



### **GFDRR in North Africa: Egypt, Morocco, Tunisia**

Rising sea-level, shoreline erosion and related climate change impacts are increasingly affecting vulnerably situated cities in North Africa. The situation points to a need for extensive disaster risk assessments, enhanced risk monitoring systems and comprehensive action plans. With a \$250,000 grant, the GFDRR is assisting in the development of national risk assessments and monitoring systems, the analysis of property and livelihood damage, the analysis of social and institutional impacts of disasters, the development of potential mitigation measures and actions, and other similar activities.

#### **Assessing Vulnerabilities**



With GFDRR support, three countries of North Africa, namely Egypt, Morocco and Tunisia, are investigating the natural disaster preparedness of select coastal cities within their country. The activity aims to assist the national and local governments of Egypt, Morocco, and Tunisia in assessing and valuing the vulnerability of the coastal cities Alexandria, Casablanca and Tunis respectively, to natural disasters while underlying the synergies with climate change vulnerability. With GFDRR support, the countries are preparing coastal urban vulnerability maps and performing an economic valuation of the potential damage costs and remedial actions.

#### **Developing Preparedness Action Plans**

The information will be used to draw up an action plan for the institutional and urban planning integration of disaster risk management at the national and municipal levels in the selected cities. Countries will develop prioritized preparedness comprehensive action plans that will address urban coastal vulnerability and infrastructure for the three cities and for the urban expansion of the Bouregreg valley between the cities of Rabat and Sale in Morocco. As a result, the study will bring greater national and regional awareness to the coastal urban challenges and set the stage for understanding what coastal urban investments are further required.



#### **Integrating Disaster Risk Reduction with Climate Change Adaptation**



The project is part of an overarching regional study that is assessing and providing recommendations on the climate change vulnerability of the selected cities. The project will integrate and leverage the on-going Climate Change Adaptation of Coastal Cities in North Africa activity, as natural disasters and climate change effects have been presented during the discussions with the counterpart as mutually-reinforcing and set in a continuum. Throughout this span of the project, city representatives, as well as representatives of the technical agencies in charge of risk reduction, emergency interventions and preparedness are and will

continue to be fully involved in the preparation of vulnerability assessments and action plans.