



We ⁴ Climate

Enabling Climate Action through
Knowledge Campaign





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Nodal Agencies of Partner States



**Environment Protection
Training & Research Institute**

We 4 Climate

Enabling Climate Action through
Knowledge Campaign

Organised by

CEE

Centre for Environment Education

Acknowledgement

This coffee table book is developed as part of the Indo-German Bilateral project "Climate Change Adaptation in Rural Areas of India (CCA-RAI) " implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH in four partner states – Himachal Pradesh, Punjab, Telangana, Tamil Nadu; wherein a programme "Enabling Climate Action through Knowledge Campaign: A Popular Lecture Series on Climate Change and Sustainable Development" was organised by Centre for Environment Education (CEE).

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- **Telangana:** Telangana Water Resources Development Corporation; College of Agriculture Palem; Modern Architects for Rural India; Acharya N. G. Ranga Agriculture University

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Foreword

Developing countries are particularly vulnerable to the impacts of climate change. Therefore, having effective adaptation strategies in place is of utmost importance. A comprehensive adaptation strategy needs to involve all stakeholders in knowledge sharing and meaningful dialogue. The United Nations Framework Convention on Climate Change (UNFCCC) identifies six priority areas under its strategy for Action for Climate Empowerment (ACE). These include public awareness, public participation and public access to information, among others.

India has always recognized the importance of raising awareness and has made it a part of its strategy for integrating environmental considerations into its development plans. In 1984, the Centre for Environment Education (CEE) was formed as a Centre of Excellence of the then newly created Ministry of Environment and Forests to play a pace-setting role in environmental education and to integrate education in the strategies to achieve various development goals.

CEE's work in climate action seeks to engage and empower different stakeholders through interactive educational methodologies. It works closely with UNFCCC for supporting and promoting ACE. It also worked closely with UNESCO during the UN Decade of Education for Sustainable Development (UN DESD) and with policy makers for the Global Action Plan (GAP) on ESD to ensure that education can play a more significant role in achieving the Sustainable Development Goals.

The We4Climate knowledge campaign executed along with GIZ and with support from the state nodal agencies aimed at stimulating the sharing of knowledge and experiences among diverse groups of stakeholders through empathy and understanding. This coffee table book presents glimpses of the campaign and some of the outcomes in the form of Handprint commitments and testimonials from the participants.

Kartikeya V. Sarabhai

Director

Centre for Environment Education (CEE)



Preface

Climate change is real and is being felt by communities across the region and we need to work together to reduce and manage risk and adapt to the changing climate. In view of this, knowledge generation and dissemination is critical for appropriate climate actions and requires engagement with wide range of stakeholders to create awareness about climate change impacts, strategies and best practices related to adaptation and mitigation actions.

India and Germany have had a rich cooperation engagement for the last 60 years which extends to sectors such as natural resource management, urban environment protection, climate change adaptation and mitigation and innovative green technologies. The Indo-German technical cooperation project on “Climate Change Adaptation in Rural Areas of India (CCA-RAI)” being implemented under the bilateral cooperation of MoEFCC and GIZ, is one such engagement that aims to integrate climate adaptation measures into the national and state development planning through capacity development, generating pilot experiences on adaptation and knowledge management.

The Knowledge Campaign on Climate Change and Sustainable Development initiated in the four partner states serves as a platform to promote dialogue and knowledge exchange and experience sharing among a wider community of stakeholders including researchers, practitioners, policymakers and the public including students. This coffee table book provides glimpses of the knowledge campaign towards fulfilling the larger objective of strengthening science-policy-practice connect.

Dr. Ashish Chaturvedi

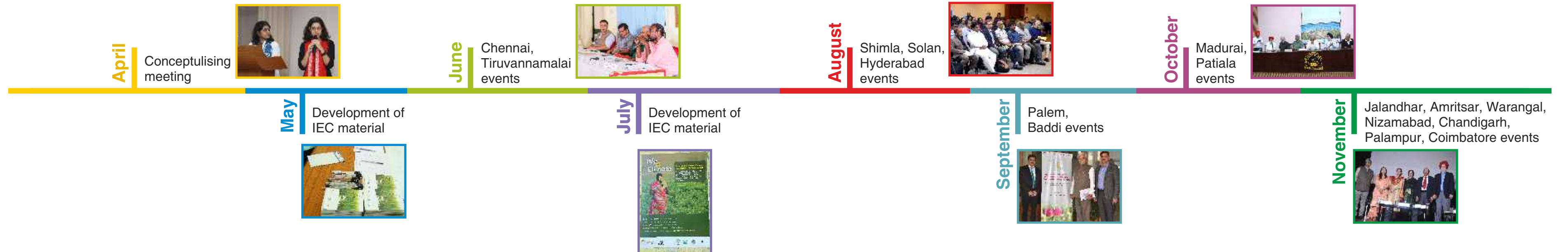
Director (Climate Change)
Deutsche Gesellschaft für Internationale
Zusammenarbeit (GIZ) GmbH

