

**Brief Report of ToT programme for women on “Water Use Efficiency and Water Productivity”  
Conducted by NERIWALM at Tezpur during 5 – 7 August 2015 sponsored by National Water Mission,  
MOWR,RD & GR, Govt. of India:**

**SALIENT FEATURES**

**A. Objectives:**

A three day long Training of Trainers (ToT) on **Water Use Efficiency and Water Productivity** for women groups and self help groups of North Eastern Region of India was conducted by NERIWALM during 5 – 7 August 2015. The training course was sponsored by the National Water Mission (NWM), Ministry of Water Resources, RD & GR, Govt. of India. The ToT has been structured based on principles of efficient utilization of irrigation water for optimizing agricultural productivity and production from irrigated land which is now considered as an accepted fact that irrigation water management is an interdisciplinary activity that involves canal network, management of soil and cropping system through participation of farmers. In this regard, the National Water Mission envisages empowerment and involvement of Water User Associations (WUAs) and other stakeholders like women groups/women farmers in promoting participatory irrigation management and better management of water resources with focus on water conservation, presentation and augmentation.

With this background, the ToT programme was conducted with focus on women groups and Self- Help Groups (SHG) for making them understood the government policies on water related issues and technical knowhow on water conservation, increasing efficiency of water use at domestic activities and supplementing their income through various activities related to water productivity.

**(B) Number of Participants:**

Altogether, **35 Nos. of women** belonging to various women groups/SHGs from **Assam and Manipur** have participated in the ToT. (List enclosed at **Annexure-III** ).

**(C) Opening Session:**

A preliminary discussion was held on 5<sup>th</sup> August, 2015 at 10.00 AM where all the faculty members (Resource persons) of NERIWALM have interacted with the participants to assess the role being played by the participating women groups/SHGs in water management both in irrigation and other household activities, involvement in agricultural practices including water harvesting and their knowledge on water quality for drinking purpose. Participants expressed their interest to know in detail the water related policies & technologies and also their role in better management of water both in irrigation as well as in household activities. They had also shown eagerness to know about water quality management, conservation of water at household and field level. They have the expectation that capacity building of women would certainly help in improving attitude, skill and knowledge which can be disseminated among their families in particular and community as a whole.

**(D) Course Content:**

Both classroom deliberations and field visit at irrigation schemes, drinking water supply project site and crop fields were organized for the participants. Following topics were deliberated taking in to consideration the topics suggested by the NWM:

- i) National Water Mission with reference to increasing efficiency of irrigation water management
- ii) Government policies and measures in irrigation
- iii) Crop water requirement, crop planning and crops management
- iv) Improving water productivity in agriculture
- v) Improving water productivity through integrated fish farming
- vi) Water use efficiency and micro irrigation
- vii) Water Conservation methodologies
- viii) Household level water quality management
- ix) Water qualities and schemes for individual households
- x) Role of women in water conservation awareness for children

**(E) Field Visit:**

In addition to the class room deliberation through power point presentation on the topics cited above, trainees were also taken for one-day field visit for getting necessary exposure on water quality management and crop water management etc. They have visited a drinking water supply scheme at Barikachubri, Sonitpur district, Assam constructed by the Public Health Engineering, Govt. of Assam. The implementation and maintenance of the scheme is done by a committee involving even women members formed by the community of that locality. At present the water is supplied to 200 households daily two times for one hour each. The committee monitors the water quality and distribution and help in collecting water charge from each of the households @ Rs.100 per month. The trainees have interacted with the Assistant Engineer, PHED who explained the importance of drinking quality water, process of purification/water treatment and supply of water to the households. The participants also interacted with the water supply committee regarding the committee's role & functions, collection of water charges and benefit derived by associating themselves in the process.

Participants have also met few farmers who use irrigation water for crop production and get the idea of increasing production and income through different water management techniques. Nearby the trainees could also see a model of integrated fish farming managed group formed by few villagers and enhanced income from the fish farming.

**(F) Group Discussion:**

A group discussion was held with the participants to have a immediate feedback on the ToT and also conducted a post evaluation of the programme. Feedback received is presented below:

**Scraps of Feedback/evaluation of the trainees:**

Feedback 1. 'We actively involved in agriculture activities and livelihood activities but this programme gives us concept of water management in agricultural field which is new to us. We look forward for more such capacity building programme. Whatever is learnt in this training shall be discussed with my family members and other members of our group'.

Feedback 2. 'After participating the training many things about water is known to me. Since women are not getting equal opportunity to involve in irrigation management, it is necessary to

create awareness among the women about participatory irrigation management, water use efficiency, importance of quality management of drinking water, judicious use of water in different household activities. Information on water policies and different schemes and programmes of both the central government and the State department about the agricultural schemes and formation of water users association will be useful in carrying out some activity in future.'

Feedback 3. 'We will transfer our knowledge gain from this training to our members of SHGs and family.'

**(G) Valedictory function:**

On the completion of the training course the Deputy Director, NERIWALM, Sri A.K. Sharma distributed certificates to the trainees and congratulated them for successful participation in the course. Feedbacks were taken from the representatives of the trainees regarding the course and organization arrangement. Most of them were satisfied about it.

**(H) Resource Person from NERIWALM:**

- i) Dr. B.C. Nath, Associate Professor (Agri)
- ii) Dr.U.M. Hazarika, Assistant Professor
- iii) Dr. Ch.Victoria Devi, Research Associate (Social Sc.)
- iv) Sri Monoranjan Nath, Research Associate (Agri)
- v) Sri. Ritu Thakur, Research Associate (Agri.)

