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PD-AAS-981



**AGENCY FOR
INTERNATIONAL
DEVELOPMENT**

ANNUAL BUDGET SUBMISSION

FY 1983

**DEVELOPMENT SUPPORT BUREAU
FORESTRY, ENVIRONMENT AND NATURAL RESOURCES**

JUNE 1981

UNITED STATES INTERNATIONAL DEVELOPMENT COOPERATION AGENCY
WASHINGTON, D.C. 20523

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1.

STRATEGY STATEMENT
of the
OFFICE OF FORESTRY, ENVIRONMENT AND NATURAL RESOURCES
BUREAU FOR DEVELOPMENT SUPPORT

I. Perspective on World Environmental and Natural Resource Problems

The environmental and natural resource problems of developing countries are now the object of global concern. The common acceptance of this state of affairs is a rather significant phenomenon when you consider that about ten years earlier there was little evidence among AID clientele countries that these issues deserved so much attention. In 1971 the Office of Science and Technology canvassed our overseas Missions to identify the most serious environmental problems in their host countries and it was found that the countries were preoccupied with the development of their natural resources unhampered by environmental considerations. To the extent that any thought was given to the environment it appeared to be limited to the concern that the social and economic costs of environmental protection may very well outweigh the benefits.

In the following year, a group of the developing country delegates at the United Nations Conference on Human Environment in Stockholm confirmed the findings of the survey conducted by the Office of Science and Technology. In the words of the United Nations report on the Conference, it was stated that the "Developing countries could ill afford to put uncertain future needs ahead of their immediate needs for food, shelter, work, education and health care....The urgent task facing mankind was to solve these immediate and formidable problems. The priority of developing countries was development. Until the gap between the poor and rich countries was substantially narrowed, little progress could be made in improving the human environment."

As the decade of the 70s evolved, one developing country after another came to the realization that a strong relationship existed between environmental and natural resource management and development. As the 1979 Report to Congress on Environmental and Natural Resource Management in Developing Countries pointed out, the developing world began to understand that "if the material circumstances of the world's poorer peoples are ever to be improved in the long term, ways will have to be found to husband the fragile natural resources upon which their well-being depends."

The culmination of this concern was expressed in the Global 2000 Report to the President in 1980. This Report, issued on July 24 by the Department of State and the Council on Environmental Quality, was the U.S. Government's analysis of probable changes in world population, resources and environment through the end of the century. The Report indicated the potential for progressive impoverishment of world resources and degradation of the global environment--if present trends and policies continue. Unless the nations of the world take prompt decisive action to alter the trends, the Report concluded, the next 20 years will see a decline in the earth's capacity to support life while rapid population growth continues; a steady loss of crop-lands, fisheries, forests, plant and animal species; and degradation of the earth's water and atmosphere.

II. AID's Growing Response to Developing Countries in Environment and Natural Resources

A. Legislative Base

The Global 2000 Report to the President identified the problems; it did not attempt to find solutions. AID, through its activities, however, has been trying to solve them. Program investments in this area have been growing starting with the late 70s and into the 80s. They were, in part, prompted by the 1972 United Nations Conference on the Human Environment in Stockholm, Sweden; the UN Water Conference in Mar del Plata, Argentina and the UN Conference on Desertification in Nairobi, Kenya, both in 1977; and the series of amendments to the Foreign Assistance Act of 1961. The latter are referenced as follows: Sec. 118(1977); Sec. 102(1978); Sec. 103(1978); Sec. 118(1978); Sec. 119(1978); Sec. 119(1979); and Sec. 103(1979).

These amendments direct AID to furnish assistance for developing and strengthening the capability of less-developed countries to protect and manage their environment and natural resources, including the maintenance and restoration of the land, vegetation, water, wildlife, and other resources upon which depend economic growth and well-being, especially that of the poor. Forestry and soil conservation are to receive special attention. Concern for the impact on the environment of AID's development actions was expressed, thus requiring environmental assessments, and further studies were called for to identify major environmental and natural resources problems. Attention was directed to the potential for renewable energy sources for rural areas, including research on the use of wood. Finally, the most explicit authorization was given to AID to provide bilateral assistance to deal with forest resource depletion and associated soil and water resource deterioration.

B. AID Program Guidance

The translation of the growing worldwide attention to environmental and natural resources problems and these legislative directions into internal AID program guidance was accomplished by the issuance of three Policy Determinations (PD): PD-57 of January 12, 1973 - Selected Aspects of Science and Technology; PD-63 of August 1, 1975 - Environmental Aspects of Development Assistance; and PD-74 (of April 15, 1981) - AID Forestry Programs and Policies.

PD-57 recognized that improved LDC capabilities for assessing the location and nature of their natural resources and for determining how these resources can best be managed is of great importance for development. It guided AID's attention to determining faster, cheaper and more effective techniques for identifying and appraising natural resources as well as to improved techniques for managing natural resource development, including integrated land use planning, renewable resources and pollution abatement and control. Emphasis was put on opportunities to advance the knowledge base for environmental protection.

PD-63 established AID policy to assist in strengthening the indigenous capabilities of developing countries to appreciate and evaluate the potential environmental effects of proposed development strategies and projects; and to select, implement, and manage effective environmental protection measures. Furthermore, AID would also ensure that the environmental consequences of proposed AID-financed activities are identified and considered by AID in collaboration with the host country prior to a final decision to proceed, and that appropriate environmental safeguards are adopted.

