

## AGENDA

# **FINAL CONFERENCE OF THE ADAPTNET PROJECT**

“Strengthening Research, Education and Innovation for Climate Smart Crops in Southeast Asia (AdaptNET)” from 13-15 June, 2022, The Fern Kadamba Hotel, Old Goa

**13 JUNE 2022: INAUGURATION SESSION (09.30 AM – 10.30AM)**

<b>Welcome</b>	<b>Dr. Bidyut Kumar Sarmah</b> Indian Coordinator, AdaptNET Project Director-DBT North East Centre for Agricultural Biotechnology ICAR National Prof (Borlaug Chair): 2016-2021 Assam Agricultural University, Jorhat
<b>Briefing about Project</b>	<b>Dr. Andreas Voloudakis</b> AdaptNET Coordinator, Agricultural University of Athens, Greece
<b>Inauguration and Inaugural Address</b>	<b>Dr. M. B. Chetti</b> Hon’ble Vice Chancellor UAS Dharwad, Karnataka, India
<b>Guest of Honor</b>	<b>Dr. Shalander Kumar</b> Deputy Global Research Program Director - Enabling Systems Transformation, ICRISAT, Hyderabad, India
<b>Vote of Thanks</b>	<b>Dr. I. S. Katageri</b> Director of Extension and PI AdaptNET Project, University of Agricultural Sciences, Dharwad, India

## TECHNICAL SESSION

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
10.30 AM	<b>Tea Break</b>	
	<b>Invited talks</b>	
10.45 AM	Research Strategies on Climate-Smart Agriculture for Coastal Area	Dr. Parveen Kumar, Director, ICAR- Central Coastal Agricultural Research Institute, Goa, India

11.30 AM	Climate Change Impact on Agriculture	Dr. A.V.M Subbarao, Principal Scientist (Agrometeorology), Central Research Institute for Dryland Agriculture, Santoshnagar, Hyderabad, India
12.15 PM	Necessity of Modifications in the existing Curricula to Address the Climate- Smart Agriculture	Dr. M. K. Modi, Professor and Head, Dept. of Agricultural Biotechnology, Assam Agricultural University, Jorhat, Assam, India
1.00 PM	High Throughput Phenomics Enabled by Recent Technology Development	Dr. Sunita Choudhary, ICRISAT, India
1.45 PM	<b>Lunch Break</b>	
2.30 PM	Genomic Tools for Improvement of Nutritional Aspects: The Case of Legumes	Giovanna Lanzavecchia, UNIVPM, Italy
3.15 PM	Selection and Adaptive Introgression Guided the Complex Evolutionary History of European Common Bean	Gaia Cortinovis, UNIVPM, Italy
4.00 PM	Bio-electrocycling of Carbon Dioxide into Valuable Products	Arianna Carrara, UMIL, Italy
4.45 PM	Assessment of Climate Change Impacts on Yields and Productivity of Wheat, Maize and Cotton Considering Soil Resources in Thessaly, Central Greece	Dr. Dimitrios Voloudakis, Academy of Athens, Greece
7.30 PM onwards	<b>Dinner</b>	

**14 JUNE 2022:**

**TECHNICAL SECTION (CONT...)**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
9.30 AM	Genome Editing for Crop Improvement	Dr. Sumita Acharjee, Assam Agricultural University, Assam, India
10.15 AM	Programming Plants for Climate Resilience through Symbiogenics.	Dr. Rusty Rodriguez, Adaptive Symbiotic Technologies, USA
11.00 AM	<b>Tea Break</b>	
11.30 PM	Progress of the AdaptNET Project from UAS Dharwad	Dr. I. S. Katageri, PI, UAS, Dharwad
12.15 PM	Progress of the AdaptNET Project from AAU, Jorhat	Dr. Bidyut Kumar Sarmah, PI, AAU, Assam
1.00 PM	<b>Lunch Break</b>	
2.00 PM	Progress of the AdaptNET Project: Tezpur University, Assam	Dr. Debendra Chandra Baruah, PI, Tezpur University, Assam

2.45 PM	Progress of the AdaptNET Project: ICRISAT	Dr. Nilesh Mishra, PI, ICRISAT, Hyderabad
3.30 PM	Soil and Water conservation under changing climate situation	Dr. P. L. Patil Director of Research University of Agricultural Sciences, Dharwad, India
4.00 PM	Visit to ICAR- Central Coastal Agricultural Research Institute, Goa, India	
7.30 PM onwards	<b>Dinner</b>	

### 15 JUNE 2022:

**Review New Project Proposals:** Presentation by beneficiary teachers before the Panel of expert members.

### DETAILS OF PRESENTATIONS

#### ICRISAT, Hyderabad

Sl. No.	Time	Title of Concept Note	Speaker
1	9.00AM	Finger millet- Remodelling to Address Ca Deficiency related Diseases	Dr. Hima Bindu Kudapa
2	9.20AM	Center of Excellence in Climate Smart Predictive Agriculture (CoECSPA)	Dr. Manish Pandey

