CLIMATE RESILIENT CITIES PROJECT ACTIVITIES UTILIZING CLIMATE CHANGE DATA AND PROJECTIONS

Climate 101 Training

Capacity-building training for local government and non-government stakeholders to understand climate information using climate-adjusted hazard maps to support risk-based local planning

Science and Risk Communications Training

Training for local government communication personnel to understand and appreciate science communication, communicate climate change to vulnerable community members, create locally-relevant communication materials, and devise their own communication plan; Risk communication training also allows them to make community members understand the risks and make informed decisions

Climate and Disaster Risk Assessment Training Workshops

Series of workshops that walk participants through the process of collecting data on local climate change projections, making an inventory of hazard maps, gathering data on historical disaster damage and loss data, and producing a barangay-level hazard inventory matrix

Local Climate Change Action Plan (LCCAP) & Local Disaster Risk Reduction and Management Plan (LDRRMP) Development

Use of climate change projections in analyzing how climate-related hazards such as extreme heat, storms, floods, droughts, and sea-level rise are expected to change in intensity, frequency, and spatial distribution over time; and integration of the projections into vulnerability assessments to identify areas, populations, and infrastructure that are most vulnerable to climate-related hazards in the future, where interventions are directed to

Automated Weather Station Deployment

Use of climate change projections in identifying communities that are particularly vulnerable to climate-related hazards where automated weather stations are deployed, allowing for the collection of real-time data to monitor and assess the impacts of climate change more accurately

Nature Based Solutions Mapping

Use of climate change projections to **inform the assessment of ecosystem services** provided by natural systems, such as carbon sequestration, flood regulation, water purification, and habitat provision and to **map where nature-based solutions can be effectively deployed** to address specific climate-related challenges and maximize co-benefits for biodiversity and human well-being

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