PD-74 signals the importance of forestry in developing countries and the need for forestry programs. It clearly establishes that AID is prepared to offer support to developing countries to assist them in addressing the broad range of problems associated with deforestation. It recognizes that the task will require resources beyond the capacity of AID to provide. Thus, it is essential that AID's bilateral assistance be associated with the mobilization of community and national resources within the host country itself. Complementary assistance from other organizations is important and collaborative opportunities should be explored wherever possible.

C. AID Program Support Activities

The AID investment in forestry, environmental and natural resource activities appears to correlate well with the attention being given to these concerns in international fora and by the Congress. Comparing the funds devoted to this area between FY 1978 (Actual) and FY 1981 (Estimate), we note an investment increase from about \$13 million to \$108 million, or slightly more than an eightfold rise. The Agency's request for FY 1982 totals \$153 million reflecting an elevenfold rise since FY 1978.

III. The Office of Forestry, Environment and Natural Resources

A. Background

In a memorandum of June 9, 1980 to the Assistant Administrators of the Regional Bureaus, PPC and PDC, with a copy to the Administrator, AA/DS requested their views on the possibility of transforming the Office of Science and Technology (DS/ST) into a new Office of Forestry, Environment and Natural Resources.

The rationale that was cited for such a reorganization included the need for an increase in the technical assistance available to Agency programs in the environment and natural resources areas, especially in forestry. It was suggested that other responsibilities currently charged to the Office of Science and Technology, which are not integrally related to environment or natural resources, should be transferred within the Bureau so that they could be managed in conjunction with allied activities (i.e., small enterprise and capital savings technology responsibilities would be shifted to the Small Enterprise and Employment Unit; the science policy and institution-building program would be assigned to a Staff Specialist for Scientific Affairs attached to the Office of the Deputy Assistant Administrator for Development Technology).

Office and program reviews in the FY 1982 ABS cycle provided the principal fora for Agency comment on the proposed reorganization. In general, there was agreement on the need for a centrally funded and managed portfolio of projects in the environment and natural resources areas.

B. Office Organization

The new Office was formally approved on January 8, 1981 with the following basic structure: a Director, a Program

Analyst and two divisions: a Forestry Division and an Environment and Natural Resources Division. A total full-time ceiling of 13 positions had been authorized made up of 10 professionals and 3 secretaries. In addition, 5 part-time positions (2 professional and 3 secretarial) and 2 IPA positions were included in the staffing pattern. The ongoing exercise in the Agency accommodating to revised personnel targets will obviously have an impact on approved staffing plans. The organization and staffing chart on the next page provides the details on position titles and present incumbents.

C. Office Strategy

1. Evolution

Prior to defining the Strategy Statement for the new Office, we decided to enlighten the process through a series of discussion seminars, first with experts in the relevant fields and then with the interested staff in each of the Regional Bureaus. In addition, we reviewed the CDSS documents.

a. Expert Discussions Seminars

During the last two weeks of January 1981, the Office in collaboration with the National Academy of Sciences sponsored three discussion seminars in each of the three major areas of specialization of the Office: Remote Sensing, Forestry and Environment and Natural Resources.

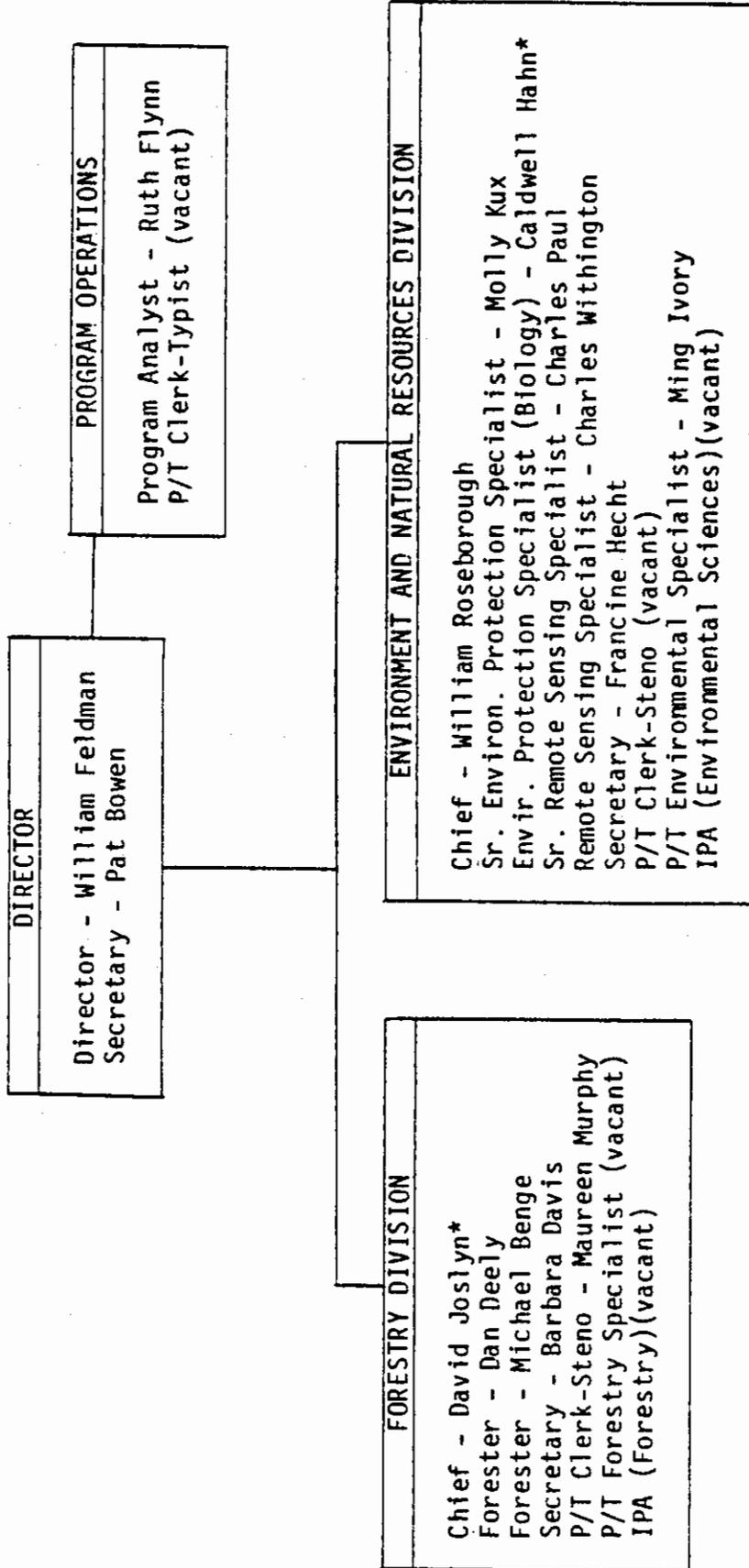
These discussions provided a valuable mix between highlighting substantive areas of concern for AID and DS/FNR and the strategy the Office should pursue in responding to the priorities expressed. Detailed information on these sessions has been made available to the Regional Bureaus, PPC and relevant offices in DSB.

