

IPCC Special Report on Managing the Risks of Climate Extremes and Disasters in Africa

The perspectives of a community worker

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What am I hearing?

- ❖ Climate Change is a reality
- ❖ Economic losses related to climate related disasters are increasing
- ❖ Negative effects of Climate Change could wipe out investments that development practitioners have witnessed-systematically attacking /hurting the drivers of livelihood improvement

- ✓ Agricultural production and food security sector
- ✓ Health sector
- ✓ The Water Resources Sector
- ✓ Industry and Settlement sector
- ✓ The Tourism Sector
 - Coastal Zone Management
 - Ecosystems and Wildlife

Observable trends

Water



✓ Rainfall declines and shrinking water resources / flooding

Food Security



✓ Shorter growing seasons

✓ Food productivity declines

✓ Changing disease patterns

Health



✓ Temperature shifts and expansion of temperature-related diseases malaria to new areas

Climate risks

- Drought / water stress
- Temperature stress
- Flooding

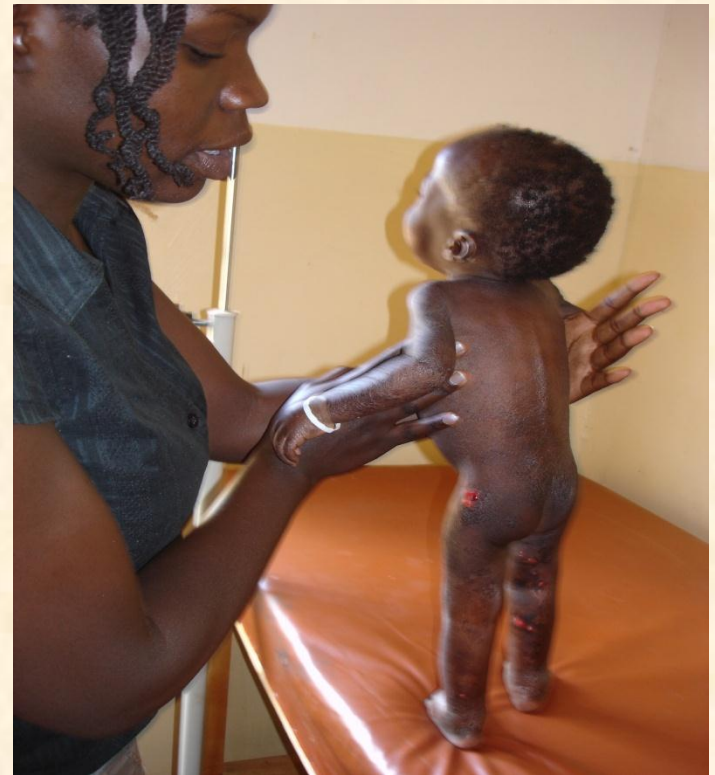
Potential impacts

- Agriculture & rangeland failure - famines
- Health deterioration
- Displacement /migration
- Poverty, reduced GDP

❖ Most vulnerable

-The poor

-Marginalized groups (women, children and the elderly)





What options?

- Local communities

- ✓ need to do something differently

- Governments

- ✓ need to do something differently

- Non-Government actors

- ✓ need to do something differently

- International community

- ✓ need to do something differently

Incorporate climate change adaptation into broader development efforts

✓ **Adaptation:** Those activities which allow families/ communities:

- Plan for
- Cope with
- Adjust to Changing weather patterns & its effects on livelihoods

(*How to live with*)

✓ **Mitigation** - Those activities which reduce GHG concentrations (*How to stop and / or reverse*)

✓ **Public Engagement & Advocacy**

- Funding
- Policy
- focus

Adaptation- what?



- ❖ **Drought tolerant crops and diversification**
- ✓ Crops which can withstand (and mature) under low rainfall regimes.



On-farm rain water harvesting and micro irrigation technologies





Conservation agriculture technologies



Agro-forestry systems



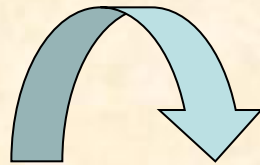
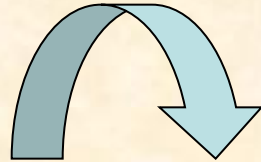


Improved / adapted animal species

- Light feeders, high productivity and hardier
- ✓ Poultry?
- ✓ Apiculture?

Mitigation-What?

- Aforestation and reforestation
- Widespread adoption of energy saving technologies





THANK YOU