

APPLICATION FORM

Short Course On

**“Management of Cyclone Disaster in
Agriculture Sector in Coastal Areas”
(16th to 22nd July 2014)**

**Organised by: Directorate of Water
Management, NRM Division (ICAR),
Bhubaneswar, Odisha-751023**

Name of the candidate: _____

Designation: _____

Address: _____

Telephone No.: _____ (Off.)
_____ (Mob.)

Fax No.: _____

E-mail ID: _____

Highest academic qualification: _____

Service experience: _____

Accommodation required (✓): Yes / No
Expectation/Need to be fulfilled from the training course:
(Use a separate sheet for this and enclose)

The aforesaid entries are correct to the best
of my knowledge.

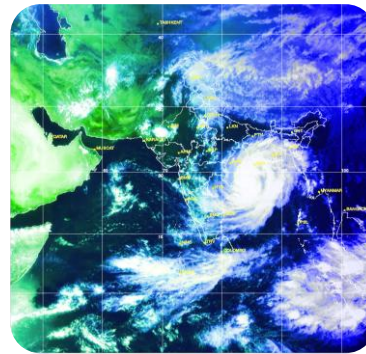
(Name and signature of the applicant)

Recommended and forwarded

Name, Signature and Seal of Sponsoring
Authority

Short Course on Management of Cyclone Disaster in Agriculture Sector in Coastal Areas

(16th to 22nd July 2014)



**Course Director
Dr. Ashwani Kumar**

**Course Conveners
Dr. P.S. Brahmanand
Dr. Ashok K. Nayak**

Organised by:

**Directorate of Water Management NRM
Division (ICAR)
Bhubaneswar, Odisha-751023**

Introduction

The agricultural sector is severely affected due to cyclone in coastal areas. Super cyclone in 1999 and phailin in 2013 severely affected crop production and thereby livelihood of farmers in coastal areas in Eastern Coast. In several occasions, flood is accompanied by cyclone due to heavy rainfall associated with the process which increases the extent of damage to agriculture in terms of decline in crop productivity and poor crop survival. Moreover, the frequent occurrence of cyclone occurrence is a major worry and we have to initiate both short term and long term measures to mitigate the risk caused by cyclone. Several agencies like National Disaster Management Authority, State Disaster Management Authorities, India Meteorological Department, Indian Space Research organization and Indian Council of Agricultural Research have been working on management of cyclone disaster in agricultural sector. Directorate of Water Management has taken initiative on development of technologies such as sub surface water harvesting structures (SSWHS) in super cyclone affected areas in Odisha which was widely adopted by the farming community resulting significant jump in water productivity. The Directorate has also developed block wise contingency crop planning for flood and cyclone prone areas in coastal districts of Odisha. The impact of phailin and its subsequent flood on crop production in Balasore, Jagatsinghpur, Kendrapara and Jajpur districts of Odisha has been assessed and suitable crop plan was suggested to the farmers. Overall, there is a strong need to provide capacity building of different stakeholders of central government and State government agencies in the area of cyclone risk mitigation. Keeping these above points in consideration, a Short Course entitled

“Management of Cyclone Disaster in Agriculture Sector in Coastal Areas” is designed to cater the needs of farming community in cyclone affected coastal areas during 16th to 22nd July 2014.

Course Content

The course is designed by combining theory and practice on different issues of cyclone disaster management with special emphasis on cyclone associated flood event to provide a better resilience. The course would address various facets of cyclone management such as concept of natural disaster management and history of cyclone occurrence in India, risk, hazard and vulnerability due to cyclone, assessment of severity and extent of cyclone damage on crop production, Impact of cyclone on socio-economic livelihood of the farmers, significance of GIS and remote sensing in cyclone preparedness, disaster management act and policies in India and cyclone management plans, role of cyclone forecasting and early warning systems, ICT for the cyclone emergency communication and contingency planning and crop management interventions for cyclone risk mitigation. This course will also cover topics such as engineering interventions for cyclone risk mitigation, soil management interventions in cyclone affected coastal areas, concept of community nursery and contingent seed bank, role of National Disaster Management Authority in cyclone risk mitigation, role of Sub Surface Water Harvesting Structures in enhancing water productivity in cyclone affected areas, integrated long term management plan for cyclone risk mitigation and community and government interventions including subsidy support and insurance for cyclone affected areas. In addition, two field visits will be conducted to strengthen the

practical knowledge on cyclone disaster management in coastal areas.

Course Objectives

This Short course will be useful to functionaries of Central government and State Government organizations, researchers, professionals working in ICAR institutes, SAUs, CAU, Agriculture faculty in Central Universities to update their knowledge in the field of cyclone disaster management in coastal areas.

Course Material

The course material will be prepared and handed over to each participant in form of a Manual during the course.

Who should apply?

Admission for participants is ordinarily limited to functionaries of Central government and State Government organizations, researchers, professionals working in ICAR institutes, SAUs, CAU, Agriculture Faculty in Central Universities. A total of 20 participants will be accommodated in this course. Competent authority of above-mentioned organizations/institutes/universities would nominate suitable persons meeting the eligibility criteria for attending this course.

How to apply?

Persons interested are requested to apply on the application form through proper channel given at the end of information brochure (enclosed).

Venue and Road map

The training will be conducted at Directorate of Water Management (ICAR), P.O.: Rail Vihar, Chandrasekharapur, Bhubaneswar - 751 023, Odisha. DWM is located at Chandrasekharapur area of

Bhubaneswar city and is about 8 km from Bhubaneswar Railway Station and 12 km from Bhubaneswar Air Port.

Travel, Boarding and Lodging

The participants will have to make their own arrangement for the journey, to and fro as TA will not be paid by the organizers. Participants will be provided boarding and lodging free of cost, in the Institutional Guest House/Hostel. This will be as per the guidelines given by the Education Division of ICAR, New Delhi.

For further details please contact:

Dr. Ashwani Kumar

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Email: aknayak75@rediffmail.com

Nomination confirmation, please visit our website:

<http://www.dwm.res.in>

Important Dates:

Last date of Receipt of application : 11 July, 2014

Intimation to Selected participants : 12 July, 2014