APPLICATION FORM FOR SHORT TERM TRAINING COURSE ON ADAPTATION AND MITIGATION OPTIONS FOR CLIMATE RESILIENT AGRICULTURE

(21-30 April, 2015)

Name of the candidate (in block letters).....

Designation..... Age (yrs.).....

Sex (Male/Female).....

Mailing address (with PIN Code).....

Tel. No. (with STD code)

office.....

Residence.....

Mobile.....

E. mail.....

Fax.....

Educational qualification.....

Professional Experience:..... yrs.

Nature of present job.....

.....

Signature of the applicant with date

HOW TO APPLY

The application form in the prescribed format, complete in all aspect and duly signed by the sponsoring authority, should be sent to Dr. D.J. Rajkhowa, Course Director, Division of NRM, ICAR RC for NEH Region, Umiam 793103, Meghalaya via registered mail/ courier/ email so as to reach him latest by April 10, 2015. The Email ID and phone number of the applicant must be mentioned for further correspondence.

IMPORTANT DATES

Last date for receipt of application: **April 10, 2015**
Communication of the acceptance of the candidature: **April 13, 2015**
Commencement of the training course: **April 21, 2015**

FOR FURTHER DETAILS PLEASE CONTACT:

Dr. D.J. Rajkhowa
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SHORT TERM TRAINING

ON

ADAPTATION AND MITIGATION OPTIONS FOR CLIMATE RESILIENT AGRICULTURE

(21-30 April, 2015)

Organized by:

National Initiative on Climate Resilient Agriculture (NICRA)
ICAR Research Complex for NEH Region, Umiam 793103, Meghalaya (India)

INTRODUCTION

Climate change and climatic variability is now a reality. The impact of climate change on agriculture is being witnessed in different countries of the world. Countries like India are more vulnerable to climate change in view of huge population directly depend on agriculture, with low coping mechanisms. Rising temperatures and extreme events, such as sudden droughts and floods, mean that it will be even harder to meet the growing demand for food, fiber and fuel, especially for poor countries with high population growth. Climatic aberrations will seriously affect the poorest section of the society who heavily relied on climate-sensitive sectors such as rainfed agriculture and fisheries. Reduction in crop, livestock, and fishery productivity due to climate change /climatic variability is well predicted and there are variations in perceptions about the intensity and consequences of climate change.

The North Eastern region of India is highly vulnerable to climate change and climatic variability. The region is facing intermittent drought and flood very frequently since the last decade of the 21st century. The NE region faced worst drought in 2009 and severe flood in 2012 that affected the agriculture and general economy adversely. Apart from 2-3 waves of critical floods every season, the plains of Assam is facing worst forms of river bank erosion from the mighty Brahmaputra and its tributaries.

In order to sustain agricultural productivity, development/evaluation of stress tolerant crop varieties as well as livestock breeds with appropriate management practices are of immense importance. In the context of climate variability in NE region, adoption of suitable soil and water management practices, rainwater harvesting and its efficient utilization, agro-forestry interventions, organic farming, conservation agricultural practices, location specific nutrient management practices (INM, IPM), shelter, feeding and health management in livestock are some of the adaptation and mitigation options to minimize the impact of climate change on agriculture.

To develop adaptation and mitigation strategies for climate change, the ICAR has initiated National Initiative on Climate Resilient Agriculture (NICRA) project in 2011 and the ICAR Research Complex NEH Region is also an important collaborator of this project. Under NICRA project, potential climate resilient technologies and package of practices relevant to the NE region are being evaluated. In order to disseminate identified climate resilient technologies, a training programme on capacity building is being organized for the scientists and extension personnel engaged in agriculture sector at NE region.

OBJECTIVES

The main objective of the proposed training is to strengthen the knowledge base of the teacher, researcher and extension personnel about climate change and variability, its possible impact on agriculture as well as available options for adaptation and mitigation to climate change with particular reference to North East India.

ABOUT THE COURSE

The course will cover different aspect of climate smart agriculture *viz*. climate analysis, weather forecasting, conservation agriculture, integrated farming system, soil health management, soil-water conservation, rain water harvesting, insect pest management, climate resilient shelter and feed management in livestock's etc. Field visit and group discussion will be important features of the course.

DURATION

The course will be of 10 days duration.

ELIGIBILTY AND SELECTION CRITARIA

The Assistant professor/Scientists/Extension workers of the different ICAR institute, SAUs, CAUs, KVKs, State Department of Agriculture, Horticulture, Soil and Water Conservation departments will be eligible to participate in the training programme. The application/ nominations will be scrutinized and formal acceptance letters will be issued to the selected candidates. TA (By Bus/ train), fooding and lodging will be borne by the organizer.

FEE

There will be no registration fee for the participants.