]work, Switzerland; Dr. Thu-Ba Huynh, Senior Advisor Environment and Climate Change, FHI 360, Asia Pacific, Australia; Dr. T. Kemala Intan from Graha Kirana Foundation, Indonesia for accepting request to be the Chief Guests & Speakers in SAYSDVD - 2021 in the background of commemorating World Environment Day 2021.

Further, he extended his heartiest thanks to Youth Speakers Ms. Elsie Gabriel, Founder, Young Environmentalist Programme Trust, India; Ms. Bich Pham, Public Space Project Manager, UN-Habitat Vietnam; Mr. Kinley Dorji, Programme Leader, Department of Environmental Management, Royal Thimpu College, Bhutan; Mr. Sanjaya Devakota, Program Development Officer, Rural Water

Supply and Sanitation Fund Development Board, Nepal; Mr. R. Clarrío Dimassetya Jaya, Project Leader, Urban and Regional Planning Specialist with the Urban and Regional Planning Division, Indonesia for sharing their wonderful insight over the diverse issues.

He said that behind the success of SAYSDVD 2021, a team of dedicated members has worked very hard in putting forth all the possible efforts in leaving no stone unturned. He put forth his sincere thanks to Mr. Vivek Trivedi, Principal Convener for the event, and Founder-cum-Adviser, APSWDP for leading APSWDP in the right direction. His continuous endeavors in team-building have shown us great dimensions, especially in the field of the social work profession. He shared that our dedicated team comprising Mr. Rajeev Choudhary, Mr. Hitesh Kumar Kumar Gulati, Mr. Deepak Yadav, Mr. Navneet Trivedi, Mr. Bhavesh Swami, Mr. Paramjit Singh, Mr. Balbir Singh, and Mr. Rajeev Kumar have been diligently involved in the overall planning and execution of SYSDVD 2021. He further thanked backend team members Dr. Mool Raj, Dr. Geetika Malhotra, Dr. Priyanka Khanna, Dr. Jagmohan Singh, Ms. Poornima Bhardwaj, Mr. Vinay Kumar, Mr. Gautam Bhardwaj, Mr. Karamveer, and Mr. Rohit who have made sincere efforts in ensuring the success of SAYSDVD 2021.


Dr. Sumit quoted the Irish author James Joyce, "**Better pass boldly into that other world, in the full glory of some passion, than fade and wither dimly with age**". He shared that he strongly believe that we as APSWDP fraternity have exemplified this statement. Through these past years, we all have discovered and devoted ourselves to our passion and have grown immensely as a result. He said that in our midst, we have expanded under the mentorship of our eminent members hailing from diverse backgrounds and constitutes the senior bureaucrats from Administrative services, senior eminent professors, medical

scientists, social scientists, professional social workers, development practitioners, entrepreneurs, consultants from bilateral and multilateral agencies, activists, and students.


He further mentioned that he is grateful to Mr. Kinley Dorji for coming as a partner in the programme through econScious Society, Royal Thimpu College, Bhutan; and to Mr. Aditya Pundir from the Climate Reality Project-India. He said that APSWDP is indeed obliged with esteemed partner initiatives and look forward to future pursuits as well.

Lastly, he thanked the participants from India as well as from different parts of the World for showing their keen interest in SAYSDVD 2021 and contributing by way of active participation and fruitful virtual networking.





ANNEXURES



Programme Agenda



COMMEMORATING

WORLD ENVIRONMENT DAY 2021

South-Asian Youth Sustainable Development Virtual Dialogue -2021

Organized By

Virtual Center of Excellence for Social Welfare Administration	Punjab Energy Development Agency (PEDA)	E-conScious Society, Royal College of Thimpu, Bhutan	The Climate Reality Project-India
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Under the aegis of

Association of Professional Social Workers and Development Practitioners (APSWDP), Chandigarh, India