About the project

We4Climate is a joint initiative between the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH and the Centre for Environment Education (CEE) under the Indo-German bilateral project "Climate Change Adaptation in Rural Areas of India (CCA-RAI)". As part of the initiative, the programme "Enabling Climate Action through Knowledge Campaign: A Popular Lecture Series on Climate Change and Sustainable Development" was organised in four Indian states including Himachal Pradesh, Punjab, Tamil Nadu and Telangana. The objective of this campaign was to promote a dialogue for knowledge exchange and experience sharing about climate change challenges and strategies for climate action among different stakeholders.

A total of 16 lecture cum seminar events were organised in the four states and were attended by diverse groups of participants including government officials, policymakers, students, researchers, academics, NGO representatives, practitioners and many interested persons. The campaign stimulated knowledge exchange in a two-pronged manner: lecture sessions delivered by subject experts followed by interactive thematic group discussions among the wide spectrum of participants. This approach was inspired from the Talanoa Dialogue, an inclusive, participatory and transparent discussion between different stakeholders adopted during the international climate negotiations. Moreover, four informative booklets, one for each project state, briefly explaining climate change, its impacts in India and good practice examples from the project states were developed and shared with the participants, speakers and other dignitaries along with eco-friendly pens made with recycled newspapers at CEE.

This coffee table book highlights glimpses of the 16 events organised under this knowledge campaign.



Himachal Pradesh



Event partner



Department of Environment, Science & Technology
Government of Himachal Pradesh

Shimla Event

Date: 1 August 2018

Participants: 213

Keynote speaker: Ms. Sunita Narain, Director General, CSE

Working group experts:

- Mr. Anand Sharma, IMD
- Shri Ranbir Singh, Chief General Manager, NABARD
- Shri Sukh Dev Singh, State Director, NYKS

“Environment is essential for Himachal Pradesh, especially tourism, agriculture and horticulture in the state. People here are conscious of this and therefore such talks become more useful to initiate discussions on this important subject.”

Shri Tarun Kapoor
Addl. Chief Secretary (Env., Sci. & Tech.)
Government of Himachal Pradesh

“The Handprint has to see that the Footprint treads lightly on the planet.”

Sunita Narain
Director General, CSE



“The fact is that climate change is real and it is felt by people.”

Dr. Ashish Chaturvedi
Director-Climate Change, GIZ India





Solan Event

Event partners



Date: 3 August 2018

Participants: 160

Keynote speaker: Dr. H.C. Sharma, Vice Chancellor, YSP UHF

Working group experts:

- Mr. Anand Sharma, IMD
- Dr. S. K. Bharadwaj, HoD, Dept. of Env. Science, YSP UHF
- Dr. Krishan Kumar, HoD, Fruit Science, College of Horticulture, YSP UHF



“ Climate change is a global change which will affect everyone across the globe. Water is one of the important resource getting impacted by climate change. We need local, feasible solution for conserving water resource and using it more efficiently for agriculture.”

Dr. H.C. Sharma,
Vice Chancellor, YSP UHF





Dr. Madhu Chitkara, Pro Chancellor mentioned various sustainable practices that are implemented on the campus and encouraged the students to take research based innovative ideas to address climate change.



Baddi Event



“ India is taking different measures for climate change mitigation and adaptation, but there is still a lot of potential to do more, especially in the context of sustainable lifestyle. ”

R. R Rashmi, IAS
Former Special Secretary, MoEFCC,
GoI & Distinguished Fellow, TERI

Event partners



Date: 28 September 2018

Participants: 300

Chief Guest: Dr. Madhu Chitkara, Pro Chancellor, Chitkara University

Keynote speaker: R. R Rashmi, IAS, former Special Secretary, MoEFCC, GoI & Distinguished Fellow, TERI

Working group experts:

- Dr. Ajay Sharma, Dean Examination, Chitkara University
- Dr. Uma Malik, Deputy Dean, Civil Engineering Department, Chitkara University
- Ms. Monika Sharma, Climate Change Specialist, GIZ India



Palampur Event



Event partners



Date: 24 November 2018

Participants: 113

Chief Guest: Dr. Y. P. Thakur, Director, Directorate of Extension Education, Palampur University

Keynote speaker: Dr. Ranbir Singh Rana, Principal Scientist(Agronomy), CGRT, COBS

Working group experts:

- Dr. Rakesh Rana, Principal Scientist, IHBT
- Mr. Kunal Sood, GIS-MIS Expert, CSK Palampur University

“ Climate Change will impact our social life. Due to a rise in the sea level our coastal cities will be submerged and a large amount of migration will happen to the uplands, which will create an issue of social imbalance. ”

