

WATER seeks to enable various stake holders like smaller NGOs, PIAs, SHGs and User Groups, Village Clubs to realize this vision into a reality through real time networking with existing ongoing projects, resource/research organisations, scientist/resource persons/retired Govt offices, developmental experts, financial institution to supplement each other and bring them to a common meeting point for pro village/poor and grass root reality in its area of activities. WATER had been working in the field of technology transfer, environment, agriculture, horticulture and processing, soil and water conservation, water harvesting and watershed development, agro forestry and nursery raising, literacy, health(Pulse polio immunization, AIDs awareness, family planning and welfare), women and child development, urban poverty alleviation etc. WATER is registered with **Bhagidari Cell of Delhi Govt.** and working on all aspects of Bhagidari activities like Pulse Polio Immunization/Aids Awareness/Rehabilitation, Citizen Grievance Redressal at Municipality Council of Delhi and Slum development and literacy/adult education works in NCT Region

**WATER over the years has identified the following areas for intervention, networking and activities;**

- Soil Health assessment, Land Use Planning for efficient resource management for arresting land degradation. Demonstrate INM & IPM packages for organic farming for tribal/poor farmers in Eastern Region for popularization of large scale villae based Organic Farming.
- Improving water productivity through rain water harvesting and multiple uses of water and Water Scarcity Management under Dryland/Drought through Watershed Management for Resource Conservation Technologies, Crop diversification, and Farming System. Demonstrate large scale adaptation of livelihood options for climate change on dryland agriculture for sub-humid region against drought management strategy.

### **Project Completed ( Last 10 years**

#### **A. Technology Development and Extension (TDEP), ( 2007-10, outlay INR 14.9 Million)**

**“Demonstration, extension and training of water management,WM (TOT) for productivity improvement and economic sustainability of aqua-terrestrial farming system on wastelands under humid areas of West Bengal” for wasteland development under Technology Development and Extension(TDEP) of Department of land resources, Min. of R D at 3 villages in Burdwan, West Bengal.**

WATER implemented the project as a collaborating Partner of The prime implementing Institution BCKV, the State Agricultural University,Nadia,W B. from kharif 2007 to 2009 Rice and fish in identified farm ponds numbering about 126 were taken up in 3 Villages of Burdwan,WB with improvement of total production of paddy by about 1.0 t/ha and fish by 1.88 t/ha. The average annual profit per family was increased to Rs. 3514 (25%) through crops and Rs 2844 (30%) through fishery/animal based activities

- B. WATER** as a collaborating partner of IARI/PUSA Institute/ICAR Ministry of Agriculture worked as grass root developmental agent in the “**Climate Change Adaptation**” Project Funded by World Bank-Global Environmental Facility (WB-GEF) (**Outlay 2.45 US\$ Mil.,2009-2014**)

‘Strategic Intervention in Agriculture for Climate Change Adaptation, at MEWAT, Haryana, for the dryland eco system at 4 clusters of villages (9 Nos) at Nuh Block. and developed sustainable livelihood for the villagers through ‘on farm’ and ‘off farm’ activities.

**C More Crop per Drop under Farmers Participatory Action Research Program (FPARP).**

“Community led water management on farming system approach in drought prone sub-hydrohyanagpur region through demonstration of improved rainwater harvesting and groundwater recharging techniques”. *More Crop per Drop under Farmers Participatory Action Research Program* . (FPARP), Funded ( ) by Ministry of Water Resources, GOI, at 7 districts Jharkhand (2007-2010). *interventions were (i)* Integrated fish in farm ponds for stabilizing income with crop cultivation; (2) Demonstration and dissemination of low cost plant techniques on dry/waste lands, (3) Low cost micro irrigation technology in rainfed and irrigation tanks

- D** Integrated Rice-based Farming System Development with Water Management Technologies at Giridih, Jharkhand: Inspired by IWMI-ICAR-IARI and as a NGO partners WATER have developed 3 villages in the Gandey Block of GIRIDIH, Jharkhand (BIHAR) and implemented key initiatives such as ‘Climate Change Adaptation’, ‘Dialogue on Water, Food and Environment’, ‘The Comprehensive Assessment of Water Management for Agriculture’ understanding and the management response to the water crisis as it relates to agriculture, health and environment. **(2010-12)**

**E Integrated watershed Management Projects at WB, (2011-2018, 18.42 crore)**

WATER is implementing 4 Nos Integrated watershed Management Projects in 4 blocks consisting 129 villages funded ( 18.52 Crores) by Deptt. Of Land resources, Min of R D, GOI and Govt of WB (WBSWDA, KOLKATA) in Birbhum and West Medinipur Districts.

The programme is an integrated approach to village and area development programme with emphasis on natural resource management, rain water harvesting, soil and water conservation for productivity improvement with higher cropping intensity. As this a people participatory project staggered skill development and all round social capital formation like SHG/UG formation for all activities were done. Water is demonstrating and assisting SHGs/UGs and watershed Committees (WCs) on various aspects of area development programs with relevant skill, social intervention and micro enterprise development especially Water and Watershed Management with location specific natural resource management technique, multiple crop production and employment generation activities with new research/latest technological intervention from ICAR Institutes Universities and IIT(Delhi and Kharagpur).