



## Minutes of the workshop

On

Harvest & Post harvest Interventions for mainstreaming biodiversity conservation into the fisheries sector of East Godavari Riverine and Estuarine Ecosystem



ICAR – CENTRAL INSTITUTE OF  
FISHERIES TECHNOLOGY  
(ICAR-CIFT)  
VISAKHAPATNAM RESEARCH CENTRE



EGREE FOUNDATION :: CORANGI  
(EAST GODAVARI RIVERINE AND ESTUARINE ECOSYSTEM)  
AN INITIATIVE OF  
GOI-UNDP-GEF-GOAP PROJECT



## Report on the workshop organized by ICAR-CIFT and EGREE foundation

Visakhapatnam center of ICAR-Central Institute of Fisheries Technology (ICAR-CIFT) has organized a workshop on “Harvest and post harvest interventions for mainstreaming biodiversity conservation into fisheries sector of East Godavari Riverine and Estuarine ecosystems” at Hotel Sarovar Portico, Kakinada on 13<sup>th</sup> Nov. 2019. This initiation workshop was organized under the UNDP-EGREE funded research project to create awareness on harvest and post harvest interventions among the stakeholders.



A glimpse of the participants



Representatives from members of mechanized fishing sector, Kakinada, members of motorized and traditional fishing sector, Kakinada, Progressive seafood entrepreneurs from Kakinada, women self help groups etc. participated in the workshop. Representatives from different central and state Govt. fisheries institutes including Marine Products Exports Association- Network for Fish Quality Management (NETFISH), Marine Products Exports Association- National Centre for Sustainable Aquaculture (NACSA), different ICAR institutes ( ICAR-CMFRI , ICAR-CIFE) , Department of fisheries, (Govt. of Andhra Pradesh, State Institute of Fisheries Technology, Kakinada also participated in the workshop.

Dr. U. Sreedhar, Principal Scientist, Visakhapatnam Research Centre of CIFT welcomed the gathering. Dr. Shanti Priya Pandey, IFS, Chief Conservator of Forests, Rajahmundry Circle & Chief Executive Officer, EGREE Foundation inaugurated the workshop by lighting the ceremonial lamp. In her address, Dr. Shanti Priya Pandey, IFS briefed the audience about various activities of EGREE foundation. She also briefed the marine resources of EGREE region and its potential for improving the economic status of fisher folk residing the EGREE region. She emphasized the need to conserve the resources using sustainable and responsible fishing methods developed by research institutes. Dr. Nandani Salaria, IFS., DFO (T), Kakinada & Addl. CEO, EGREE Foundation has urged the stakeholders to utilize the opportunity provided by CIFT in the form of trainings on responsible fishing for conserving the fishery resources and to develop and market value added and smoked fish products for increasing their income.



Dr. Shanti Priya Pandey, IFS., addressing the participants



Dr. Nandani Salaria, IFS. addressing the participants



Dr. Raghu Prakash briefing the project components

Dr. R. Raghu Prakash, Principal Scientist & Scientist-in-Charge, ICAR-CIFT, Visakhapatnam Research Centre and principal investigator of the project has given an overview of the project “Harvest and post harvest interventions for mainstreaming biodiversity conservation into fisheries sector of East Godavari Riverine and Estuarine ecosystems”. He has given a brief detail on the four different components of the project viz. demonstration of Sustainable trawl fishing with Square Mesh Cod-ends, Skill development programme on Value added products and Capacity building and Establishment of Hygienic Smoking Kilns - Community Fish Smoking Kiln (COFISKI).