b. Meetings with Regional Bureaus

After the illuminating exchanges the Office conducted with the experts and other interested participants, initial meetings were held with each of the Regional Bureaus during the second week of February 1981. Follow-up reviews were concluded by the end of April 1981. The purpose of these meetings was to elicit a better understanding of each Bureau's support needs, both in terms of substantive areas of emphasis and mode of support relationships. The exchanges were open and constructive and helped to fashion the character of the strategy of the Office.

DEVELOPMENT SUPPORT BUREAU

Office of Forestry, Environment and Natural Resources (DS/FNR)



*in process

c. Review of FY 1983 CDSS Submissions

As part of this exercise, we examined our earlier conclusions resulting from a similar review of the FY 1981 and FY 1982 CDSSs. We note a growing emphasis on subject matter concerns that are of interest to the new Office of Forestry, Environment and Natural Resources.

Obviously, the stress given to different aspects of environmental degradation and natural resource management varies considerably from region to region and country to country. The Agency's resources are inadequate under present and foreseeable circumstances to respond to all of the program initiatives suggested. However, it is satisfying to note that the Office's present portfolio and its plans for the future starting in FY 1983 are compatible and mutually reinforcing.

2. The Office Program Strategy Statement

World population growth, deterioration of the environment and the declining availability of the earth's natural resources threaten the economic welfare of all nations. The changes in croplands, rangelands, forests, watersheds and coastal areas in many areas of the world have already placed in doubt their ability to sustain future population growth. These global problems, especially in the developing world, are beginning to directly affect the U.S. and other industrialized nations.

The developing world lacks the technical capacity to assess the impact of the degradation of its environment and natural resources and the technical and institutional mechanisms to reverse the present trend. AID continues to address the problems generated by this situation and the Development Support Bureau (DSB) for its part provides resources-- information, expertise, technologies--to strengthen this program effort of the Agency. DS/FNR operates within the DSB framework in coordination with other relevant Offices in DSB, such as the Offices of Agriculture, Energy, Rural Development and Development Administration, and Engineering.

The goal of the Office of Forestry, Environment and Natural Resources in the broader context of the DSB role is to support the Agency's operational program by helping the developing clientele countries address their problems of environmental and natural resource deterioration; and by assisting the LDCs manage their natural resource endowment for productive use, including vegetation, water, wildlife, watersheds, coastal zones, minerals, forests and other resources essential for their economic growth and well-being.

The objectives of the Office derived from that goal are to:

- Promote a greater understanding and appreciation of the problems of environment and natural resource degradation among our Missions and host country personnel in order to encourage a program response.
- Develop and strengthen the LDC capacity to protect their environment and productively manage their natural resources, especially as it reflects a sensitivity to the needs of the poor.
- Encourage an awareness among our Missions and LDC clients of the environmental consequences of development activities.
- Enlarge the knowledge base in the fields of environment and natural resources management in order to improve program and project initiatives of our Missions in these areas.
- Apply remote sensing technology to natural resource issues in order to generate data that can be applied to the diagnosis and solution of problems in these areas.
- Focus attention and stimulate action among our clientele that take into account the importance of the planning and public policy considerations essential to successful impact in these areas.
- Establish linkages with other elements of the donor community in order to mobilize a more coordinated response in helping our Missions and the developing world cope with the problems.
- Elevate awareness of natural resources management and development problems in international fora, and join with international organizations in mobilizing an attack on global problems such as tropical deforestation, coastal zones, genetic resources, and water resources management.

To realize the goal and objectives of the Office, we will continue to: undertake both project and non-project activities in program areas relevant to the management of environmental and natural resource concerns; fashion our support to the Regional Bureaus and Missions to optimize our resources and maximize our impact; and design our efforts in accordance with a range of modalities that best fit the nature of the activity. These elements of the strategy will be elaborated under the headings of Program Areas of Interest, Nature of Support and Modes, respectively.

a. Program Areas of Interest

The following list of program areas of interest are reflected in completed and ongoing activities of the Office and, perhaps more significantly, project future fields of emphasis that require attention.