#### Tezpur University, Tezpur

Sl. No	Time	Title of Concept Note	Speaker
1	9.40 AM	Biochar from Agricultural Wastes for Use as Soil Amendment	Dr. Nirmali Gogoi
2	10.00AM	ANN-Based Smart Flood Surveillance System under Climate Change Scenarios in NE India	Dr. Ratul Baruah
3	10.20AM	Dew Harvesting-Prospect and Challenges under Climate Change Scenarios in NE India	Dr. Shailen Deka
4	10.40AM	AI and IoT as Tools for Crop Production under Climate Change Mitigation	Dr. Shobhanjana Kalita
5	11.00AM	Prospect of IoT for Management of Biogas System-Sharing Experience of AdaptNET E-lab at TU	Ms. Trinakshee Sarmah
	<b>11.20</b>	<b>Tea Break</b>	

#### Assam Agricultural University, Jorhat

Sl. NO	Time	Title of Concept Note	Speaker
1	11.40AM	Genomic Dissection of Drought Tolerance in Lentil ( <i>Lens culinaris Medikus</i> ) and Screening for Drought Tolerant Genotypes for Diverse Agro-Ecosystems in Assam	Ms. Priyadarshini Bhorali

2	12.00PM	Model Climate-Smart Farm to Demonstrate Precision Agriculture Technologies for Societal Upliftment of Majuli	Ms. Moloya Gohain
3	12.20PM	Moringa Farming -A Unique Climate Resilient Business Proposition for Food Security vis-a-vis Entrepreneurship Development.	Ms. Naseema Rehman
4	12.40PM	Student Presentation	Ms. Rachita Saikia
	12.45PM	<b>Lunch</b>	

### UAS, Dharwad

Sl. No	Time	Title of Concept Note	Speaker
1	1.40PM	Smart Farming Solutions for Sustainable Agriculture	Dr. Arati Yadawad
2	2.00PM	Inter disciplinary Life Science Programme for Advance Research and Education - <b>Research</b>	Dr. Spurthi Nayak Dr. Basavaraj Bagewadi Dr. I. S. Katageri
3	2.20PM	Inter disciplinary Life Science Programme for Advance Research and Education - <b>Education</b>	Dr. Basavaraj Bagewadi Dr. Spurthi Nayak Dr. I. S. Katageri
4	2.40PM	Physiological Interventions and Resilience of Agroforestry System to Changing Climate in Hilly and Northern Transition Zone of Karnataka, India	Dr. Kiran, B. O. Dr. S. S. Inamati Dr. Jagadeesh, M. R.
5	3.00PM	Breeding for Climate Resilient High Yielding Chickpea Genotypes for Northern Karnataka	Dr. M. D. Patil
	3.20PM	Discussion	
	4.00PM	Visit to Historical Places in Goa	
	7.30 onwards	<b>Dinner</b>	

**Panel Members for Evaluation of Project Proposal**

<b>SL. No</b>	<b>Name</b>	<b>Designation</b>	<b>Institution</b>	<b>Email.ID</b>
1	Dr. Andreas Voloudakis	AdaptNET Coordinator	Agricultural University of Athens, Athens, Greece	<a href="mailto:avoloud@aua.gr">avoloud@aua.gr</a>
2	Dr. Carlo Pozzi	Professor	University of Milan	<a href="mailto:carlo.pozzi@unimi.it">carlo.pozzi@unimi.it</a>
3	Dr. Shalander Kumar	Deputy Global Research Program and Director-Enabling Systems Transformation	ICRISAT, Hyderabad, India	<a href="mailto:k.shalander@cgiar.org">k.shalander@cgiar.org</a>
4	Dr. AVM Subbarao,	Principal Scientist (Agrometeorology)	CRIDA, Santosh Nagar Hyderabad 500059, India	<a href="mailto:Avm.subbarao@yahoo.com">Avm.subbarao@yahoo.com</a>
5	Dr. K. A. Gopinath	Principal Scientist (Agronomy)	CRIDA, Santosh Nagar Hyderabad 500059, India	<a href="mailto:ka.gopinath@icar.gov.in">ka.gopinath@icar.gov.in</a>
7	Dr. B. D. Biradar	Dean (Agri.)	Dept. of Genetics and Plant Breeding, UAS, Dharwad, Karnataka	<a href="mailto:biradarbd@uasd.in">biradarbd@uasd.in</a>
8	Dr. Narayan. B. Moger	Professor and Head	Dept. of Biotechnology, UAS, Dharwad, Karnataka	<a href="mailto:narayanmoger1313@gmail.com">narayanmoger1313@gmail.com</a>