

Project Work Plan 2023-2025 (NAXA)

Lead Organization Name	NAXA Pvt. Ltd.																		
Project Name	Digital and Spatial Technologies for Anticipatory Action (DASTAA)																		
Project Start Date:	15th December 2023																		
Project End Date	15th February 2025																		
Project Country (ies)	Nepal and Bangladesh																		
Outcome Description	Output Description	Activity Description	2024												2025		Deliverables		
			DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN		FEB	
Outcome 1: Households in flood-prone regions are equipped with improved preparedness measures, enabling them to anticipate and withstand disasters more effectively. Simultaneously, local governments, humanitarian agencies, and relevant stakeholders benefit from the insights provided by DASTAA. This valuable information empowers them to implement better-targeted and tailored programs, fostering a more resilient and adaptive response to potential disasters.	Output 1.1: Inception Report	Activity 1.1.1: Inception meeting with the iCARE project team																Team introductions and team building	
		Activity 1.1.2: Finalization and formalization of partnerships (local and international partnerships)																	MoU signing and partnership formalization among all project partners
		Activity 1.1.3: Comprehensive literature review and desk study, Explore the availability of HH level information																	Preliminary Assessment Report of each local level
		Activity 1.1.4: Finalize data collection protocol and ethical guidelines																	Data Collection Protocol
		Activity 1.1.5: Scoping visit to project locations : kick-off meeting , hiring of local coordinators and collection of relevant secondary datasets																	Understanding of local context: All implementation areas 7 hiring of required human resources at local level
		Activity 1.1.6: Submission of Inception report																	(S-D1) : Inception report with detailed and revised implementation plans
	Output 1.2: System Development and Customization to accurately assess risks and vulnerability in a different geographical setting	Activity 1.2.1: Online workshop including all project partners to understand upgrades required in the software for scaling to proposed locations from different countries																	Preparation of a revised System Requirement Specifications (SRS) document
		Activity 1.2.2: Design of upgraded system mockups and graphical layouts and finalization																	Finalization of design layouts for all additional software features
		Activity 1.2.3: Integration of Weather forecast and near real time observation information																	Forecasting related features added to the upgraded DASTAA platform
		Activity 1.2.4: Customization of DASTAA based on identified features (Multihazard elements related functions, Community vulnerability ranking, public page for mass dissemination, and others)																	Completion of software upgrade of DASTAA as per identified features
		Activity 1.2.5: Release of finalized software version after fixing of bugs																	(S-D2) : Finalized version of upgraded DASTAA platform released after all identified bugs are fixed
	Output 1.3: Household Level Data Collection and Integration into DASTAA platofrm	Activity 1.3.1: Conduct all relevant secondary datasets																	Completion of all secondary data collection related works
		Activity 1.3.2: Organize a mapathon activiites engaging youths from multiple countries of South Asia for the collection of geospatial datasets on Critical Infrastructure																	Development of a community of trained youth mappers
		Activity 1.3.3: Identify and train local youths for data collection activities: Climate Change and DRR Fellows																	Local fellow identified and capacitated
		Activity 1.3.4: Conduct data collection activities:Participatory Rural Appraisal, Field data collection through FGDs, KI, interactions (locals, women, and other disadvantaged groups, vulnerable groups, indigenous communities), HH Survey, multi-hazard related information																	Completion of all primary data collection related works
		Activity 1.3.5: Preparation of Integrated Geodatabase (Spatial as well as datasets)																	(S-D3) : Preparation of field report, a complete and upgraded Geodatabase- one for each project location consisting of all necessary datasets
	Output 1.4: Household Level Risk and Vulnerability Assessment and Validation for tailored Risk Communication	Activity 1.4.1: Identification and Visualization of disaster hotspots, Vulnerability Functions, Exposure and Risk Assessment, Derivation of Thresholds for the disasters like floods and landslides																	#####
		Activity 1.4.2: Identification of Local led Adaptation Activities (Nbs Based adaptation measures)																	Listing of Potential interventions for NbS solutions
		Activity 1.4.3: Report Generation of at-risk-households and communities for Early Action, CSV exports for the SMS Gateway																	List of at-risk households and communities, their contact details for early action, SMS platform for sending tailored bulk sms to the households
		Activity 1.4.4: Monitoring of thresholds and triggers, Generation of Weather Outlook combined with the risk and impact information																	Report of Threshold Monitoring, Daily Generated Weather Outlook report