PROGRAMME AGENDA

Time	Inaugural and Opening Session	Resource Persons
11:30 am	Formal Welcome and Programme Background	Mr. Vivek Trivedi , Founder and Hon. Principal Adviser, APSWDP cum Hon. National Coordinator (Disasters, Poverty Livelihood), TCP India.
11:40 am	<p>Opening Remarks by Chief Guest , Mr. Aditya Pundir, Head India and South Asia, The Climate Reality Project.</p> <p>Special Address by Special Guest Ms. Geethanjali M. Indian Forest Service (IFS)-cum-Research Fellow, Finland</p> <p>Special Address by Guest of Honor Ms. Dea Andrea Wehrli, Co-Founder E[co]work, Switzerland.</p> <p>Special Address by Guest of Honor Dr. Thu-Ba Huynh, Senior Advisor Environment and Climate Change , FHI 360, Australia</p> <p>Key Note Address by Key Note Speaker Dr. T Kemala Intan, Graha Kirana Foundation, Indonesia.</p>	<p>Moderated By:</p> <p>Mr. Hitesh Kumar Gulati, Hon. Director General, APSWDP, India.</p>



Time	Panel Discussion	Resource Persons
12:40 pm	Understanding & Exploring Indigenous Knowledge on Bio-diversity Conservation and Climate Change: Case Studies and Experiences from South Asian Nations.	<p>Ms. Elsie Gabriel, Founder Young Environmentalists Programme Trust, Hon. National Coordinator Oceans, TCP India.</p> <p>Ms. Bich Pham, Project Coordinator, Vietnam Municipal SWM Project.</p> <p>Mr. Kinley Dorji, Programme Leader, Environmental Management, Royal Thimpu College, Bhutan.</p> <p>Sanjaya Devkota, Programme Development Officer, WSSFDB, Nepal.</p> <p>Mr. R Clarrío Dimassetya Jaya, Project Leader - Urban And Regional Planning Division, Indonesia.</p> <p>Moderator- Mr. Hitesh Kumar Gulati, Hon. Director General, APSWDP, India.</p>
Time	Question & Answers	Moderator
01:20 pm	<p>Question & Answers</p> <ul style="list-style-type: none"> • Pre-registered questions • Questions from Chat-room • On the Spot Questions 	Mr. Rajeev Kumar , Hon. Director Capacity Building and Training, APSWDP.
01:30 pm	Way Forward in conserving Environment, Biodiversity Restoration and Climate Change	Er. M.P. Singh , Director, Punjab Energy Development Agency
01:35 pm	Key Take Away and Learnings	Mr. Bhavesh Swami , Manager Clean Energy, TCP-India.
01:40 pm	Speed Networking	Mr. Rajeev Kumar , Hon. Director Capacity Building and Training, APSWDP
01:50 pm	Concluding Remarks & Vote of Thanks	Dr. Sumit Arora , President, APSWDP.
02:00 pm	E-feedback & Group Picture	Vinay Kumar Verma , Hon. Project Coordinator, APSWDP.

Picture Gallery

WELCOME

Thank you all for registering from various parts of the world:

