

# Communicating climate science with rural households



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# Objective

Discuss the processes in incorporating indigenous ecological knowledge and scientific knowledge to enhance climate resilience in communities



# Outline

1. Communicating climate science to rural households
2. How are communities responding to climate change?
3. Community stories on adapting to climate change
  - Film “Lukautim graun bilong taim bihain”
  - Film “Our Forest Our Life”
4. Food security & the prolonged drought in communities
5. Challenges so far & proposed changes



## COMMUNICATING CLIMATE SCIENCE TO RURAL HOUSEHOLDS IN PAPUA NEW GUINEA

- Social mapping using community networks
- Community visits
- Participatory videos
- Information exchanged could related to seasonal changes





## COMMUNITY RESPONSE TO THE IMPACT OF CLIMATE CHANGE

- Irrigation
- Food processing
- Agroforestry
- Biodiversity conservation

# Severity of drought measured by what is eaten





## COMMUNITY RESILIENCE TO CLIMATE CHANGES

Case study: Lower Bena

- Excerpt from CSCM film “Lukautim graun bilong taim bihain”



## **Our Forests Our Life: Resilience of indigenous crops to covid-19**

Mitigating the impact  
of climate change  
through nature





## FARMER TRAINING ON VIDEO CAMERA

### Farmer workshop: Participatory video

- Farmers use video to document their stories
- Opens up communication channels locally
- Videos for all regardless of literacy levels