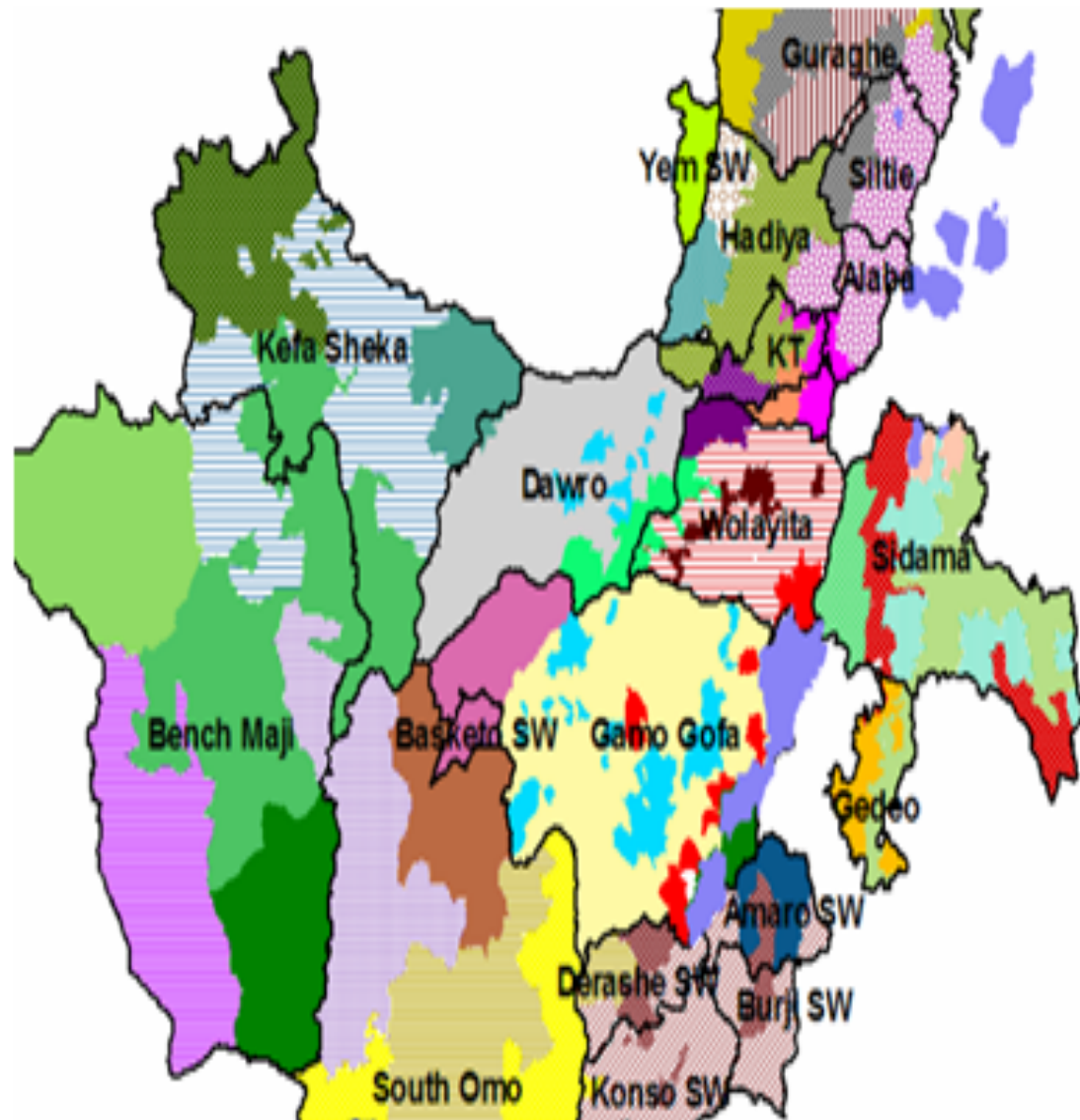
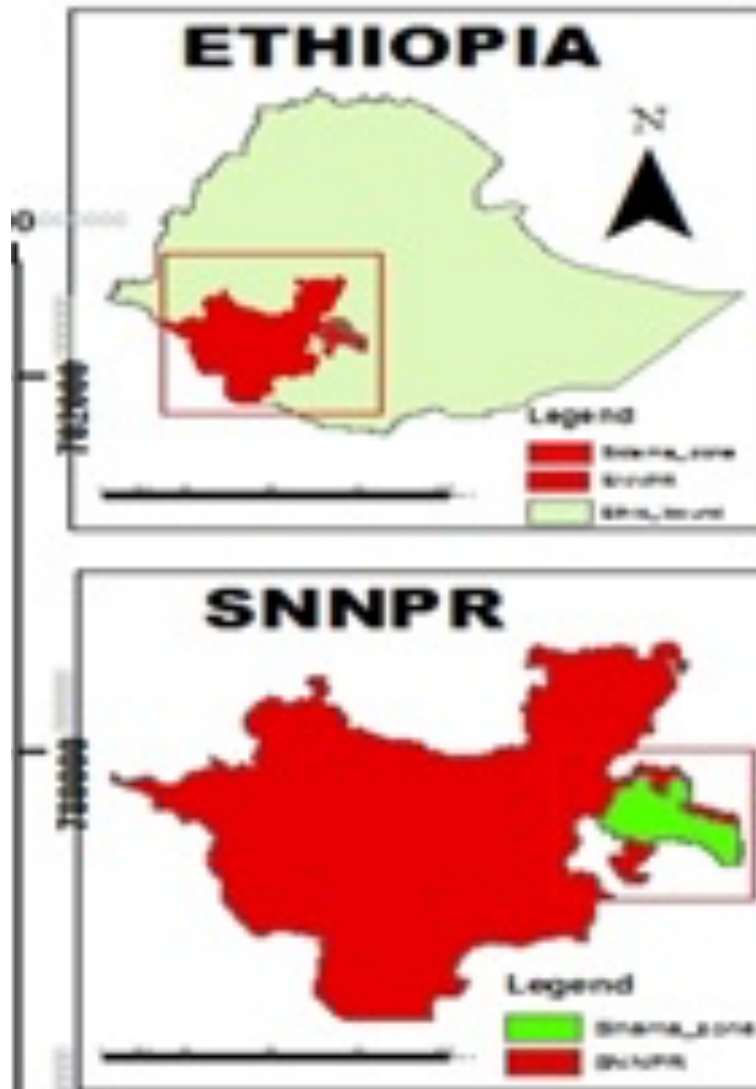


