Photo report on Integrated Watershed Management (IWM) training workshops and experience sharing for Africa RISING project local partners in Ethiopia (December 2014)

14-15 Dec 2014: Lemo site
17-19 Dec 2014: Basona site
22-24 Dec 2014: Abraha Atsbaha and Maichew
Integrated Watershed Management (IWM)

Africa RISING in Ethiopia works closely with partners and farmers to identify and work on model watersheds in three of its research sites. Training workshops and experience sharing visits were organized in Lemo, Basona, Maichew and Abraha Wa-Atsbha to:

1. create common understanding on how to establish model watershed, share responsibilities and work together to implement R&D interventions
2. familiarize workshop participants on various crop, livestock, land/soil, water, tree and other NRM related technologies, practices and approaches that are successfully practiced in different model watersheds/landscapes
3. develop joint action plans for short-term implementation

The Woreda Office of Agriculture at each Africa RISING site will cover the largest portion of the investment and mobilize resources for the physical and biological soil and water management (SWM) interventions. Africa RISING and its research and academic partners will technically backstop the IWM initiative through capacity building and demonstrations of appropriate technologies, practices and approaches.
Introduction on IWM during the training workshop program in Lemo
IWM workshop participants visiting community managed model watershed in Jawe Africa RISING research kebele in Lemo
Multipurpose desho grass (*Pennisetum pedicellatum*), soil bund and trenches for SWC and improving productivity of a watershed in Jawe Africa RISING research kebele in Lemo
Topsoil erosion from unprotected landscape adjacent to a model watershed site in Jawe- Lemo
Experts discussing with a farmer on potential niches for harvesting water in Jawe, Lemo
Presentation on water harvesting and gully rehabilitation experiences from Tigray during the workshop in Debre Birhan Basona Africa RISING site
Basona woreda agricultural office head explaining the IWM initiative to workshop participants in Gudo Beret Africa RISING kebele
Research area: management and utilization of introduced forages, fodder trees and existing feed sources (private and communal grazing lands and crop residues)
Tree lucerne planted along physical SWM structures in the watershed at Gudo Beret Africa RISING research kebele
Regeneration of *Junipera procera* in degraded upstream of a landscape that is planted with Eucalyptus species (serving as a foster tree) in Basona Africa RISING site.
Check-dam ponds constructed by communities for multiple uses in Abraha Wa-Atsbaha, Tigray
Local partners (extension and farmers from Lemo and Basona) learn success stories of IWM initiatives of Abraha Wa-Atsbaha, Tigray
Wells developed as a result of IWM (gully rehabilitation, hill side restoration, enrichment planting, construction of trenches and check dams) - used to irrigate and grow food crops and fruit trees.
Food and cash crops produced from water from check dam ponds and wells
Africa RISING CGIAR partners in Ethiopia
Africa RISING local partners in Ethiopia

- **Academic institutions:**
  - Wachemo, Mekelle, Madawolabu, Debre Berhan and Hawassa universities; Maichew Agricultural College

- **Regional research organizations:**
  - Amhara Regional Agriculture Research Institute, Southern Agricultural Research Institute, Tigray Agricultural Research Institute, Oromia Agricultural Research Institute

- **Federal research organizations:**
  - Ethiopian Institute for Agricultural Research, Ethiopian Health and Nutrition Research Institute

- **Offices of Agriculture:**
  - Endamekoni (Tigray), Basona Worena (Amhara), Lemo (SNNRP) and Sinana (Oromia)

- **Agricultural Transformation Agency**
Credits

Produced by Africa RISING Project in Ethiopia
Compiled by Kindu Mekonnen (ILRI)

Contributors: Kindu Mekonnen (ILRI), Lulseged Tamene (CIAT) and Kifle Woldearegay (Mekele University) and Aberra Adie (ILRI)

Photos: Kindu Mekonnen and Kifle Woldearegay

Our appreciation goes to team members and local partner organizations including farmers in Africa RISING project sites in Lemo and Basona.
Africa Research in Sustainable Intensification for the Next Generation

africa-rising.net

The presentation has a Creative Commons licence. You are free to re-use or distribute this work, provided credit is given to ILRI.