- remote sensing as applied to natural resources analysis in, for example, agriculture, forestry, minerals, fossil fuels, water resources, cartography and environmental pollution.
- public policy and planning processes as they involve, for example, land use management and preservation and forest reserves.
- reforestation of degraded soils in depleted and degraded areas.
- ecological and biological understanding of undisturbed lands and preservation of genetic resources.
- management of coastal resources.
- desertification.
- tropical deforestation.
- impact of transnational pollution, waste dumping practices and control of hazardous materials.
- rangeland management and conservation.
- agroforestry cropping management systems.
- forestry production strategies to address fuelwood and charcoal needs.
- catchment protection and watershed management.
- water resources management.
- local small-scale forestry and forest-related enterprises and employment.
- conservation and management strategies in environment and natural resources.
- legal, regulatory and institutional aspects of natural resources management and environmental protection.
- natural resource inventories and environmental baseline data.

b. Nature of Support

The Office's major focus is on operational field programs and it will use its resources to increase the effectiveness and efficiency of those programs. To the extent possible, it will make the specialist skills in the Office available to the Regional Bureaus and the Missions either from its direct-hire staff or from the extended human resource and institutional support put in place through its project activities and other linkages.

The project and non-project activities of the Office will be fashioned to satisfy basic and continuing needs of our field Missions and their host countries. Such efforts include, for example, creating a network of institutions and experts that respond to the demand for such support in the environmental and natural resource sciences and providing core training materials (syllabi, audio-visuals, etc.) that can be incorporated into the curricula of U.S. and LDC training institutions for upgrading foreign national competence in this area.

In addition, the portfolio of the Office will include projects innovative in nature whose purpose will be to generate new information and new applications to advance the state-of-the-art. With success in such an undertaking, we anticipate that such findings can then be applied to Mission programs and continue if needed within the portfolio of the Office as part of its core support activities. Some examples are an applied research effort to provide new approaches to remedy the degradation of deforested lands and a series of initiatives to determine the causes and extent of environmental and natural resources problems in coastal areas and provide a resource base to help solve those problems.

c. Modes

An important element of the Office strategy deals with the manner in which the Office's activities are designed to make them relevant to Regional Bureau, Mission, and host country needs. Each effort, whether project- or non-project-oriented, will have its unique mode characteristics. The array that the Office will emphasize includes the following:

- Planning Assistance: A great deal of emphasis is placed on small-scale, grassroots-level activities in environment and natural resources to the exclusion of the role of top down contributions. More macro concerns must be dealt with in order to create a receptive environment at the local level for such an effort. Planning and other elements at the national level, such as forestry law, environmental law, taxation, and land tenure, should be addressed in addition to technical site-specific concerns.

- Information Aggregation and Dissemination: The program will promote activities that package information about environmental protection and natural resources management for the education of Agency and LDC personnel. An improved knowledge base will have a positive impact on the design and implementation of AID projects and on the entire LDC involvement in relating environment and natural resource considerations to development.
- Applied Research: The Office will sponsor applied research initiatives. They will include demonstration research programs conducted in the LDCs by U.S. and developing country experts and adaptation research that applies existing technologies and equipment in developing countries.
- Institution Building: Activities in environment and natural resources programs should ensure efficient and continuing utilization of both acquired data, scarce financial resources and trained manpower through the creation of "model" institutions or the reorganization and strengthening of existing resource agencies.
- Technical Assistance: The Office will provide technical assistance support in its portfolio both from direct-hire staff and/or from competent experts and institutions from a worldwide network that it is developing.
- Training: The Office places major importance on efforts that provide opportunities for improving the ability of both AID and LDC personnel to perform as professionals in these fields. It will foster in its portfolio not only activities that actually train individuals but also those that develop and provide training materials (syllabi, teacher's guides, etc.) for use in the training process. Training at all levels (policy makers, resource managers, technicians) is needed. Emphasis should be on on-site training in the developing countries whenever practical. In certain instances, training in the U.S. is warranted, especially when it is focused on training counterparts who return to train others.
- Linkages with Internal and External Organizations: These arrangements will be sought as highly desirable. They include other offices of DSB and the other Agency bureaus and Missions; the private industrial and non-profit sector (e.g., corporations in the forestry business, NAS, etc.); other U.S. Government agencies (e.g., State, USDA, interagency task groups, etc.);

participation on U.S. delegations for UN meetings (e.g., New and Renewable Sources of Energy, UNISPACE, etc.); and other multilateral and LDC institutions. Programs need not be tied to the programs of other donors.

- Remote Sensing: Work in remote sensing to advance the state-of-the-technology for its own sake has merit but the emphasis in the Office will be to link the technology with problem areas of priority in the Agency. These would include agriculture, forestry, water resources mapping, mineral exploration, cartography coastal resources, and monitoring of environmental pollution. It also has applicability to the evaluation of other Agency activities such as the impact of feeder roads, irrigation works, rural electrification and changes in land-use patterns.

D. Program for FY 1983

1. Background

Before the new Office was officially launched and an explicit strategy statement was framed, the projects in the environment and natural resources area were designed to put in place a core support program that would address basic and continuing needs of our field Missions and host countries. These projects include: Environment and Natural Resources: Expanded Information Base; Environmental Planning and Management; Forest Resources Management; and Natural Resources Management Training. These projects provide a human and institutional resource service to support Mission and host country needs in these areas and also offer training opportunities to less-developed country planners, economists, scientists and other technicians in natural resources management.

