

CLIMATE PROOFING WATERSHEDS



Operates in **7 states** across India

Impacting **1.8 M** people

Over 2000 Watershed Development and Climate Change Adaptation Projects



Community Driven Vulnerability Evaluation-Programme Design

It makes a quick yet precise assessment of the climate risks and vulnerabilities of an area through community engagement, thus generating a five digit multi-dimensional '**Resilience code**' based on the five livelihood capitals (financial, human, natural, physical and social) backed by a list of locale-specific indicators.

With this approach WOTR addresses the impacts of climate variability through its innovative interventions like...

Soil and Water Conservation Works

- Reduced soil erosion
- Augmented water storage
- In-situ capture of rainfall

1,670 villages
area of **1,003,537** ha
1.59 M people impacted



Agro-Meteorology: Agriculture meets Information Technology

- Locale specific weather based crop advisories
- Accelerates adoption of on-farm adaptive responses

• **87** Automated Weather Stations established
• **4559** Unique Crop Advisories sent to
8638 unique farmers



System of Crop Intensification (SCI)

Four pronged approach

- Soil preparation
- Crop geometry
- Micro-nutrient foliar sprays
- Application of organic inputs

Implemented in **156** villages involving over **2900** farmers.



Participatory Water Budgeting A Demand Side Approach to Water Security

- Quantifying water availability, aiding in its equitable & judicious use.
- More crop per drop.

• Water Stewardship in **106** villages
• **141** group models for water sharing



Capacity Building & Training

Trained over **380,000** people across India and **63** other countries.
Provided handholding support for **21** watershed projects in **Malawi, Kenya, Tanzania & Somaliland**.

WOTR has successfully facilitated 230 NGOs and Government Project Implementing Agencies. involvement in over **11,801** women SHGs, micro-finance, trainings and other initiatives **149,453** women.

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