



REPUBLIC OF TRINIDAD AND TOBAGO
Ministry of Planning and Development
FIRST COMPENDIUM OF
ENVIRONMENTAL STATISTICS
TRINIDAD AND TOBAGO



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PREFACE

The compilation of environmental statistics at the Central Statistical Office (CSO) emanated from the training of a Statistician II in Munich, Germany and her subsequent recommendations initiated the collection of environmental statistics. In keeping with the organization's vision and mission of providing "relevant goods and services" and "promoting the adherence to international statistical methodologies and standards" a decision was taken to produce a compendium of environmental statistics. Given the increasing awareness of environmental issues, it was of utmost necessity that Trinidad and Tobago commence the collation of environmental data already existing in the different environmental agencies.

A key environmental agency, the Environmental Management Authority has only been in existence for five years. The CSO was established since 1952 and operates under the legal authority of the Statistical Act Chapter 19:02 of the Revised Laws of the Republic of Trinidad and Tobago (1981). Hence, CSO's role was already defined as facilitator in the collection, collation and publication of the required data. The environmental publications of other Caribbean territories were used as a guide in deciding on which areas to focus.

CSO being the only organization with the legal responsibility for data collection, could have easily implemented the conventional approach – design a questionnaire, make requests to all environmental stakeholders for data sets within a specified time frame, collate data, organise the format for publication – in a relatively short time. This approach would have definitely fulfilled the desired short-term output goal – a compendium of environmental statistics. But, there are additional intrinsic benefits to be derived if the output is accomplished using a more valuable input method. Since the CSO did not have the technical capabilities to work on its own and there was the need to incorporate the technical skills of the wider public and private environment organizations, the process of forming an Environmental Statistics Committee was imperative.

An inaugural meeting of the committee which is made up of a representative of several environmental stakeholder agencies was held on 3rd May, 2004 at CSO. The participants were required to add value to the subject matter as well as be able to take decisions on behalf of their respective agencies. Some agencies also appointed alternates who attended meetings when the nominated participant was unable to attend. The objective was that final output

would be a collaborative national effort and every organization would be able to contribute for the duration of the project. Also, Trinidad and Tobago would now be able to meet the requests of national, regional and international organizations for environmental data.

The environmental committee comprised an interdisciplinary team which consisted of the following disciplines: Forestry Officer, Research Officer, Geographer, Meteorologist, Wetland Specialist, Petroleum Chemist, Social Impact Specialist, Environmental Economist, Environmental Officer, Fisheries Officer, Water Management Specialist, Regulatory Compliance Assistant, Statistician. The CSO wishes to place on record its gratitude for the support of these experts representing several Departments and Ministries. Without their invaluable contribution, this inaugural publication would not have been possible. We look forward to their continued support as we continue our work in this area.

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Central Statistical Office
Port-of-Spain
Trinidad and Tobago
19 September, 2007

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First Compendium of Environmental Statistics
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LIST OF CONTRIBUTING AGENCIES

The Central Statistical Office (CSO) acknowledges the efforts and contributions of the following local, regional and international organizations in the process of preparing the First Compendium of Environmental Statistics for Trinidad and Tobago. These organizations are:

LOCAL:

1. Airports Authority of Trinidad and Tobago, Flight Information Department
2. Buccoo Reef Trust
3. Centre for Caribbean Land and Environmental Appraisal Research (CLEAR)
4. Caribbean Industrial Research Institute (CARIRI)
5. Caribbean Meteorological Organization
6. CAREC
7. Environmental Management Authority
8. Institute of Marine Affairs
9. Land Settlement Agency
10. Meteorological Services Division
11. Ministry of Agriculture, Land and Marine Resources – Planning Division, Fisheries Division, Forestry Division
12. Ministry of Energy and Energy Industry
13. Ministry of Public Utilities and the Environment
14. Ministry of Works and Transport
15. Housing Development Cooperation
16. Ministry of Housing
17. Ministry of Health - Insect Vector Control Division
18. National Emergency Management Agency
19. Solid Waste Management Company Limited

REGIONAL:

20. Tobago House of Assembly
21. CARICOM; General Bureau of Statistics, Suriname
22. Ministry of Planning and Development -Town and Country Planning Division
23. The University of the West Indies, Department of Chemical Engineering,
Department of Surveying and Land Information
24. Trinidad and Tobago Postal Corporation
25. Tourism Development Company (TDC)
26. Water And Sewerage Authority of Trinidad and Tobago / Water Resource
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INTERNATIONAL:

27. United Nations - United Nations Statistical Division (UNSD)

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Dr. Keith Miller	Lecturer, UWI, St Augustine
Dr. Aleah Hosein- Rahaman	Registrar, Insect Vector Control, Ministry of Health

Dr. Philomen Harrison

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Clifford Lewis	Senior Statistician – National Income
Adhar Beepath	Chief Census and Surveys Officer
Andre Blanchard	Statistician II- Economic Statistics
Joseph Lynch	Senior Statistician – Agriculture
Andre Blanchard	Statistician II – Economic Statistics
Harold Wall	Manager - GIS
Marva Williams	Statistician II –National Income
Roger Jugmohan	Statistician II –Agriculture
Robert Latiff	Statistician II –Agriculture
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Economic Statistics

Agriculture

National Income

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Publications Section

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CHAPTER 2: ENERGY AND ECONOMY

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CHAPTER 3: HUMAN SETTLEMENT

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CHAPTER 6: FORESTRY, WILDLIFE AND BIODIVERSITY

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CHAPTER SEVEN: FISHERIES AND AQUACULTURE

The chapter is a collaborative effort of staff of the Fisheries Division of the Ministry of Agriculture, Land and Marine Resources. It was compiled by Lara Ferreira, Fisheries Officer and representative of the Fisheries Division on the Committee of Environmental Stakeholders chaired by the Central Statistical Office (CSO). The chapter was reviewed and input provided by: Ann Marie Jobity, Director of Fisheries; Christine Chan A Shing, Senior Fisheries Officer;

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CHAPTER 10: TRANSPORT

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