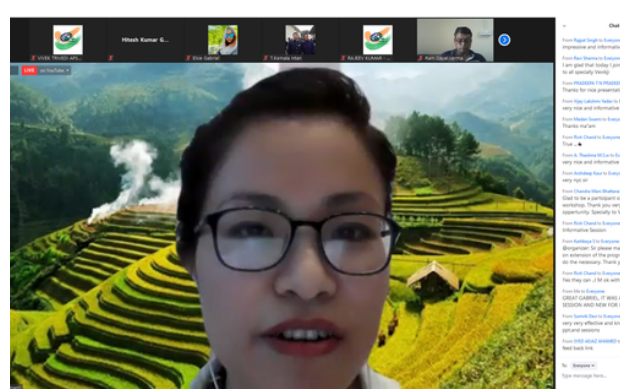
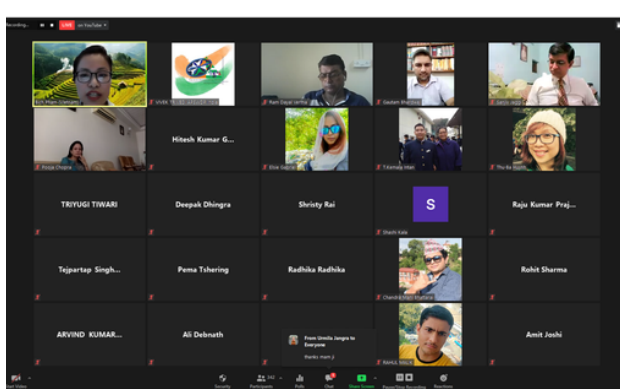
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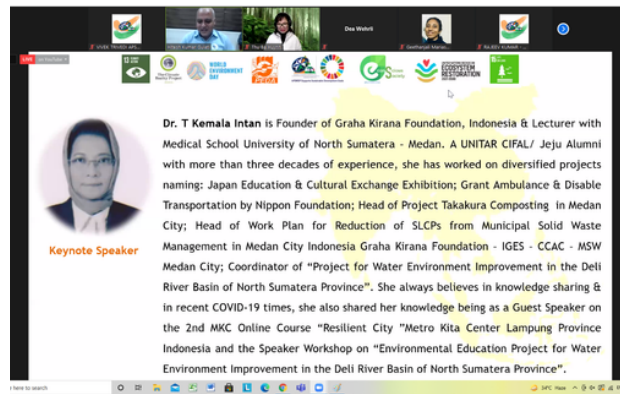
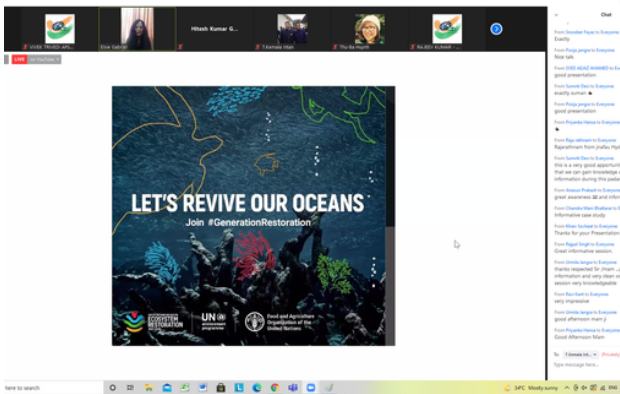
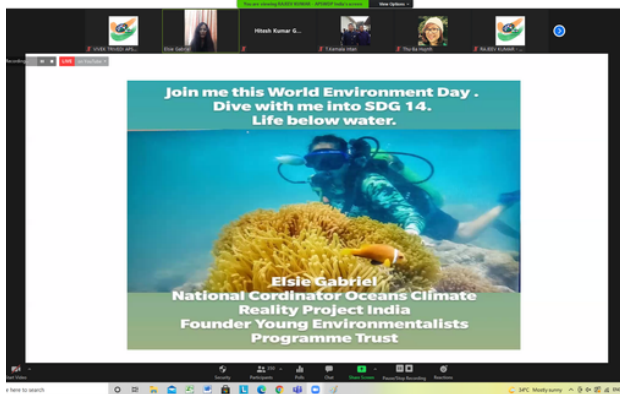
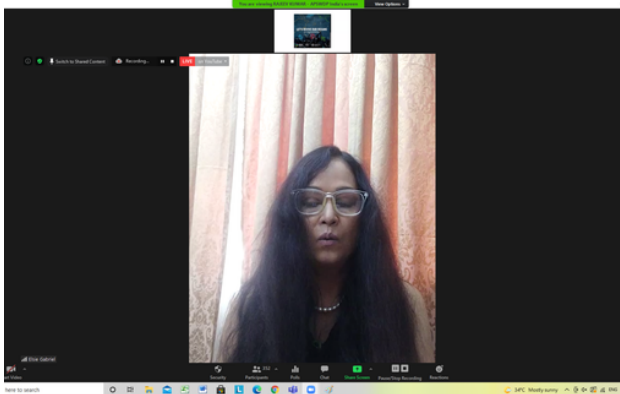
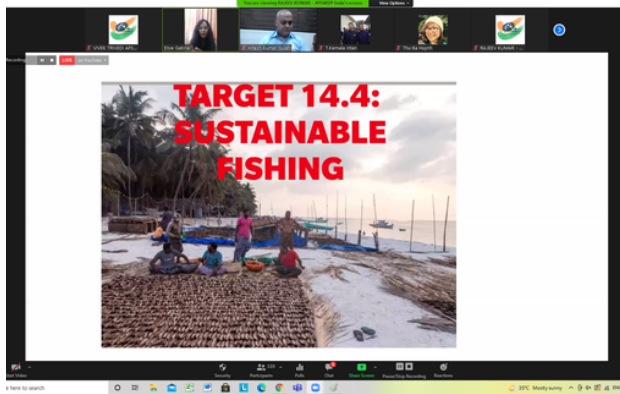
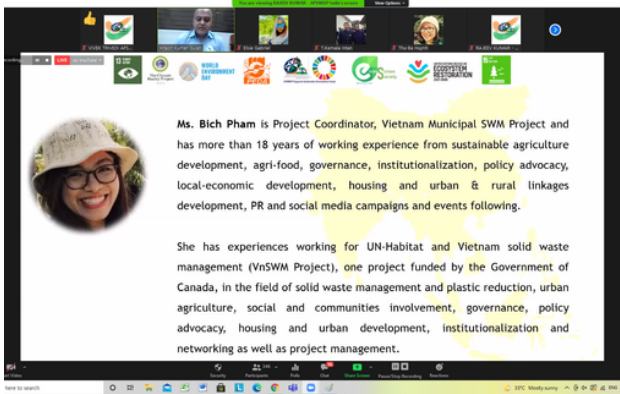
Ms. Dea Andrea Wehrli is an Environmentalist and has worked with various organizations/ institutions namely Swiss Recycling, Zurich, Switzerland, World Economic Forum, Davos, Switzerland, International Solid Waste Association, Vienna, Austria, UN Environment, Osaka, Japan, Sofies Sustainability Leaders, Mumbai, India, Zero Waste Store, Zurich, Switzerland, Empa - A Swiss Federal Laboratories for Material Science and Technology, St. Gallen, Switzerland. In March 2019, She Co-founded an association named Social Impact Startup E(co)Work that works in Switzerland as well as in India, and for which she is also the President. In April 2018, Andrea had participated in an international training on Strengthening Governance for Low-Carbon Integrated Solid Waste Management and Circular Economy at UNITAR CIFAL, Jeju, South Korea.



