

INTER AMERICAN DEVELOPMENT BANK (IDB) TECHNICAL COOPERATION “HAZARD MANAGEMENT IN URBAN COASTAL AREAS.

1. Program Description

A. Program goal and purpose

- 1.1 The objective of this Technical Cooperation is to strengthen disaster risk management in towns and cities located in coastal areas in Jamaica. Specific objectives include improving coordination among ODPEM, local governments and communities; enhancing parish response capabilities; and providing institutional support to ODPEM.

B. Components

1. Component I: Risk Analysis and Planning. This component includes the production of multi hazard assessments, hazard specific maps, a hazard vulnerability survey for households, organizations and critical facilities, and the development of disaster risk management tools to support planning decisions This component will consist of:

- a. ***Risk Assessment:*** this will be a multi-Hazard assessment including hazard maps using GIS overlay and vulnerability assessment including survey and valuation of critical facilities for 3 major towns – criteria for selection will include: the history of impacts, population, socio-economic characteristics, replicability. (Examples: St Ann’s Bay, Port Maria, Savannah La Mar, Black River).
- b. ***Risk Management Plans:*** consultancy services will develop these plans with strong stakeholders participation through workshops (6 at the local level, 3 regional level, 2 national) and community meetings. These plans will contain a Mitigation and Vulnerability Reduction Plan and Contingency Plans.

2. Component II: Improving Communities’ Resilience

- 1.2 This component includes public education and awareness programs; outreach preparedness programs to work with selected organizations, production of information materials and dissemination events; training of key local personnel in the areas of damage assessment, shelter management, development of community mitigation projects with ample stakeholder ownership. These education and awareness programmes will build on previous initiatives and focus on a comprehensive multi-hazard approach that covers all sectors and phases of disaster risk management - many prior projects were either limited in target audience, geography or adopted a single hazard focus. Local parishes also suffer from staff turn over of key persons such that specialized training in shelter management and damage assessment must be reinforced in order to ensure comprehensive skills coverage amongst parishes.

- a. ***Parish Response and Capacity Building for 10 Parishes¹***: (i) Basic communication equipment consisting of repeaters and hand-held and base radios; (ii) Consultancy services to review the telecommunications plan and provide some basic training to strengthen capacity; (iii) Strengthening of Parish Emergency teams and PEOC management through training, development of protocols, and manuals – communications training will be done as local counterpart by ODPEM staff; and (iv) Outreach programs carried out at two levels: Targeted outreach with organizations such as Chambers, Business sector, marine parks and general outreach for the public.
- b. ***Community Risk Management Plan for coastal areas***: (i) Development of a model and application using consultancy services and training of ODPEM staff; (ii) Develop Community Risk Management Plan for Coastal Areas - performed by ODPEM staff with some occasional support of individual consultant – anticipating 2 communities per parish per year after development of the model and hosting of community workshops; (iii) Promote and Disseminate Plan (informational material and workshops) amongst policy makers and developers; and (iv) Technical assistance to support implementation of Mitigation Projects identified in the Community Risk Management plans.

3. Component III: Institutional Strengthening of ODPEM

- 1.3 This component will finance technical assistance to strengthen ODPEM's capabilities to fulfill its mission as the agency responsible for advancing disaster preparedness and emergency management measures. This component includes:
- a. The review and update of the National Disaster Program and Plan and the development of related policies and actions plans including support to the mainstreaming of Disaster Risk Management in different branches of the economy (productive sectors, health, environmental management, etc).
 - b. Organizational development including a review of the agency's structure, its administrative and human resources manuals and procedures, and general support to all issues related to organizational development.
 - c. Procurement of IT equipment to perform simulation exercises (software and hardware).
 - d. The development of a staff training program and staff training activities related to ODPEM's core responsibilities. Staff from other agencies and government bodies who are involved in Disaster Risk Management can also benefit from this component.
 - e. Improvement of the legal framework and the development of subsidiary legislation and regulations as needed per the provisions of the Disaster Preparedness and Emergency Management Act.

¹ Although Jamaica has 14 parishes, the Parish of Kingston will be included with the activities done for the Parish of St. Andrew.