In the felicitation address, Shri. P. Koteswara Rao, Addl. Director of fisheries, Govt. of Andhra Pradesh & Principal SIFT extended his full support to the project and urged the fishermen to utilize the opportunities in fisheries sector. He also explained the various schemes and policies of Dept. of fisheries. Dr. Subhadeep Ghosh, Scientist in Charge, Visakhapatnam Regional centre of ICAR-CMFRI pointed that ICAR-CIFT is instrumental in conducting training and demonstration programmes in harvest and post harvest sector for benefiting the fishers. Dr. Shanti Priya Pandey, IFS to release the book Sustain Fish-2019 has released the workshop book-Sustain 2019. Dr. Madhusudana Rao, Principal Scientist, ICAR-CIFT Visakhapatnam research centre proposed vote of thanks.



Shri. P. Koteswara Rao giving his felicitation address



Releasing the workshop book-Sustain 2019

The inaugural session was followed by lectures of scientists from ICAR-CIFT and ICAR-CMFRI. The first talk was on the “Marine fishery resources of Andhra Pradesh” by Dr. Subhadeep Ghosh, Scientist in Charge, Visakhapatnam Regional centre of ICAR-CMFRI. He has given an overview of resource wise marine landings of Andhra Pradesh over a period of

2012-2018, fishing crafts and gears in operation, stock status etc. He pointed that the marine fisheries sector, at present, is an important source of employment and income generation in the state, but is plagued with several problems. He stressed that efficient management of marine fishery resource is the need of the hour as this sector is vulnerable to external influences viz., overexploitation of marine resources, environmental degradation and climate change etc.



Dr. Shubhadeep Ghosh, SiC, CMFRI  
delivering the talk



Dr. R. Raghu Prakash, SIC, CIFT  
delivering the talk

Dr. R. Raghu Prakash, Principal Scientist, ICAR-CIFT Visakhapatnam Research Centre has given a talk on “Fishing Technological interventions in responsible fishing for biodiversity conservation and sustainable fisheries development”. Innovative technologies responsible fishing (by catch reduction devices for various fishing gears like trawls, hook and line, traps etc., measures for energy conservation while fishing) were detailed in the talk. He also highlighted the need for adopting responsible fishing practices in the areas of by-catch reduction, mitigation of negative environmental impacts and conservation of energy in fishing for sustainable fisheries.

Dr. B. Madhusudana Rao, Principal Scientist, has briefed the business opportunities in post harvest sector. He emphasized to take up value addition and by product as a means for doubling the income of fishers. He showcased the case studies of small scale entrepreneurs who have taken up ICAR-CIFT technologies through Agribusiness Incubation centre. He stressed the importance of food safety to meet food safety regulations and the demands of consumer's consciousness of food quality.



Dr. U. Sreedhar, Principal Scientist  
delivering the talk



Dr. B. Madhusudana Rao, Principal  
Scientist delivering the talk

Dr. U. Sreedhar, Principal Scientist has given a talk on “Long line fishing for resource and energy conservation”. He has stressed that developing long line fishing is one of the solutions for reducing the use of high energy consuming large scale fishing gears like trawls and gill nets. He has mentioned potential candidate species for long line fishing, advantages of

long line fishing over trawling, basic designs of lone lines etc. He also suggested the measures for a sustainable long line

fishing operations. Dr. Viji P., Scientist has talked about the various value products that can be prepared from fish for getting better prize per unit kg of fish. She has given a brief account on the various methods for value addition like improving the marketing style of fresh fish, preparation of mince based products, battered and breaded fish products and coated shrimp products.

The stakeholders from different fisheries sector have dedicatedly participated in the workshop and keen interest in the ICAR-CIFT technologies. They thanked ICAR-CIFT and EGREE foundation for organizing the workshop and expressed their eagerness to participate in the skill development and lively hood generating training programmes.

The workshop has come to an end with the concluding remarks by Dr. R. Raghu Prakash, Principal Scientist and Principal Investigator of the project. He announced the tentative onboard training and demonstration programme on Responsible fishing and skill development programme on value added products and smoke curing to be conducted in the month of December. He also urged the stakeholders to make use of this opportunity for acquainting practical exposure on the various technologies developed of ICAR-CIFT.



Dr. Viji P, Scientist delivering the talk