With this fundamental base of support on track in various stages of project development, we are now in the process of starting more specialized and innovative initiatives that are relevant to Regional Bureau, field Missions and less developed country needs. These projects include: Man and the Biosphere (II); Reforestation of Degraded Soils; Water Resources Assessment and Management; and Tree Seed Production.

All the projects mentioned above are either ongoing or we plan to initiate them prior to the beginning of FY 1983 and, therefore, (except for one new project in FY 1983--Coastal Resources Management) represent the continuing portfolio of the Office for FY 1983 and beyond.

2. Decision Packages - FY 1983

a. Minimum Decision Package

At the Minimum level, the Office proposes to continue the funding of five (5) ongoing projects for a total of \$2.5 million. Their titles and the fiscal years they were started are: Forest Resources Management (1980); Environment and Natural Resources: Expanded Information Base (1979); Environmental Planning and Management (1981); Man and the Biosphere (MAB) II (1982); and Natural Resources Management Training (1982).

Except for MAB II, they represent the essential primary support effort of the Office. MAB II, on the other hand, moves the portfolio into a more innovative applied research mode.

b. Current Decision Package

At the Current level, the Office continues the FY 1982-initiated Water Resources Assessment and Management project and adds the only new project in the FY 1983 portfolio--Coastal Resources Management. Although this project was included in the FY 1982 ABS, adequate funding was not available to launch it. We were encouraged by the unanimity of support given to the project by all of the Regional Bureaus. An additional \$1 million would be required for this Current Decision Package.

c. Proposed Decision Package

At the Proposed level, \$500,000 is added for the Reforestation of Degraded Soils project which was initiated the previous year (FY 1982). These funds enable us to reach the projected life-of-project level of \$6 million.

TABLE III - PROJECT OBLIGATIONS BY APPROPRIATION ACCOUNT
 FY 1981 TO FY 1983 (\$ THOUSANDS)

OFFICE : DS/FNR

APPROPRIATION ACCOUNT - FN

PROJECT #	PROJECT TITLE	FY 1981 OYB-REVISED	FY 1982 REVISED	FY-83 MINIMUM	FY-83 CURRENT	FY-83 PROPOSED	Page #
936-4081.	REFORESTATION OF DEGRADED SOILS	\$0	\$580	\$0	\$0	\$500	19
936-5500.01	MAN & BIOSPHERE (MAB) II	\$0	\$0	\$300	\$300	\$300	20
936-5518.	COASTAL RESOURCES MANAGEMENT	\$0	\$0	\$0	\$500	\$500	22
936-5519.	FOREST RESOURCES MANAGEMENT	\$0	\$900	\$900	\$900	\$900	23
936-5540.	WATER RESOURCES ASSESSMENT AND MGT	\$0	\$75	\$0	\$500	\$500	25
936-5541.	TREE SEED PRODUCTION SUPPORT	\$0	\$225	\$0	\$0	\$0	26
TOTALS FOR FN		\$0	\$1,780	\$1,200	\$2,200	\$2,700	

APPROPRIATION ACCOUNT - SD

PROJECT #	PROJECT TITLE	FY 1981 OYB-REVISED	FY 1982 REVISED	FY-83 MINIMUM	FY-83 CURRENT	FY-83 PROPOSED	Page #
931-1209.	ENVIRONMENT NATL RES EXP INFO BASE	\$300	\$420	\$250	\$250	\$250	18
936-5500.	MAN & BIOSPHERE (MAB) II	\$0	\$300	\$0	\$0	\$0	20
936-5517.	ENVIRONMENTAL PLANNING & MANAGEMENT	\$200	\$500	\$650	\$650	\$650	21
936-5519.01	FOREST RESOURCES MANAGEMENT	\$500	\$0	\$0	\$0	\$0	23
936-5534.	NATURAL RESOURCES MANAGEMENT TRAINING	\$0	\$250	\$400	\$400	\$400	24
TOTALS FOR SD		\$1,000	\$1,470	\$1,300	\$1,300	\$1,300	

* * OFFICE TOTAL: \$1,000 \$3,250 \$2,500 \$3,500 \$4,000

AID PROGRAM IN FY 1983
 ANNUAL BUDGET SUBMISSION
 TABLE IV - PROJECT BUDGET DATA
 BUREAU FOR DEVELOPMENT SUPPORT

PROJECT NUMBER AND TITLE	G	79	79	1400	1400	914	914	ESTIMATED U.S. DOLLAR COST (\$000)					FUT YR ITEM	
								FY 80	FY 81	FY 82	FY 83	FY 84		FY 85
OBLIG DATE	LINE	PIPE-	EXPEND-	EXPEND-	EXPEND-	EXPEND-	EXPEND-	EXPEND-	EXPEND-	EXPEND-	EXPEND-	EXPEND-	EXPEND-	
L INIT FIN	AUTH	PLAN	ATTIONS	ATTIONS	ATTIONS	ATTIONS	ATTIONS	ATTIONS	ATTIONS	ATTIONS	ATTIONS	ATTIONS	OBLIG	
													OBLIG	
AGRICULTURE, RURAL DEV. AND NUTRITION														
9311224														
	G	79	79	1400	1400	914	914							232
9364081														
	G	82	87	6000	6000		580	300	500	800	1000	1050	2070	48
9355500														
	G	82	86	1700	1700		300	400	500	400	500	500		428
9365518														
	G	83	86	2500	2500		500	500	500	500	650	850		229
9355519														
	G	80	87	2430	4530	630	630	900	900	400	400	400	400	228
9365540														
	G	82	87	4000	4000		75	500	1000	1000	1200	225		429
9365541														
	G	82	82	225	225		225	100						430
APPROPRIATION TOTAL 3830 20355 1540 1544 1780 1350 2700 3100 4000 3550 4000 2695														
SELECTED DEVELOPMENT ACTIVITIES														
9311113														