**(I) External Resource Person:**

- i) Er. G.Talukdar, Assistant Engineer, Public Health Engineering Depratment, Govt. of Assam
- ii) Sri Rituparna Pegu, SMS, Krishi Vigyan Kendra,(KVK), Napam, Assam Agricultural University

Contd.....(List of participants)

## Annexure-III

## List of participants

**ToT programme for women on “Water Use Efficiency and Water Productivity” Conducted by NERIWALM at Tezpur during 5 – 7 August 2015 sponsored by National Water Mission, MOWR,RD & GR, Govt. of India**

Sl. No.	Name	Gender	Caste	District	State	Addresses
1	Smt. Jabashri Boro	F	ST	Udalguri	Assam	Bajraijhar .P.O Rowta station, Udalguri, Assam
2	Smt. Binuta Daimary	F	ST	Udalguri	Assam	Bajraijhar .P.O Rowta station, Udalguri, Assam
3	Smt. Pinki Devi	F	Gen	Udalguri	Assam	Maradhansiri .P.O Rowta chariali, Udalguri, Assam
4	Smt. Mangalshree Goyary	F	ST	Udalguri	Assam	Phuhurabari .P.O Rowta chariali, Udalguri, Assam
5	Smt. Jarow Basumatary	F	ST	Udalguri	Assam	Phuhurabari .P.O Rowta chariali, Udalguri, Assam
6	Smt. Madhuri Basumatary	F	ST	Udalguri	Assam	Sonai Bhergaon P.O Goraibari, Udalguri, Assam
7	Smt. Dondi Basumatary	F	ST	Udalguri	Assam	Sonai Bhergaon P.O Goraibari, Udalguri, Assam
8	Smt. Bhanu Moti Devi	F	Gen	Udalguri	Assam	Maradhansiri P.O Rowta Chariali, Udalguri, Assam
9	Smt. Sangita Devi	F	Gen	Udalguri	Assam	Maradhansiri P.O Rowta Chariali, Udalguri, Assam
10	Smt. Tika Maya Devi	F	Gen	Udalguri	Assam	Maradhansiri P.O Rowta Chariali, Udalguri, Assam
11	Smt. Basonti Basumatary	F	ST	Udalguri	Assam	Tarabari P.O Maskuti, Udalguri, Assam
12	Smt. Padma Devi	F	Gen	Udalguri	Assam	Maradhansiri P.O Rowta Chariali, Udalguri, Assam
13	Smt. Sangitta Daimari	F	ST	Sonitpur	Assam	Upper Panbari.P.O Upper Panbari, Sonitpur, Assam
14	Smt. Kamini Devi	F	Gen	Sonitpur	Assam	Bapubheti,P.O Bapubheti Sonitpur, Assam
15	Smt. Ambika Devi	F	OBC	Sonitpur	Assam	Mazrowmari,P.O Mazrowmari Sonitpur, Assam
16	Smt. Bina Devi	F	Gen	Sonitpur	Assam	Barowadalani,P.O Bapubheti Sonitpur, Assam
17	Smt. Mridula Das	F	Gen	Baska	Assam	UjanBahbari,P.O Barendgabri,Baska, Assam
18	Smt. Chayanika Kalita Talukdar	F	Gen	Barpeta	Assam	Haripur P.O. Bhawanipur, Barpeta, Assam
19	Smt. Deijee Bayan	F	Gen	Barpeta	Assam	Bhawanipur, P.O. Bhawanipur, Barpeta, Assam
20	Smt. Banu Rani Baishya	F	Gen	Barpeta	Assam	Haripur P.O.

						Bhawanipur,Barpeta,Assam
21	Smt. Gitanjali Koch	F	OBC	Sonitpur	Assam	Doomdooma, P.O Kacharigaon, Sonitpur,Assam
22	Smt. Momi Goigoi Handique	F	OBC	Sonitpur	Assam	Gorimari, P.O Tetonbari, Sonitpur,Assam
23	Smt. Girija Talukdar	F	Gen	Barpeta	Assam	Haripur P.O. Bhawanipur,Barpeta,Assam
24	Smt Chayanika Devi	F	Gen	Barpeta	Assam	Haripur P.O. Bhawanipur,Barpeta,Assam
25	Smt. Genevive Sayai	F	ST	Ukhrul	Manipur	Lambui Ukhrul District,Manipur
26	Smt Luiyikla Zimik	F	ST	Ukhrul	Manipur	Lambui Ukhrul District,Manipur
27	Smt. Dwipa Nag	F	OBC	Sonitpur	Assam	Jiajabhoru, P.O Jiajabhoru, Sonitpur,Assam
28	Smt. Mamoni Daimari	F	ST	Sonitpur	Assam	B.H.Pather P.O. Dhankhana, Sonitpur,Assam
29	Smt. Mauchumi Boro	F	ST	Sonitpur	Assam	Meghaiati P.O. Ulubari Sonitpur,Assam
30	Smt. Morjina Khatun	F	OBC	Sonitpur	Assam	Rangagora No.2 P.O. Rangagora, Sonitpur, Assam
31	Smt. Kalpana Karmakar	F	OBC	Sonitpur	Assam	Bogaribari P.O. Pirakata , Sonitpur, Assam
32	Smt. Gitanjali Borah	F	OBC	Sonitpur	Assam	Mikerbora P.O. Mikerbora ,Sonitpur,Assam
33	Smt. Rajumoni Borah	F	OBC	Sonitpur	Assam	Majikuch P.O. Majikuch ,Sonitpur,Assam
34	Smt. Poran Khatun	F	Gen	Sonitpur	Assam	Alisinga P.O. Dhekiajuli ,Sonitpur,Assam
35	Smt. Pranita Medhi	F	Gen	Barpeta	Assam	Haripur P.O. Bhawanipur,Barpeta,Assam

**Women: 35 Nos.**