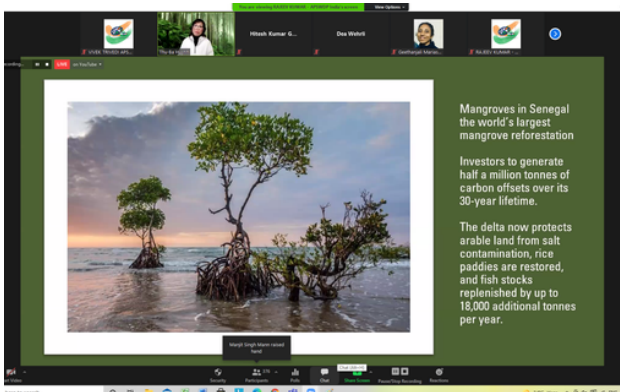
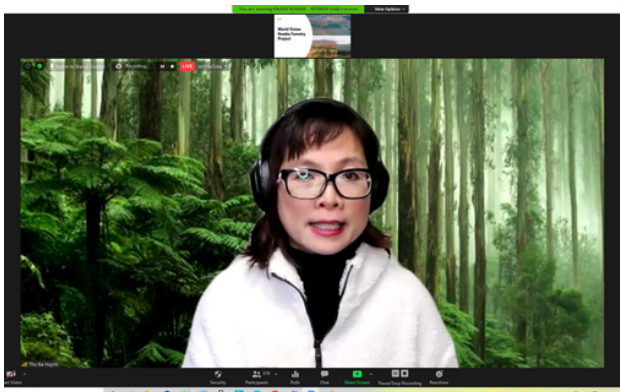
Picture Gallery



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Picture Gallery



ORGANISING TEAM - WORLD ENVIRONMENT DAY 2021



Rajeev K Choudhary



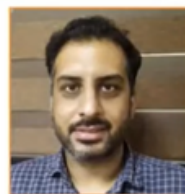
Gautam Bhardwaj



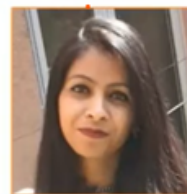
Dr. Geetika Malhotra



Vinay Kumar Verma



Rohit Kumar



Purnima Bhardwaj



Karamveer Singh



Dr. Mool Raj



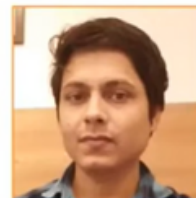
Lalit Dogra



Ashimta



Rohit Raj



Vikas Chand



Akshay

Sustainable development is the pathway to the future we want for all. It offers a framework to generate economic growth, achieve social justice, exercise environmental stewardship and strengthen governance.

Ban Ki-moon



Association of Professional Social Workers and Development Practitioners (APSWDP)

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