

National Conference
on
Climate Change Adaptation in Agriculture
for Sustainable Livelihoods

22 - 23rd November, 2019



Organized by
Centre for Natural Resource Management
National Institute of Rural Development and Panchayati Raj,
(Ministry of Rural Development, Govt. of India)
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CONTEXT

Climate change impacts on agriculture are being witnessed all over the world, but countries like India are more vulnerable in view of the huge population dependent on agriculture, excessive pressure on natural resources and poor coping mechanisms. In India agricultural sector is more vulnerable with a majority of sown area being rain-fed, without access to irrigation. The warming trend over the past 100 years has also indicated an increase of 0.6°C. The projected impacts are likely to further aggravate yield fluctuations of many crops impacting food security. An increase in frequency of extreme events such as floods, droughts, etc. is another manifestation of changing climate. There are already evidences of negative impacts on yield of wheat and paddy in parts of India due to increased temperature, water stress and reduction in number of rainy days. Enhancing agricultural productivity, therefore, is critical for ensuring food and nutritional security for all, particularly the resource poor small and marginal farmers who would be affected most. In the absence of planned adaptation, the consequences of long-term climate change could be severe on the livelihood security of the poor. Adapting climate resilient farming practices, inventions of climate smart technology, provision of weather-based crop insurances and convergence opportunities to leverage not only funds but also technical know-how are of prime importance to secure the livelihoods of marginal people in India.

The Sustainable Livelihoods and Adaptations to Climate Change (SLACC) project is implemented by National Rural Livelihood Mission of Ministry of Rural Development, GoI addressing the large scale proof-of-concept in integrating community based climate change adaptation planning. The program is funded by Global Environment Facility and supported by World Bank. The activities are implemented in Madhya Pradesh and Bihar states covering 683 villages. The program also aim to improve the farm based livelihoods affected by climate change by helping the community chosen and tested interventions. The NIRDPR is the Lead Technical Support Agency for the SLACC project.

To discuss and enrich the learning of the SLACC project, NIRDPR announces a National level Conference on “Climate Change Adaptations in Agriculture for Sustainable Livelihoods”, to be held from 22nd - 23rd November 2019 at NIRDPR, Hyderabad, India. It is a platform for eminent researchers, scientists, practitioners and all interested scholars to discuss and share current practices, implementations, policies about climate change adaptation in Indian agriculture. The conference will focus on addressing the challenges and providing solutions for Climate Change Adaptation in Agriculture for small & marginal farmers in India. The conference will feature speakers representing both academia and Non-government organizations, who are experts in implementing agriculture projects under the present climate change scenario. Thus, the conference unites diverse researches and case studies from all over the country. It also offers networking and publishing opportunities. We welcome case studies, success stories, review papers, working papers, which are unique, unpublished and fulfills the themes of the conference. There will be main conference tracks underpinned by sessions around the following themes, which are ideal in this context, but not limited to:

CONFERENCE THEMES

Theme 1: Climate Resilient Agriculture and Ecological Practices for Sustainable Food Production and Livelihoods

- Climate Variability and Climate Change
- Global Warming—Challenges, Opportunities and Future Directions
- Climate Resilient Agriculture: Impacts, Adaptation and Mitigation
- Sustainable Livelihoods under Climate Change

- Enabling Small holders Coping with Climate Change
- Climate Change Impacts on Food Security
- Conservation of Natural Resources for Sustainable Development

Theme 2: Technology Interventions for Climate Risks Management in Agriculture

- Weather based Agro Advisory for Risk Management
- Crop Simulation Modelling and Remote Sensing Applications in Climate Change
- Climate Adaptive Innovative Technologies for Sustainable Crop Production
- Climate Resilient and Low-emission Practices and Technologies
- Information & Communication Management in Climate Smart Agriculture

Theme 3: Assurance of Insurance, Against Losses in Agriculture Produces due to Climate Change

- Agriculture Insurance Policy in India
- Insurance Policy for Sustainable Development of Agriculture
- Weather Based Crop Insurance- Risk Management under Climate Change
- Farmers Perspective in Crop Insurance
- Technological Innovation in Agriculture Insurance

Theme 4: Climate Resilient Agriculture Development through Convergence

- Flagship Programmes- Integration and Convergence
- Scope of Convergence for Sustainable Development
- Climate Smart Agriculture through Convergence

IMPORTANT DATES

Abstract Submission Deadline	- 30th August, 2019
Abstract Acceptance Notification	- 15th September, 2019
Deadline for Full Paper Submission	- 15th October, 2019
Conference Dates	- 22 - 23rd November, 2019

REGISTRATION FEES

There is no registration fee for participants / paper contributors. However, it may be noted that in view of the limited accommodation, the centre may accept a maximum of 50 participants with thematically relevant papers on first cum first serve basis.

REGISTRATION & ABSTRACT SUBMISSION FORM

<https://forms.gle/8oeuFuy3YGTMcxQr7>

PUBLICATION

Selected papers will be published in the edited book with ISBN number.

LOGISTICS & ACCOMODATION

The contributors of the papers will be provided free board and lodging in NIRDPR guest house. Selected paper contributors will be considered for reimbursement of TA bills on the production of tickets (Max. up-to 2 AC by Train) as per NIRDPR norms.

CONFERENCE VENUE : NIRDPR - Centre for Natural Resource Management

The National Institute of Rural Development & Panchayati Raj is an apex organization under the Ministry of Rural Development, Government of India for training, research and consultancy in Rural Development. It is located in Rajendranagar, about 15 Km, away from the historical city of Hyderabad in Telangana State, well connected by air, road and train. NIRDPR is the think tank of GoI on issues pertaining to Rural Development. Institute serves as a forum for discussion and debate on issues of common concerns, attracts academics and developmental practitioners from all over the country and abroad. Institute has a wide range of expertise and an excellent infrastructure to train senior officers and executives in policy formulation, management and implementation of rural development programmes.

PATRONS

Dr. W. R. Reddy, IAS, Director General, NIRDPR, Hyderabad

Smt. Radhika Rastogi, IAS, Dy. Director General, NIRDPR, Hyderabad

Dr. Franklin Laltinkhuma, IAS, Registrar & Director (Admin), NIRDPR, Hyderabad

Shri. Shashi Bhushan, ICAS, Director (FM) & FA, NIRDPR, Hyderabad

CONFERENCE COORDINATORS

Dr. Ravindra S. Gavali, Professor & Head

Dr. K. Krishna Reddy, Associate Professor

Dr. V. Suresh Babu, Associate Professor

ABSTRACT/PAPER COMMITTEE

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Mr. Vikas Waghmare (81497 33938)

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