Dr. Ranbir Singh Rana
Principal Scientist (Agronomy), CGRT, COBS



“ Due to increase in the temperature, crop production is decreasing and there is a shift in the traditional farming practices in Himachal Pradesh. ”

Dr. Y. P. Thakur
Director, Directorate of Extension Education,
Palampur University



Case study

Paving the way for Gender Responsive Adaptation & Local Climate Vulnerability Capacity Assessment at Village Level

The villages like Bhagli, Jadoini, Shilly, Klimo, Palwano, and others in the Dhamun Panchayat are highly vulnerable to varying climate and changes in livelihood activities. To climate-proof the villages, the first ever fully automated Hi-Tech Green House has been piloted. Moreover, through integrated climate resilient actions and scientific management practices ecosystem services are also being strengthened.

Furthermore, the importance of gender-responsive climate adaptation is evident. Through the process of gender focused review, training and capacity building, women farmers have successfully restored their abandoned farmlands through cash-crop farming, community-based revival of traditional kuhls for irrigation, and conservation of local traditional crops. The shift in agriculture practices from traditional crops towards intensive farming of cash crop is driven by variations in climate and socio-ecological evolution in agriculture-horticulture practices. The initiative has successfully restored a few traditional crops, motivated the women to collect, store and propagate traditional crop seeds, and to mainstream adaptation in their day-to-day life.

Source: Department of Environment, Science and Technology (DEST), and GIZ-India



Case study

Model Eco Village Scheme of Himachal Pradesh

Eco-village is an emerging concept in India. To demonstrate villages as models of sustainable development, Government of Himachal Pradesh has launched Eco Village Scheme through Department of Environment, Science & Technology (DEST) in active collaboration with local communities. In the first phase five villages have been identified to be developed as eco-villages, key elements of which include environment sustainability through responsible natural resource management practices, community participation, use of modern and clean technology & practices, convergence of resources available for development to promote climate resilient and ecologically sustainable development with interventions in the areas of water management, waste management and irrigation, sustainable agriculture/ horticulture, energy conservation, spring-shed and natural resources management & climate change adaptation. The approach will not only help those stakeholders who are working to implement sustainable community development programmes but also will set benchmarks for others to adopt and bring a radical change in thinking process of the communities at large in the state, especially in inculcating environmentally responsible behaviour.

Source- Department of Environment, Science and Technology (DEST). (2017). Eco-village Scheme Guidelines. [online] Available at: https://desthp.nic.in/notifications/Eco-village_Scheme_Guidelines.pdf.



Punjab



“ Your Planet Needs You – Unite to Combat Climate Change. We4Climate provides a platform for mutli-stakeholder interaction and learning for climate action. ”

Meghana Kshirsagar
Technical Advisor-Climate Change, GIZ India



Chandigarh Event



Event partner



Date: 22 November 2018

Participants: 150

Chief Guest: Dr. Jatinder Kaur Arora, Executive Director, PSCST

Keynote speaker: Prof C. K. Varshney, Professor Emeritus

Working group experts:

- Sumit Arora, Capacity Building Expert, PMIDC
- Dr. Rahul Mahajan, Vice-president, Organic Sharing
- Dr. Manoj Sharma, Asstt Professor, PU

“ The changing pattern of climate is worrisome for the future of mankind. In Punjab especially, we need to conserve resources, minimize pollution from stubble burning and other sources, and save our water bodies including village wetlands. ”

Prof C. K. Varshney
Professor Emeritus



Go Green
Plant more, Save more, Earn more

“ If you love yourself, how can you say no to reducing your footprint? ”

Dr. Jatinder Kaur Arora
Executive Director, PSCST





Jalandhar Event



Event partners

Date: 3 November 2018

Participants: 115

Chief Guest: Dr. Lovi Raj Gupta, Executive Dean, LPU

Guest of Honour: Dr. Satnam Singh Ladhar, Additional Director (Environment), PSCST

Keynote speaker: Harjeet Singh, International Climate Policy Manager, ActionAid

Working group experts:

- Dr. Pathma, LPU
- Ms. Ramnita Sharda, Kheti Virasat Mission
- Dr. Swati Shukla, LPU

“ India is an emerging and frontier market, but most vulnerable to climate change. Impacts are complex, ranging from crop failure to mass displacement and social conflicts, hunger, illness and mortality. India has taken bold initiatives, and will need huge investments to meet its climate action commitments by 2030. ”

Harjeet Singh
International Climate Policy Manager, ActionAid



Amritsar Event



Event partners



Date: 1 November 2018

Participants: 140

Chief Guest: Dr. Narpinder Singh, Director (Research), GNDU

Guest of Honour: Dr. Satnam Singh Ladhar, Additional Director (Environment), PSCST

Keynote speaker: Raman Mehta, Policy Head, Vasudha Foundation

Working group experts:

