ADAPTING TO CLIMATE CHANGE IN CAMBODIA

Strengthening Climate Information and Early Warning Systems to Support Climate-Resilient Development in Cambodia

Population of Cambodia 1 15.29 million
Total population employed in agriculture 2 30%
Portion of Cambodia’s economy reliant on agriculture, forestry, and fishing 3 22%
Length of coastline 435 kilometres

IMPACTS OF CLIMATE CHANGE ON CAMBODIA

1 General Population Census 2019 https://www.information.gov.kh/detailnews/326112
2 World Bank, 2018 https://data.worldbank.org/indicator/SL.AGR.EMPL.ZS
ABOUT THE EWS PROJECT, 2015 – 2020

Expanded hydro-meteorological monitoring infrastructure
Hydro-meteorological software for real-time monitoring and early warning
Enhanced planning & decision-making

Drought risk management
Improved climate information and forecasts
Government capacity-building
Community awareness and engagement

RESULTS

- Automatic weather stations installed: 24
- Automatic hydro stations installed: 29
- Hydrologists, meteorologists and technicians trained in modelling and forecasting: 29
- Forecast Application for Risk Management (FARM) Field School curriculum developed: 1
- Seasonal forecast system (FOCUS) established: 1
- National climate outlook forums (‘Monsoon Forums’) hosted: 2
- Drought Information Hubs (InfoHubs) established (Kampot, Takeo, Kampong Chhnang, Pursat, Battambang, Kampong Thom, Siem Reap and Kampong Cham provinces): 8
- Trainings conducted for local agricultural cooperative leaders, farmers and partners on drought-resistant agricultural techniques: 68
- International partnerships forged; 4 local partnerships: 5
- Number of women trained in disaster risk reduction and early warning system: 21
- Farmers trained in drought-resistant agricultural techniques: 1,990
- Cambodians reached through extension of phone-based early warning system EWS1294 (in Koh Kong, Sihanoukville, Kampong Cham, Tboung Khmum and Prey Veng): 12,511
- Warned using EWS 1294 system under UNDP partnership in 2019: 46,850
- Children trained during school drills in collaboration ‘Strengthening School Preparedness for Tsunami in Asia and the Pacific’ project: 2,369

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