PROJECT NUMBER AND TITLE	OBLIG DATE	TOTAL COST AUTH	PLAN	PIPE LINE	ESTIMATED U.S. DOLLAR COSTI (\$000)										FUT YR ITEM NO				
					FY 80 OBLIG. ACTIONS	FY 1981 EXPEND. ITURES	FY 1982 EXPEND. ITURES	FY 83 APPL	FY 84 OBLIG	FY 85 OBLIG	FY 86 OBLIG	FY 87 OBLIG	FY 88 OBLIG	FY 89 OBLIG					
9311209	G 77 80	700	700	300	---	200	---	---	---	---	---	---	---	---	---	---	---	---	235
			ENVN NATURAL RESOURCES EXP INFO BASE																
	G 79 83	2173	2260	710	300	600	420	700	250	---	---	---	---	---	---	---	---	---	234
9311223	G 77 79	3375	3375	487	---	487	---	---	---	---	---	---	---	---	---	---	---	---	233
			ENHANCING S AND T CAPABILITIES OF LDOS																
9365500	G 82 86	---	300	---	---	---	300	200	---	---	---	---	---	---	---	---	---	---	231
			MAN AND BIOSPHERE (MAB) II																
9365517	G 81 84	---	1850	---	200	100	500	400	650	500	---	---	---	---	---	---	---	---	230
			ENVIRONMENTAL PLANNING AND MANAGEMENT																
9365519	G 80 87	1270	770	770	500	170	---	400	---	---	---	---	---	---	---	---	---	---	227
			FOREST RESOURCES MANAGEMENT																
9365534	G 82 85	---	1500	---	---	---	250	200	400	400	400	450	---	---	---	---	---	---	226
			NATURAL RESOURCES MANAGEMENT TRAINING																
		APPROPRIATION TOTAL	7523	10755	2470	1000	1557	1470	1900	1300	900	450	---	---	---	---	---	---	
		OFFICE TOTAL	11353	31110	4010	1000	3101	3250	3250	4000	4000	4000	4000	4000	4000	2695	---	---	

TABLE V - FY 1983 PROPOSED PROGRAM RANKING

05/12/81

OFFICE 032 DS/FNR

RANK	DECISION PACKAGES/PROGRAM ACTIVITY	TERM/ NEW/ CONT	LOAN/ GRANT	APPROP ACCT.	PROGRAM FUNDING (\$000)		W O R K F O R C E USDH		F N D H INCR CUM		ITEM	
					INCR	CUM	INCR	CUM	INCR	CUM		
DECISION PACKAGE - MINIMUM												
1	9361494							152	152			2966
2	9365519	C	G	FN	900	900			152			2967
3	9311209	C	G	SD	250	1150			152			2968
4	9365517	C	G	SD	650	1800			152			2969
5	9365500.01	C	G	FN	300	2100			152			2970
6	9365534	C	G	SD	400	2500			152			2971
DECISION PACKAGE - CURRENT (30)												
7	9365540	C	G	FN	500	3000		12	164			2973
8	9365518	N	G	FN	500	3500			164			2972
DECISION PACKAGE - PROPOSED (50)												
9	9364081	C	G	FN	500	4000	66	230				2974

MCK 5/1/81

TITLE: Environment and Natural Resources:		FUNDS: Selected Development Activities		PROPOSED OBLIGATION (in thousands of dollars)		LIFE OF PROJECT	
Expanded Information Base		Funded Programs, p. 197		FY 83	250	ESTIMATED FINAL OBLIGATION	2260
NUMBER 931-1209	NEW <input type="checkbox"/> CONTINUING <input checked="" type="checkbox"/>	PRIOR REFERENCE	FY 1981, Annex V, Centrally	INITIAL OBLIGATION	FY 79	ESTIMATED OBLIGATION	FY 83
GRANT <input checked="" type="checkbox"/> LOAN <input type="checkbox"/>							ESTIMATED COMPLETION DATE
							FY 84

Purpose: To provide A.I.D. which improved information on environmental protection and natural resources management issues related to development in IDCs.

Background and Progress to Date: More up-to-date information and better knowledge are needed about natural resources and how they can best be managed. Increasing population pressures, soil erosion and deforestation are causing decreases in agricultural production and energy resources and adversely affecting human health. This project was initiated in FY 1979 to provide more and better information for use by A.I.D. and other development agencies to design environmentally sound projects. This project consists of four categories: 1) state-of-the-art Review Papers, 2) Case Studies, 3) Project Design Aids, and 4) dissemination of the results of the three previous categories through regional workshops and publications. Activities and topics of specific inquiry that are ongoing include:

Review papers: (initiated in FY '80 and FY '81)

- A review and analysis of methods for conducting natural resource and environmental surveys.
- A study of different legal, regulatory and institutional approaches to the conservation and management of natural resources and the environment.
- A review of methods for collecting environmental baseline data.
- A review of selected ecological problems in the humid tropics.
- A projection of future regional natural resource scarcities and environmental degradation.