- Prof. Saroj Arora & Dr. Kiran Dhami, GNDU
- Sh. Gursheer Singh, Kheti Virasat Mission & Prof. Amarjeet Singh Soodan, GNDU
- Prof. Renu Bhardwaj & Prof. Satwinderjit Kaur, GNDU

“ Speaking in terms of climate justice, we are not an equal society globally or within India, or even inter-generationally. Unsustainable development of the past and present is the main cause, and sustainable development thus takes an ever crucial place. ”

Raman Mehta
Policy Head, Vasudha Foundation



“ For Punjab, one of the main impacts of climate change will be food and nutrition insecurity, water insecurity, leading to declining quality of life. We will have to control our greed and make development sustainable if we want to leave a healthy planet for our future generations. ”

Dr. Narpinder Singh
Director (Research), GNDU





“ A change of mindset and a change in lifestyles is the need of the hour, with huge social, political and educational transformation ”

Prof. (Retd.)
A.D. Ahluwalia, Panjab University



“ Research methodology needs an approach which is integrated. Good quality research clubbed with effective communication to policy makers and lay-persons is necessary for research-based policy making. ”

Dr. B.S. Ghuman
Hon'ble Vice Chancellor, Punjabi University Patiala



Patiala Event



Event partners

Date: 23 October 2018

Participants: 291

Chief Guest: Prof. B.S. Ghuman, Hon'ble Vice Chancellor, Punjabi University Patiala

Guest of Honour: Dr. Satnam Singh Ladhar, Additional Director (Environment), PSCST

Keynote speaker: Prof. (Retd.) A.D. Ahluwalia, Panjab University

Working group experts:

- Dr. Manjit Singh Kang, Former Vice Chancellor, Punjab Agricultural University
- Dr. M.S. Saini, Former Dean Academic Affairs, Punjabi University
- Dr. A.S. Ahluwalia, Dept. of Botany, Panjab University


Case study

Climate Resilient Livestock Production System

Punjab ranks among the top five milk-producing states of India, with animal husbandry being the second most important economic sector for the state, after agriculture. Climate change and the projected rise in temperatures is expected to reduce livestock production. To address these challenges, the Punjab State Council for Science and Technology, Government of Punjab, is implementing a project to ensure sustainable levels of livestock production through scientific interventions, assisted reproductive technologies, water use efficiency in fodder cultivation, climate-resilient housing for cattle, disease forecasting for preventing breakout of bovine diseases. The project also encourages livestock farmers to harness co-benefits by housing stray cattle. Another measure being developed under the project is weather-linked insurance for compensating these farmers when there is a decrease in milk yield because of climate change. The project also focuses on effective gender participation with 30% of the project beneficiaries being women.



Source: Punjab State Council for Science & Technology (2015). Towards Climate Resilient Livestock Production System in Punjab. [online] Available at: <http://www.moef.gov.in/sites/default/files/Punjab.pdf>.



The projected GHG emissions reduction by this initiative is 4,04,969 tonnes CO₂/annum by 2022 .

Case study

Model Solar City Chandigarh

The Ministry of New and Renewable Energy, Government of India selected the city of Chandigarh to be developed as a Model Solar City. As per the Master Plan for the Model Solar City, the short term target for 3 years (until 2014) for Rooftop Solar photovoltaic system was 2.5 MW and the long-term target is 10 MW for 10 years (until 2022).

The Model Solar City of Chandigarh was launched in July 2013 with the inauguration of two Roof top Grid Interactive SPV Plants at Paryavaran Bhawan in sector 19-B (50 kWp) and at Model Jail, Burrail (100 kWp). By the end of 2016, around 5.2 MWp Roof top SPV Plant had been commissioned on more than 99 government buildings in Chandigarh, ranking the city third in the country in Rooftop Solar Plant installation. Another plant with the capacity of 1000 kWp has been commissioned at the Punjab Engineering College.

Source- ENVIS Centre of Chandigarh's State of Environment. (2016). Chandigarh A Model Solar City. [online] Available at: <http://chenvis.nic.in/index3.aspx?sslid=1341&subsublinkid=357&langid=1&mid=1>.

