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PHASE I REPORT AND PRELIMINARY
PHASE II WORKPLAN FOR JAMAICA
COUNTRY ENVIRONMENTAL PROFILE

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INTRODUCTION

This report briefly summarizes the results obtained in the initial phase of work in preparing a Country Environmental Profile for Jamaica. Under a subcontract with the International Institute for Environment and Development (IIED), Ralph M. Field Associates, Inc. (RMFA) provided guidance and technical support to the staff of the Natural Resources Conservation Department (NRCD), which conducted the sectoral and sub-sectoral reviews.

The objectives of this first phase were to:

- o Prepare an initial inventory of relevant NRCD file materials, reports, and publications pertinent to the various sectors under review;
- o Compile a preliminary statement of issues relevant to each of the sectors;
- o Identify sectors for which consultants would be needed to supplement NRCD staff capabilities.

A related purpose of this first phase was to directly involve NRCD staff in the research work as a means of orienting them to the goals and objectives of the Country Environmental Profile.

Assessment of NRCD's Bibliographic and File Materials

The following section briefly assesses the information resources available within NRCD for each of the sectors:

<u>Sector</u>	<u>Assessment</u>
Forestry	Significant file material is reported to exist in the NRCD library; however, the bibliography cited in the staff report appears small and somewhat dated. Richest data sources are likely to be in other departments of the Ministry of Agriculture such as Forestry and Soil Conservation.

Fisheries	An extensive bibliography is cited, with publications available within NRCD. The Fisheries Division and the two Marine Labs would be other principal repositories. The NRCD are files relatively strong with respect to information on fish kills and pollution; relatively weak on catch statistics and other hard data.
Coastal Areas	The bibliographic and file materials cited tend to be problem or area specific; few island-wide surveys exist although there seems to be a relatively good information base available from a diversity of outside sources.
Wildlife	Although not included with the staff report, an extensive bibliography has been prepared of materials on file at NRCD. NRCD probably is the best source of information on wildlife in Jamaica.
Water and Hydrology	File materials seem adequate, at least for the preparation of an initial paper focusing on problem situations; the bibliographic materials cited appear to be dated (mainly 1970's).
Mining	NRCD has considerable background material on bauxite and peat mining, particularly related to impacts of peat mining in the Black Rive and Negril areas.
National Parks	A few general studies by consultants have been prepared; the files also contain proposals prepared by NRCD staff for establishing national parks in specific locations.
Agriculture	NRCD document resources seem adequate, at least for preparing a "base laying" paper; but systematic information on agriculture, irrigation, etc. must be sought outside the Department.

Recreation & Tourism	NRCD's information tends to focus on particular resource types (e.g., beaches) and problem situations (e.g. pollution). No overview material on recreation and tourism is available.
Natural Hazards	No material on natural hazards is available in NRCD files.
Industry	NRCD's information base focuses on specific pollution and problem situations; no overview of industry structure or trends.
Training	Relatively little hard information exists except for a record of staff training within NRCD.
PVO's	Files consist largely of correspondence, and records of NRCD's liaison activities with PVO's.
Population	NRCD's bibliographic material appears adequate for preparing an initial situation paper.
Urban Infrastructure	No systematic studies on urban infrastructure needs or conditions are available within NRCD.

Statement of Issues and Need for Consulting Assistance

NRCD staff also prepared issue statements for each of the sectors listed in the preceding section. As to be expected, the quality of the statements vary considerably. Those sectors that are within NRCD's traditional purview, such as "wildlife", turned out to be very good and, with little additional work, could provide a basis for charting the nature of on-going work. Other issue statements (natural hazards, for example) contained little of value. These papers are now available within NRCD, and the individual sectoral findings need not be repeated here. What is indicated below are the sectors for which outside consultants will be needed. This determination was made in consultation with Beverly Miller, Principal Director of NRCD, and Paul Carroll, a senior NRCD staff member.

<u>Sector</u>	Lead Role	
	<u>NRCD*</u>	<u>Consultant</u>
Forestry		X
Fisheries		X
Coastal Areas	X	
Wildlife	X	
Water and Hydrology		X
Mining		X
National Parks		X
Agriculture		X
Recreation and Tourism		X
Natural Hazards		X
Industry		X
Training		X
PVO's	X	
Population		X
Urban Infrastructure		X

* In all cases NRCD staff will provide a support role.

Preliminary Work Plan for Phase II

The first major task of Phase II will be the preparation of a detailed work plan and schedule. A preliminary phase two work plan is presented below as an initial start in this direction.

<u>Major Activity and Work Task</u>	<u>Approx. Start</u>
1.0 Work Programming and Scheduling	March 1
1.1 Technical Studies	
1.2 Policy Documents	
1.3 Public Participation	

2.0	Formalization of Administrative, Budgetary and Subcontracting Procedures	March 1
2.1	Contracting	
2.2	Disbursements, etc.	
3.0	Formation of Citizens Advisory Group	May 1
4.0	Preparation of Sector Profiles	March 15
4.1	Data inventory	
4.2	Analysis of findings	
4.3	Testing of sectoral interrelationships	
4.4	Preparation of final profile reports	
5.0	Program and Project Development	June 1
5.1	Costs and benefits	
5.2	Other constraints	
6.0	Implementation Procedures	July 1
6.1	GOJ agencies	
6.2	Private sector	
6.3	International donor agencies	
7.0	Design of Environmental Policy Statement	August 1
8.0	Draft Final Report	September 1
9.0	Review and Comment	January 1
10.0	Report Modification	February 1
11.0	Submission of of Final (Camera-ready) Report	February 28