

Component 6: Coastal Vulnerability and Risk Assessment (Barbados, Grenada, and Guyana)

Refinement of Methodology

Completed.

Collection of Information

Most of the information in countries has been collected. There is still some additional hydrological data, which has to be collected in each country, as well as some beach erosion, which has to be collected in Barbados. Maps for Grenada also have to be acquired and digitised.

Vulnerability Assessments

The digitisation of maps and application of models to examine the areas of vulnerability will be completed during the reporting period. Further, infrastructure areas, which could be affected by inundation and erosion as well as analysis of the effect of sea level rise on coastal wells and aquifers and the other freshwater resources of the area will be identified. There will also be an analysis of the effect of sea level rise on critical coastal ecosystems such as coral reefs and sea grasses. Socio- economic analysis will continue to assess the effect that sea level rise will have on activities within those pilot areas under study

Adaptation Analysis

Adaptation options, aimed at reducing vulnerability, will be identified where appropriate, particularly for infrastructure and socio-economic activities. Cross linkages with C4- formulation of adaptation policy will be explored so that the outputs from C6 can be used in the formulation of adaptation policies.

Study tours will occur to the countries to aid in additional data gathering as well as to identify initial adaptation options. Consultants will be hired where appropriate for the adaptation activities and to review the vulnerability assessments.

A sub-regional workshop will be held during July or August 2001 for the purpose of reviewing the outputs achieved under pilot project implementation as well as to share and compare outputs and experiences amongst the participating countries.