Tamil Nadu





“ Such outreach can effectively communicate climate change impact and need for appropriate actions at local, state and national level. ”

Kirtiman Awasthi
Senior Policy Advisor, GIZ India

Chennai Event



Date: 26 June 2018

Participants: 129

Keynote speaker: Dr. V. Selvam, Executive Director, MSSRF

Working group experts:

- Dr. K Palanivelu, Director, Centre for Climate Change and Adaptation Research, Anna University
- Mr. Jagannathan R, Founder, Nalla Keerai
- Dr. Nammalwar. P, Former Principal Scientist, CMFRI-ICAR, GoI



“ We need to enhance the adaptive capacities of our coastal communities to sea level rise. ”

Dr. Selvam
Executive Director, MSSRF



“ The STOP movement stands for avoiding consumption of white **Sugar** which is highly water intensive, promoting the use of **Turmeric** which has several benefits, reducing the cultivation of oil-seeds and promoting **Oil** produced from legumes instead, and increasing the production of **Pulses** for improving soil quality and addressing food security in the country. ”

Mr. Jaganathan. R
Founder, Nalla Keerai



Tiruvannamalai Event



Date: 28 June 2018

Participants: 150+

Keynote speaker: Mr. Adhinarayanan R, Program Leader, Climate Change Adaptation Programme, DHAN Foundation

Working group experts:

- Mr. V Sreeram, DDM Tiruvannamalai, NABARD
- Dr. Ramesh Raja, Prof. & Head Scientist, Krishi Vigyan Kendra
- Dr. Rajendran, Dean, TNAU Vazhvachanur

“ To increase sustainable farming and reduce climate vulnerability, we should promote organic farming of native breeds of crop and farmer producer cooperatives. ”

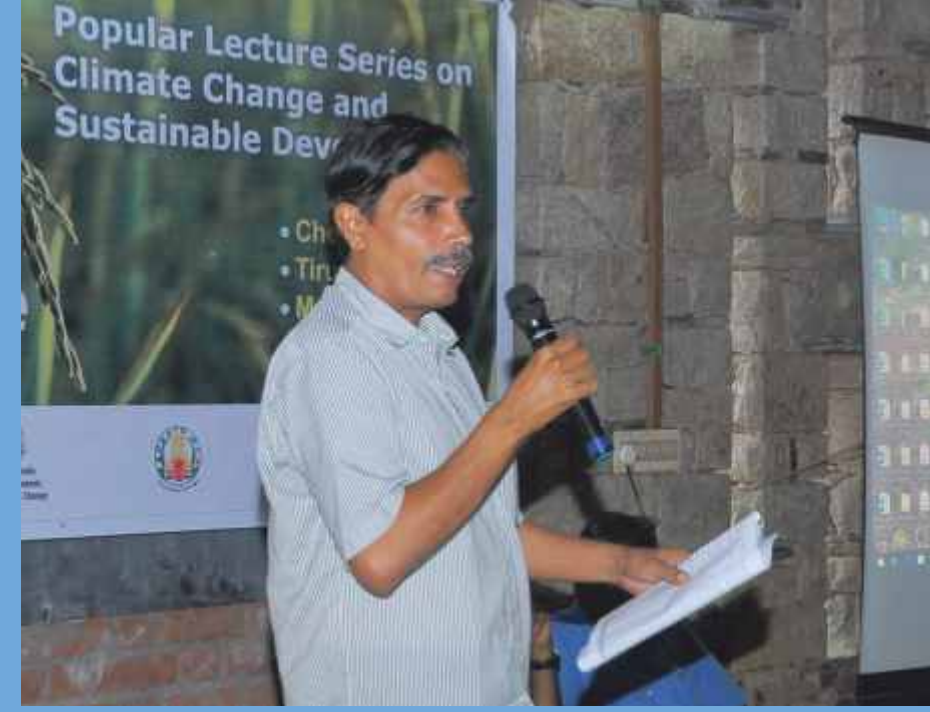
Local farmer



Event partners



Madurai Event



Date: 16 October 2018

Participants: 114

Keynote speaker: Dr. T. Velrajan, HoD, Civil Engineering, Thiyagarajar College of Engineering

Working group experts:

- Prof. Edwin Rajkumar, Dept. of Sociology, CSI College of Nursing, Pasumalai
- Dr. B Kumaravadivel, Joint Director of Agriculture
- Mr. R Adhinarayanan, DHAN Foundation



“ Sustainable practices in our personal daily lives can directly contribute towards mitigating climate change globally. ”

Dr. T. Velrajan
HoD, Civil Engineering,
Thiyagarajar College of Engineering



“ Providing adequate support in terms of cash or in-kind for individuals who pioneer in mitigating climate change will motivate more people to join this campaign. ”

Youth participant



Coimbatore Event



“ Initiating a dialogue through popular lecture series on climate change is a good move to begin with addressing the issues of climate change. ”

Dr. N. Varadharaju
Dean (Engg), TNAU

Event partners



Date: 28 November 2018

Participants: 171

Chief Guest: Dr. N. Kumar, Vice Chancellor, TNAU

Keynote speaker: Dr. N. Varadharaju

Dean (Engg), TNAU

Working group experts:

- Dr. J. Venkita Pirabu, Professor and Head, Dept. of Training Division, Directorate of Extension Education, TNAU
- Dr. S. Kamaraj, Director, NERD Society
- Dr. P. Subramanian, Professor (Bio Energy), Agricultural Engineering College and Research Institute, TNAU



Case study

Integrated Mangrove Fishery Farming Systems

The Integrated Mangrove Fishery Farming System (IMFFS) converts saline wasteland into productive land by planting mangroves and farming commercially significant brackish-water fish. The project involves reclamation of abandoned coastal land and building of infrastructure like ponds with farm bund and embankment for plantation of mangroves. Mangrove not only acts as bio-shield from storms and cyclones but also acts as nutrient for fishes. The IMFFS provides protection against cyclones and storm surges, increases land productivity and creates alternative livelihood for coastal community through fish farming.

