



## Survey on the State of Coastal and Marine Water Quality Monitoring Programmes and Determination of Pollutant Loads in the Wider Caribbean Region

*June 2006*

*Please complete the following survey with as much detail as possible and return by email to [villasol@cimab.transnet.cu](mailto:villasol@cimab.transnet.cu) and/or [cimab@transnet.cu](mailto:cimab@transnet.cu) by **July 14, 2006**.*

<b>General Information:</b>	
<i>Country:</i>	
<i>Contact address:</i>	
<i>Homepage:</i>	
<i>Contact person(s):</i>	
<i>Email(s):</i>	
<i>Comments:</i>	
<b>Water Quality Monitoring:</b>	
<i>Does your country currently have a coastal and marine water quality monitoring programme? If yes, is it undertaken nationally or in a few priority areas?</i>	
<i>In what year was the programme established?</i>	
<i>Are there any fixed monitoring stations? How many?</i>	
<i>Where are these monitoring stations located? Do you have the geographic coordinates for these stations? (if possible, produce and attach a map showing monitoring stations).</i>	
<i>What parameters (water quality indicators) are measured?</i>	
<i>Who is responsible for the monitoring and the analysis of the data? What about the management of the data?</i>	
<i>When and how many times a year,</i>	

<i>is monitoring carried out?</i>	
<i>Have any indices ever been developed and/or used in your country to generally describe water quality, based on indicators?</i>	
<i>What guidelines/standards are being applied to the water quality programme (e.g. for the sample collection regime, indicator guidelines/standards, etc.)?</i>	
<i>In many cases, there are a lot of data and reports available through private sector work and consultancy assignments on various projects. This can be an important and reliable source of data in the absence of national water quality programmes.</i>  <i>Could you comment such projects that have taken place in your country in the last 10 years, and specify where the reports are available and which Agencies were involved.</i>	
<b>Land-based Sources of Pollution - Point Sources:</b>	
<i>Does your country have a national database for land-based point sources of pollution?</i>	
<i>If yes, which Agency administers the database? Who is the contact person?</i>	
<i>For how many point sources is data currently available?</i>	
<i>How are point sources classified (per economical sector, per drainage basin, per province, etc.)? How can data be analyzed/extracted from the database?</i>	
<i>Are private sector point LBS monitoring done by the firm or the regulatory Agency? In cases of self monitoring by the firm is the data readily available, how and where?</i>	
<b>Non-point sources:</b>	
<i>Have efforts been made in your country to model non-point sources</i>	

<i>of pollution and/or sedimentation to the Caribbean Sea?</i>	
<i>If yes, what has been done up to now, and by who? Can you provide any comments on the methodologies used?</i>	
<i>If no, are there any programmes in place, or plans, to address issues related to non-point sources of pollution?</i>	
<b>Geographical Information Systems (GIS)</b>	
<i>Is GIS currently used to manage water quality monitoring and/or land-based sources of pollution data in your country? If yes, please describe briefly.</i>	
<i>In which Agency is the GIS database managed? (If possible, please provide a contact person.)</i>	
<b>Data Accessibility and Sharing:</b>	
<i>Are you aware of any constraints in your country that hinders making water quality and/or land-based sources of pollution data available to CEP for analysis and publication? If so, please specify briefly.</i>	
<i>Please indicate the procedure for accessing water quality data from the private or public sector in your country.</i>	
<i>Could you specify what actions might help your country improve issues related to data capture, accessibility and sharing.</i>	
<b>Comments:</b>	
<i>Do you have any general comments regarding the state of the LBS Protocol and/or the water quality monitoring programme in your country?</i>	
<i>Any suggestions to CEP and/or RAC-CIMAB regarding the management of LBS data for the updated version of the Technical Report No. 33?</i>	
<i>Do you have any suggestions for</i>	

<i>what might help improve the national management of the above mentioned issues in your country.</i>	

*Thank you very much for your help and collaboration.*

**UNEP CAR/RCU and RAC-CIMAB**  
**June 2006**