Case studies in IDCs: (initiated in FY '82)

- Integrated resource planning, development and management.
- Public involvement in environmental protection.
- Governmental response to pollution and conservation problems.

Host Country and Other Donors: A number of international agencies, such as the World Bank, the Inter-American Development Bank, the United Nations Educational, Scientific and Cultural Organization, will cooperate in sharing their knowledge in this area by participating in workshops sponsored through the project.

Beneficiaries: The standard of living of the poor majority will be improved if IDC planners use the information and materials resulting from this project to design and manage environmentally sound programs.

FY '83 Program:
Initiate selected project Design Aids for development activities such as:

- Agricultural systems in the humid tropics.
- Integrated natural resources management.
- Rangeland management and conservation.
- Rained farming systems in different climatic regions.

Major Outputs:

Review Papers	5
Case Studies	3
Project Design Aids	4
Regional Workshops	4
Special Publications and Translations	13

A.I.D. Financed Inputs:
Personnel (60 person-months) 175
Other 75
Total: 250

U.S. FINANCING (in thousands of dollars)

	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1980	1290	580	710		Department of the Interior and subcontractors
Estimated Fiscal Year 1981	300	600	410		
Estimated through September 30, 1981	1590	1180			
Proposed FY 1982	420	700	130	10/1/81 - 10/1/82	
Estimated through Fiscal Year 1982	2010	1880			
Proposed FY 83	250			10/1/82 - 10/1/83	
			Estimated Total Cost		
			2260		

PROGRAM: Centrally Funded PROJECT MANAGER: Michael Bengé

ACTIVITY DATA SHEET

REFORESTATION OBLIGATION: 500

ESTIMATED OBLIGATION OF PROJECT: 6,000

ESTIMATED COMPLETION DATE: FY 88

INITIAL OBLIGATION: 500

ESTIMATED FINAL OBLIGATION: 500

ESTIMATED COMPLETION DATE: FY 87

Purpose: To develop, test and demonstrate more effective methods to reforest unproductive marginal lands with degraded soils and to provide technical advisory services to ongoing and planned USAID and host government reforestation programs.

Background and Progress to Date: This is a new project designed to develop, test and demonstrate nursery production and reforestation technologies primarily applicable to tropical areas utilizing fast-growing tree/plant species. Simultaneously, technical assistance and training services will be provided to host government institutions involved in reforestation activities. The object of this project is to evaluate and develop capital saving technologies, which will reduce reforestation project costs by lowering tree seedling mortality incidence, by accelerating establishment rates and by increasing the growth rates of newly planted trees. This will be accomplished by testing and evaluating, through applied research, the incidence of seedling establishment and survivability and comparable growth rates through: (1) comparing various methods of ground preparation (clearing), striving for minimum tillage, e.g., imprinting, firing, no-till, etc.; (2) selecting seed; (3) comparing various methods of seed treatment, e.g., inoculation and non-inoculation of leguminous trees, pelletization of seed with appropriate fertilizers, and treatment of seeds with insect, rat and bird repellants; (4) evaluating establishment of forest cover when trees are planted in a monoculture compared to mixed tree, legume and grass sowings; (5) evaluating survivability and growth rates of tree seedlings propagated by various methods, e.g., bare root, plastic bags, root trainers and direct seedling; (6) evaluating survivability incidence and growth rates of seedlings treated with various levels of chemical fertilizers and analyzing the cost benefit ratio; (7) identifying and multiplying the various strains of Rhizobia (bacteria) which live in symbiotic relationship with fast growing trees identified by the National Academy of Science, both leguminous and non-leguminous; (8) determining the relationship of Mycorrhizae (infected roots) and its importance to nutrient uptake and growth rates of trees on degraded soils; and (9) identifying the ecological conditions necessary for optimum growth of fast growing trees.

Host Country and Other Donors: Technical assistance and advisory services will be offered to many self-initiated host country funded reforestation programs as well as to USAID Mission-supported reforestation programs. U.S. and LDC institutions participating directly in applied research activities are making in-kind contributions. The World Bank, Regional Development Banks and other bilateral donors will be encouraged to finance reforestation projects utilizing applied research results.

Beneficiaries: Host country reforestation programs will achieve better survival rates and reforest larger areas, bringing the benefits of erosion control, fuelwood supplies, wood products, and watershed improvement to rural populations in the impoverished areas in developing countries.

FY 1983 Program: Technical advisory services will be available to A.I.D. Missions and host governments and continuing second year support will be provided for U.S. and LDC applied research staff, equipment, materials and field planting trials.

Major Outputs

Technical assistance missions to LDCs	50
Development of nursery and reforestation systems to revegetate degraded soils	1
Demonstration LDC project and planting trials	3
Train technologists in nursery and reforestation	30
Disseminate information on research results	1
Develop and hold seminars on nursery management and reforestation	3

A.I.D.