The project was implemented by M S Swaminathan Research Foundation (MSSRF), which has regenerated 250 ha of mangroves and provides opportunity to a family to earn between Rs. 15,000 to 30,000 from their ponds within four months of construction.

Telangana





“ Science is clear about climate change, now is the time to take action at local level. ”

Dr Ashish Chaturvedi
Director-Climate Change, GIZ India

Hyderabad Event



“ It is time to change every individual's behaviours, lifestyle choices and actions in order to combat climate change. ”

Dr. S.K. Joshi, IAS
Hon'ble Chief -Secretary, Government of Telangana

Event partners



**Environment Protection
Training & Research Institute**



Date: 20 August 2018

Participants: 166

Chief Guest: Dr. S. K. Joshi, IAS, Hon'ble Chief - Secretary, Govt. of Telangana

Keynote speaker: Dr. Ajay Mathur, Director General, TERI

Special Address: Mr. Prakash Rao, Director and Chairman, TWRDC

Working group experts:

- Dr. G.V. Ramnajeeyulu, Director, CSA
- Dr. J. Sesha Srinivas, Sr. Scientist, EPTRI
- Mr. Ramisetty Murali, Founder and Chief Functionary, MARI and Regional Convenor, FANSA
- Mr. Sriram Kuchimanchi, Founder and CEO, Smarter Dharma



“ Sustainable production and sustainable consumption can save us from future disasters.”

Dr. G. V. Ramjaneeyulu
Director, CSA



“ We are experiencing climate change. We cannot pretend as if nothing is happening.”

Dr. Ajay Mathur
Director General, TERI





Palem Event

Event partners



Date: 11 September 2018

Participants: 141

Keynote speaker: Dr. M. Sudarshan Reddy, former Dean, ANGRAU (Palem)

Working group experts:

- Dr. J. Sesa Srinivas, Sr. Scientist, EPTRI
- Dr. M. Venkata Ramana, Associate Director Research, Regional Agricultural Research Station
- Dr. M. Jagan Mohan Reddy, Director, KVK
- Mr. Vivek Bhoomireddy, Telangana Today Journalist and Young Media Fellowship CMS



“ There is no culture if there is no Agriculture. ”

Dr. M. Sudarshan Reddy
Former Dean ANGRAU (Palem)

Warangal Event



Date: 13 November 2018
Participants: 120
Chief Guest: Shri. V. Prakash Rao, Director and Chairman, TWRDC
Keynote speaker: Dr. L. Jalapathi Rao, former Registrar, ANGRAU
Working group experts:

- Dr. Ramesh, Scientist, Climate Change Department, EPTRI
- Dr. Hanumanth Rao, Rtd. Scientist CRIDA & Coordinator MARI
- Mr. Harsha Yadhav, Co-Founder, Zolt Energy

“Killing the soil with pesticides and fertilizers is nothing but killing the biological mother. Let us go organic.”

Shri. V. Prakash Rao
Director and Chairman, TWRDC



Nizamabad Event



“ Changing food choices in kitchen will change food production in the field. ”

Dr. L. Jalapathi Rao
Former Registrar, ANGRAU



Date: 14 November 2018

Participants: 128

Keynote speaker: Dr. L. Jalapathi Rao, former Registrar, ANGRAU

Working group experts:

- Dr. Ramesh, Scientist, Climate Change Department, EPTRI
- Dr. Hanumanth Rao, Rtd. Scientist CRIDA & Coordinator MARI
- Mr. N. S. Prasad, Climate Change Communicator



Case study

Resilient Agricultural Households through Adaptation to Climate Change in Mahabubnagar district

The newly developed state of Telangana is in a semi-arid zone and has a predominantly hot and dry climate which gets further aggravated due to the changing climate. This project, sanctioned under the National Adaptation Fund for Climate Change, aims to enhance the livelihoods of the farming community in certain villages of Mahabubnagar district by implementing suitable, science-based, climate-resilient agricultural interventions. The project proposes to promote sustainable agriculture practices in the region through the adoption of activities such as soil and water conservation, water conservation through efficient and assured irrigation practices, developing climate-resilient cropping patterns, developing forecasting models and disseminating knowledge experience to the wider population. The project is expected to benefit more than 2000 farming households of the district, particularly small and marginal farmers, of which 30-50% of the beneficiaries will be women.



