Project Work Plan 2023-2025 (IHRR)

Lead Organization Name	**Institute of Himalayan Risk Reduction**
Project Name	**VICTORY: Visualizing the Power of Citizen Science Through Observations and Repository for Anticipatory Action**
Project Start Date:	**12/1/2023**
Project End Date	**2/28/2023**
Project Country (ies)	**Nepal**
Implementing Partners (if applicable):	**S4W Nepal**

Outcome Description	**Output Description**	**Activity Description**	**Timeline (Indicate X to represent the timeline)**																**Deliverables**
			2023		**2024**												**2025**		
			NOV	**DEC**	**JAN**	**FEB**	**MAR**	**APR**	**MAY**	**JUN**	**JUL**	**AUG**	**SEP**	**OCT**	**NOV**	**DEC**	**JAN**	**FEB**	
Outcome 1:	Output 1.1: Inception Report	Acitivity 1.1.1: Inception Meeting with ICARE Team																	Team introductions and team building
		Acitivity 1.1.2: Development and Partnership Formalization with the Local Government and Stakeholders																	MoU signing and partnership formalization among all project partners
		Activity 1.1.3: Scoping visit to project locations : kick-off meeting , hiring of local coordinators and collection of relevant secondary datasets																	Preliminary report
Outcome 1:		Activity 1.1.4: Preparation of Detailed Implementation Plan (DIP)																	Detail Implementation Plan (DIP)
Outcome 1:		Activity 1.1.5: Submission of Inception Report			S-D1														Inception report with detailed and revised implementation plans
Outcome 1:	Output 1.2: Development of upgraded software and hardware systems	Activity 1.2.1: Customizing and Integrating Software Solutions																	Improvisation of existing data collection forms for tracking landslides, flood water depth, rainfall
Outcome 1:		Activity 1.2.2: Developing low-cost hardware products																	Preparation of low-cost and environment friendly soda bottle rain gauge and bamboo staff gauge
Outcome 1:		Activity 1.2.3: Preparation of Citizen Scientist Dashboard				S-D2													Development of web-dashboard to visualize the collected data, reported landslides, road blockage sections, river water level, etc. and leaderboard system to track the contribution of citizen scientists
Outcome 1:	Output 1.3: Field Preparatory Guidelines & Official Launch	Activity 1.3.1: Development of Data Collection Protocol																	Data Collection Protocol and forms in consultation with the stakeholders
Outcome 1:		Activity 1.3.2: Development of Training Manuals for the Citizen Scientists																	Develop the training manuals on the operationalization of the Citizen Scientist.
Outcome 1:		Activity 1.3.3: Preparation for Official Launch at both municipalities					S-D3												Prepare the documentation and preparation for the launch of the Citizen Scientist initiatives at
Outcome 1:	Output 1.4: Completion of all field deployment works	Activity 1.4.1: Building a Network of Citizen Scientists																	Conduct outreach programs in schools/colleges, mapathon and other workshop which ultimate target is to recruit citizen scientists from the institution and local groups
Outcome 1:		Activity 1.4.2: Capacity Building of Citizen Scientists																	Organize a capacity building program to train the citizen scientists about the data collection tools.
		Activity 1.4.3: Orientation and Sensitization at each Ward																	Conduct an orientation and sensitization at the ward level to at least 15 participants at each ward
Outcome 1:		Activity 1.4.4: Transect Walk at the risk prone region																	Conduct a transect walk at various risk prone regions complying with all the safety precautions
Outcome 1:		Activity 1.4.5: Deployment of hardware product (rain gauge and bamboo staff)							S-D4										Finalize the instrumentation location for the deployment of low-cost solutions and distribution of S4W rain gauge to all the citizen scientists to collect regular rainfall data.
Outcome 1:	Output 1.5: Completion of all monitoring works	Activity 1.5.1: Assessing the Hardware Conditions																	Assessing the conditions of the hardware regularly in communication with the Citizen
Outcome 1:		Activity 1.5.2: Communication with the Citizen Scientist																	Develop regular communication channel with all the citizen scientists and track their progresses, challenges and observations
Outcome 1:		Activity 1.5.3: Award and Incentivizing											S-D5						Provide a reward and recognition to the citizen scientists based on their performance such as "Citizen Scientist of the Month", "Highest Submission of the Month" and "Citizen Scientist of the Year"
Outcome 1:		Activity 1.6.1: Quality control and data management																	Assessing the raw data through the citizen scientists by the thematic expert

Outcome 1:	Output 1.6: Completion of Quality control, data management and visualization and its integration with mobile application	Activity 1.6.2: Data Visualization																		Integration of data by citizen science dashboard, auto-generation of outputs and visualization of the information in an interactive Web-GIS environment
Outcome 1:		Activity 1.6.3: Integration with Mobile Application													*S-D6*					Integration and visualization of rainfall and weather data into the mobile application, thus contributing towards the information dissemination and developing a strong foundation for an early warning system
Outcome 1:	Output 1.7: Preparation of Final Report along with final dissemination plans and knowledge documents	Activity 1.7.1: Citizen Scientists Summit																		Conduct citizen scientists meet and celebration to share the learnings, field experiences.
Outcome 1:		Activity 1.7.2: Local Workshop																		Share observations with the municipality team and invite the scientific community to share the importance of data-based decision making
Outcome 1:		Activity 1.7.3: Visualization of the results in the municipalities																		##
Outcome 1:		Activity 1.7.4: Capacitation, Integration, and Handover																		Training to local government and partner organization staff on the operationalization of system, handover of project documents
Outcome 1:		Activity 1.7.5: Submission of the final report																	*S-D7*	Final report submitted to the iCARE project team along with all lesson learned and recommendations