Presentation on Watershed Development and Road Water Harvesting Activities in SNNPR Feb 27, 2017; Mekelle, Ethiopia



SNNPRS



Hawassa City/Capital of SNNPRS/



Background Information

- ❖ Area: 110,931 sq. km
- ❖ Population: Around 19 million (Projected based on 2007 census)
 - ❑ More than 56 ethnic groups
 - ❑ Urban population: 7.5%
- ❖ Annual Ave. Temperature: 7.5-27.5 Dc
- ❖ Annual Ave. Rainfall: 400-2200mm

Watershed Development Activities (2016/17 FY)

❖ Regional Mass mobilization: Started as of *February 10, 2017* (For Twenty days)

❑ No. of People participating: *M= 3,030,089;*
F= 2,449,279(44.7%); Total= 5,479,368

❖ Main Activities:

❑ No of sub-basins to be developed : *3760*

❑ Terracing: *415,000 km*

❑ Flood diversion works: *40,000 km*

❑ Trench excavation works: *1,420,000 m3*

❑ Area Closure: *440,500 ha*

❑ Seedlings plantation: *1.2 billion*

Road & its catchment Water Harvesting

- ❖ Started in 2016/2017 FY with collaboration of BoANRD & SRA
 - ❑ Finance & technical support from GIZ
- ❖ Main Activities:
 - 18 Ponds excavation with (5000 cubic meter): by machinery (SRA)
 - Cattle troughs construction: by Wereda admin.
 - Compaction and fencing: by the community (labor & material)
- ❖ Used mainly for Cattle drink and small irrigation
- ❖ Intended to reduce flooding

Road & its catchment.....



Plans & Trends on Road Construction (SRA)

- ❑ Design of roads as per ERA manual
- ❑ Construct and maintain roads.
 - In 2016/17 FY, the plan for DS6 roads const:1410 Km and URRAP: 3052km (Total 4462km)
 - cross culvert/bridges are constructed, but no due consideration (during design) for RWH.



Issues to be addressed

- ❖ *Design Consideration*: RWH should be taken into consideration during road design
- ❖ *Integration*: The regional BoANRD, BoEPFD and RAs should integrate their plan for RWH, roadside tree planting & Watershed management
- ❖ *Scaling up*: The experience and techniques developed in Tigray region & Mekelle university should be scaled up to other regions and universities (HU, AMU)
- ❖ *Research based technical support & capacity building*: Like MetaMeta and others

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Thank you!

Asante Sana!