Source- weADAPT. (2017). Resilient Agricultural Households through Adaptation to Climate Change in Mahabubnagar district, Telangana. [online] Available at: <https://www.weadapt.org/placemarks/maps/view/24931>.

Media Coverage





HAND PRINT
Action Towards
Sustainability

Handprint

Handprint is a measure of an individual's actions which support measurable change of behaviour towards environment and sustainable development. Everyday actions of individuals add up and have a global influence, both positive and negative. Positive actions impact on the three aspects of sustainability— environment, society, and economy, and improve the conditions for life on our planet today and in the future.

Handprint helps in analysing personal sustainable action and to reach out to others around us. It asks which daily behaviours we follow for ourselves, in our family and household, with our neighbours and the surrounding community. Also, it looks at our lifestyle choices in our home, school, university and working space; in our village, town or city; and helps to take stock of how we impact our home planet, for better or for worse.

Under this knowledge campaign, we collected Handprint commitments from the participants, speakers and invited dignitaries, with the idea to 'Reduce Footprint and Increase Handprint'.



WORKING ON OUR OWN LEVEL & BRINGING A CHANGE:- WE CAN MAKE EARTH A HEAVEN

'We are the future.'
Hopefully we'll have a 'future' — (THSS)
"Climate change is Real - Not an Hoax" — ~~OM~~

SUSTAINABLE THINKING BEGINS FROM HOME! IT IS HIGH TIME WE NEED TO ALTER OUR BEHAVIOUR AND IRRATIONAL LIVING FOR A BETTER FUTURE!
— Shruya

Join Our hands to keep our Earth safe and secure. Plant trees and love them.
— Harshita Gama Singh

Being more accountable, save H₂O, electricity and reduce my carbon footprint
— Anjali

I PLEDGE TO SPREAD THE MESSAGE - TO AS MANY OTHERS AND AS MANY TIMES AS POSSIBLE ... AND NEVER TURN A BUNDEYE

I will plant more
I will not use plastic which cannot be recycled
I will segregate waste

PREVENT MISUSE OF EVERY NATURAL RESOURCE AND TAKE THE FIRST STEP BY INITIATING IT YOURSELF, FROM YOUR HOME.
— Anika

Save trees Save life'
— Tanvi Thakur VIT

I will stop wasting water by doing Rain-water Harvesting & by saving water during commercial purposes.
— Anurag

WW
I will be planting on my Birthday

V. PRAKASH, Chairman
— V. Prakash

THE HANDPRINT HAS TO SEE THAT THE FOOTPRINT TREADS LIGHTLY ON THE PLANET
— Sunita Nairin
— D. h...

We have to practice Natural way of living and utilise more of Natural elements for our sustenance.

I have decided to not use my 2 wheelers for short distance and try and use public transport as much as possible.



HAND PRINT
Action Towards Sustainability

ONENESS OF MAN AND ENVIRONMENT IS THE KEY

'GO ORGANIC'
I'll work on organic production in future.
18/11/18

I strongly suggest living sustainably to everyone coz rather than going to another mars and destroying it too its better to try and save the planet that is so near and dear to us!!

Be the CHANGE
One person
One House
One Village
at a time :)

ప్రకృతి బహిష్కరణ ప్రతిఘటన
సామాజిక ప్రతిఘటన
ప్రకృతి ప్రాధాన్యత
ప్రకృతి ప్రాధాన్యత
ప్రకృతి ప్రాధాన్యత

SAVE ENERGY
Follow what is asked here...

SAVE NATURE
WILL SAVE
US
on 3-1-2018

Recycle my kitchen waste to produce compost.
Grow more vegetables in my kitchen garden.
Encourage my students to plant trees on special occasions.

Reduce Paper consumption & create Awareness on Environment Sustainability

The best way to know what lies in the future is to design it ourselves.
By living more sustainably today, we can ensure a healthy and sustainable future !!



To mitigate the global warming & climate change I shall be utilizing public transport system.

Action speaks more than words. So, each & every protective action should be implemented correctly.

I pledge to reduce my carbon footprint by using 5* rated energy efficient appliances.

వారి వద్ద నుండి కొన్ని అంశాలు
మన సంస్థకు తెలియజేసి
కొన్ని అంశాలు మనకు తెలియ
నట్లయితే వారికి తెలియజేసి
(ఇంజనీరుల ద్వారా)

I will try & live more sustainably by
- refusing plastics in day to day life,
- will try & recycle waste, and also encourage my friends & family to do so as well.
- Will reduce my water consumption & wastage of water....

