





POST-IMPACT ASSESSMENT ON THE IMPACTS OF EARLY ACTION FOR DROUGHT AND HEATWAVE

ADVERSE SOCIETAL IMPACTS

88% irregular body

temperature

96%

dehydration

100%

water scarcity

88%

crop damage

up to 15k BDT

financial losses

MOST IMPACTED SECTORS



AGRICUI TURF



LIVESTOCK



ADAPTIVE STEPS TAKEN TO MINIMIZE LOSS BASED ON THE EARLY WARNING AND ADVISORIES

98% increased frequency of irrigation

used alternate wetting 19% & drying methods

utilized other water-14% saving techniques

98% kept livestock in shaded areas

73% increased drinking frequency

70% used of fans in cowsheds

45% bathed livestocks frequently

43% sprinkled water on roof

99% rested under the trees

99% drank more water

56% bathed frequently

43% focused on dietary changes

TIMELINE OF ANTICIPATORY ACTION INTERVENTIONS

first special bulletin generation

Level 2 Activation

Level 2 Activation Continuation of Level 2 Activation

FEBRUARY

MARCH

APRIL

MAY

Further analysis and observation

Consultation meetings to:

- identify recommended crops

- water conservation technologies

Distribution of droughttolerant seeds and inputs

Continuation of support

·(*****)











WASH Support

Distribution of Drought-Tolerant Seeds & Inputs

Support to Animal Health System

Animal Health Awareness Campaigns Irrigiation System

Unconditional

MOST EFFECTIVE FORMS OF DELIVERING INFORMATION:

94%

45%





37%
Word-of-Mouth



COMMUNITY INSIGHTS

- Early warning information should be understandable, with details on timing, what actions to take, intensity and duration of the event
- Provide as much lead time as possible for the community to take early action (preferably 10-15 days)
- Government or NGO interventions are effective in reducing the impact of heatwaves and droughts

RECOMMENDATIONS AND LESSONS LEARNED



Increase trust and experience of locals in using early warning information



Enhancement of forecast interpretation capacity



Enhancement of the forecast products



Mainstreaming Seasonal to Sub-seasonal Forecast Application



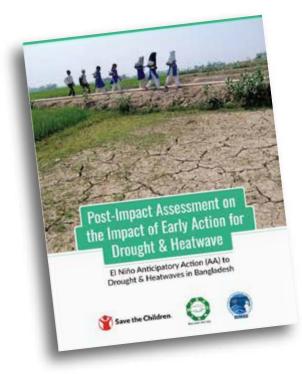
Adaption of multi-timescale and multi-hazard forecast



Capacity building of sectoral departments



Mainstreaming local and National level Early Action Protocol



TO READ THE FULL REPORT,

SCAN THIS OR CODE:



OR GO TO: https://rimes.int/Impact-of-EA-for-Drought-and-Heatwave





