Drought Early Warning Surveillance
• Recurring droughts in southern Ethiopia
• Vulnerable communities are often affected by repeated shocks resulting in reduced coping mechanisms
• Early warning information frequently does not reflect local contexts.
• Information sharing with communities with limited feedback and can influence decision making.
• Timely disaster response is a challenge
• Affected communities & stakeholders engagement are key to successful DRR activities & effective response.
Established in 2007 in Southern Ethiopia with academic partner & local NGO GPDI
Pastoralist & agro-pastoralist communities
Approach

• Use a community-based approach to support communities to identify and share early warning signs of impending drought.

• Bring stakeholders together through two-way information exchange to identify ongoing needs & facilitate decision-making for action.

• Leverage the DEWS system to identify the need for emergency assessments & take the next steps toward early response.

• Use DEWS to inform disaster risk-reduction activities

• Enhance capacity building at many stakeholder levels
Local NGO SYSTEM OF:
1) COMMUNICATION
2) COORDINATION
3) DATA COLLECTION
4) RESPONSE

THE SYSTEM BEGINS AND ENDS WITH THE COMMUNITY

Community-Based Surveillance

SYSTEM OF:
1) COMMUNICATION
2) COORDINATION
3) DATA COLLECTION
4) RESPONSE

THE SYSTEM BEGINS AND ENDS WITH THE COMMUNITY

QUARTERLY FEEDBACK MEETINGS

DECISION MAKING
ACTION PLANS
RESPONSE
Community-base data collection

Visual analogue scale (VAS)

- Health
- WASH
- Livelihoods
- Food Security
- Migration
Community survey

Moyale District
- 5 women informants/village
  - Tuka
  - Arganne
  - Danbii
  - Mudhi Ambo
  - Bokola
  - Mado

Taltalle District
- Bule
- Korma
- Bule
- Dambii
- Saba
- Sarite

COMMUNITY DATA COLLECTORS
GOV'T HEALTH WORKERS
LOCAL PARTNER
OXFAM

Monthly Report

Local Gov’t & Partner Survey

Health Data Market Costs
DEWS is a system which focuses on feedback loops to communities and local government stakeholders for decision-making and early action.
QUARTERLY MEETINGS

Monthly Report Validation
Sector/NGO/Community Updates
Prioritize problems
Create Action Plans
Agree upon Action Plans

USING DATA & INFORMATION

early response
DRR projects
early communication

Oxfam America (HARO)
Local Partner
NGOs
Government Offices
PA Leaders

early warning
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