I WILL GO BACK TO MY COMPANY AND INTRODUCE THE IDEA OF PLANTING TREE SAPLINGS ON BIRTHDAY OF EVERY EMPLOYEE

ప్రకృతి ప్రాధాన్యత. ఒక ప్రకృతి ప్రాధాన్యత ప్రకృతి ప్రాధాన్యత ప్రకృతి ప్రాధాన్యత ప్రకృతి ప్రాధాన్యత

Testimonials

This lecture series should be conducted in all Indian states. Groups of students (Youth) should be made. They should voluntarily involved in various campaigns and awareness programmes of GIZ. People should be aware at local level also.

I firmly believe that there should be more workshops and talks regarding the issue of climate change and environment disturbance in our country to reduce these changes. I am influenced by the talks delivered in the workshops and conferences and personally try to check upon the factors affecting climate change.
Thank You

I think it is our social responsibility towards nature. Nature is serving us for years so if we want our nature to be here for us, we should save it. What goes around, come around! So we should fulfil our duties towards climate, only then our future generations will get healthy climate.

It was an excellent event, motivational event for our generation. We assure that we will definitely work upon it.

It was an amazing and a very enlightening experience. I was motivated and moved by the lectures given by Ms. Naxain and Mr. Karthikya. It gives me a sense of responsibility to look after our surroundings and be a change.
Thank You

I really appreciate the idea of ecofriendly pens given by CEE. Would love to learn about making these pens.

I found it very fruitful, interesting to attend the workshop. This awareness campaign makes people aware about what the reality is. And, what measures we need to take.

We 4 climate!

It all starts with us, first of all we have to change our behaviour before changing any body's behaviour.

According to my point of view, these type of lecture series should be organized each & every year for creating awareness among future generation which is so important.

It is us, the youth, who can help to change our wrong practices & can also make others to do it. So, we should start using Green lifestyle not only in papers but by also implementing it. As a small change in every one's habit can help in improving our environment.

It was a very good step and I am hoping of attending more of this type of interactive workshops & program.
God bless.

We have not to do so much new against fighting the climate change as our culture always taught us of protecting the mother earth, taking only which is enough for us and not wasting it. Thus by recalling our forefathers and knowledge given by Vedas and culture. Will be the most by us against the climate change. "Going back to save future"

Abbreviation

ANGRAU: Acharya N. G. Ranga Agriculture University

CGRT: Centre for Geoinformatics Research and Training

COBS: College of Basic Sciences, Palampur

CSA: Centre for Agriculture Studies

CSE: Centre for Science and Environment

CSK HPKV: Chaudhary Sarwan Kumar Himachal Pradesh Krishi Vishvavidyalaya

DEST: Department of Science and Technology

EPTRI: Environment Protection Training and Research Institute

FANSA: Freshwater Action Network South Asia

Gol: Government of India

GNDU: Guru Nanak Dev University

HoD: Head of Department

ICAR- CMFRI: Indian Council of Agricultural Research -Central Marine Fisheries Research Institute

IHBT: Institute of Himalayan Bioresource Technology

IMD: Indian Meteorological Department

LPU: Lovely Professional University

MARI: Modern Architects for Rural India

MoEFCC: Ministry of Environment, Forest and Climate Change

MSSRF: M. S. Swaminathan Research Foundation

NABARD: National Bank for Agriculture and Rural Development

NERD: Non-conventional Energy and Rural Development

NYKS: Nehru Yuva Kendra Sangathan

PSCST: Punjab State Council for Science and Technology

PMIDC: Punjab Municipal Infrastructure Development Company

PU : Punjab University

TERI: The Energy and Resources Institute

TNAU: Tamil Nadu Agricultural University

TWRDC: Telangana Water Resources Development Corporation

YSP UHF: Dr. Yashwant Singh Parmar University of Horticulture and Forestry

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NP Himachal Pradesh 24. 2011. Neil Palmer (CIAT). CC BY-SA 2.0. Flickr.

Nako Village, Himachal Pradesh. 2007. Michael Scalet. CC BY-SA 2.0. Wikimedia Commons.

Rice fields Punjab village farm. 2014. Jaspinder Singh Duhewala. CC BY-SA 4.0. Wikimedia Commons.

Climate Smart Villages- Karnal. 2014. Prashanth Vishwanathan for Climate Change, Agriculture and Food Security (CCAFS). CC BY-NC-SA 2.0. Flickr.

Climate Change Department, Government of Gujarat. Permission sought.

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Intercropping coconut and Tagetes erecta. 2012. Ezhuttukari. CC BY-SA 3.0. Wikimedia Commons.

Farmer in Andhra Pradesh. 2008. Serge Birtel. Permission sought.



Participation Details

Name	Age	Gender



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GIZ
 German Technical Cooperation
 Ministry of Education and Higher Education
 National Center for Environmental Education

Center for Environmental Education
CEE
 National Center for Environmental Education



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climate

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We 4 climate



Center for Environmental Education

November 2018

Ministry of Education and Higher Education

Participation Details

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