Salaries (70 person months)	350
Travel	100
Operations	50
TOTAL	500

U.S. FINANCING (in thousands of dollars)

	Obligations	Expenditures	Unliquidated
Through September 30, 1980	0		
Estimated Fiscal Year 1981	0		
Estimated through September 30, 1981	0		
Proposed FY 1982	580	300	280
Estimated through Fiscal Year 1982	580	300	
Proposed FY 83	500	4,920	6,000
		Future Year Obligations	Estimated Total Cost
			6,000

Principal Contractors or Agencies: U.S. Universities and LDC Institutions

5/1/81

TITLE	FUNDS	PRIOR REFERENCE	PROPOSED OBLIGATION (in thousands of dollars)	ESTIMATED FINAL OBLIGATION	LIFE OF PROJECT	ESTIMATED COMPLETION DATE
Coastal Resources Management	Agriculture, Rural Development and Nutrition	None	FY 83 500	FY 86	2,500	
NUMBER 936-5518	NEW <input checked="" type="checkbox"/> CONTINUING <input type="checkbox"/>		INITIAL OBLIGATION FY 83	ESTIMATED FINAL OBLIGATION FY 86	PROJECT OF PROJECT	COMPLETION DATE FY 87
GRANT <input checked="" type="checkbox"/> LOAN <input type="checkbox"/>						

Purpose: To determine major causes and extent of environmental and natural resources problems in coastal areas of several typical IDCs and to develop a resource base to help solve those problems.

Background: Roughly 70 percent of the world's population lives in or within reasonable proximity to coastal zones. Together with the estuaries, lagoons, marshes, beaches, bays and harbors, these areas contain very important natural resources. They provide the basis for commercial and industrial development as well as being an important source of food, particularly protein, needed for improved nutrition. The productivity and stability of coastal areas are being undermined due to inadequate land-use planning and management. Coastal zone deterioration is a major environmental problem in all four geographic regions in which A.I.D. operates. Specific problems cited by over 31 A.I.D. Missions include: depletion of fish stocks due to over-fishing and loss of breeding grounds; desertification; vegetation and destruction of mangrove forests; coastal erosion caused by destruction of coral reefs and mining of sand and other minerals; unplanned urban and commercial development and conflicts between industrial wastes on regions from inland development; pesticides, silt, mining and industrial wastes on regions from inland development; construction of dams which modify river flows; and severe pollution of coastal waters by oil from tanker traffic and domestic and industrial wastes. Despite much effort the problems are growing. Developing countries lack coordinated planning and management capacity and authority as well as sufficient numbers of trained scientists and managers and adequate data to mobilize adequate and timely responses

Coastal zone problems and management have been studied extensively for the United States. A recent publication (June 1980) Coastal Environmental Management, Guidelines for Conservation of Resources and Protection Against Storm Hazards, has been prepared by The Conservation Foundation, the Council on Environmental Quality, Office of Coastal Zone Management, U.S. Army Corps of Engineers, U.S. Fish and Wildlife Service and the Environmental Protection Agency. Most of the problems cited therein are applicable to many IDCs. The publication is designed to help public officials responsible for coping with these problems. It includes a comprehensive set of management policies and guidelines for coastal communities to help create effective programs that conserve resources as well as protect property and life against natural hazards. Many of these policies and guidelines can be adapted for use in the IDCs.

Host Country and Other Donors: Countries selected to participate in this project will be those which have identified coastal problems as a priority area and where host government initiatives, including contributions, will be expected. Close coordination will be maintained with other international or regional programs, and opportunities for cooperative activities explored.

Beneficiaries: IDC governmental and educational institutions in the countries which participate in this project will have increased capability to manage the natural resources in their coastal areas. The basic human needs of the people living in coastal areas will be better satisfied through improved natural resources management with minimized environmental degradation.

FY 83 Program: Surveys will be undertaken to (1) determine IDC problems and needs in coastal resources management, and (2) identify U.S. expertise in coastal resources management which can be tapped to satisfy those needs. An analysis of U.S. experience potentially useful to IDCs will be prepared and a concurrent review of IDC efforts and needs in coastal resources management will be matched to U.S. capabilities for assistance. A second phase of the project will include cooperative research, training and institution building activities with IDC counterparts.

Major Outputs:

- 1 Survey of IDC needs and U.S. capabilities
 - 1 Development and testing of approaches to institutionalize management capacity in an IDC
 - 1 Coastal Zone Management Training Program
- A.I.D. Financed Inputs:
 Personnel (120 person-months) FY 83
 500

U.S. FINANCING (in thousands of dollars)

Through September 30, 1980	Obligations	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Estimated Fiscal Year 1981					To be determined
Estimated through September 30, 1981					
Proposed FY 1982					
1981 and through Fiscal Year 1982	500	Future Year Obligations	Estimated Total Cost	10/1/82 - 9/30/83	
Proposed FY 83		2,000	2,500		

PROGRAM: Centrally Funded

ACTIVITY DATA SHEET

PROJECT MANAGER: Dan Dealy

FUNDS: Agriculture, Rural Development and Nutrition & Selected Development Activities

Forest Resources Management

GRANT NUMBER: 936-5519

LOAN CONTINUING

PROPOSED BUDGET: 5,300

ESTIMATED COST OF PROJECT: 5,300

ESTIMATED COST OF PROJECT: 5,300

ESTIMATED COST OF PROJECT: 5,300

Purpose: To develop a more comprehensive knowledge base and program effectiveness in forestry activities through mobilization of expert organizations and the Peace Corps (P.C.).

Background and Progress to Date: Severe social and economic problems are being caused in many LDC's by alarming increases in deforestation. This project is responsive to those problems and to the FAA calling for expanded forestry assistance efforts under Sections 103(b) and 118, and to the USG policy on tropical forests in the President's 1979 Environmental Message. This project has two basic components: 1) provision of technical expertise to assist the LDC's in the design and implementation of better forestry-related activities, and 2) funding to the P.C. for design, backstopping and material support of forestry activities supporting A.I.D. efforts in LDC's.

In order to provide better technical assistance in the LDC's, this project includes development of an international experts network and delivery of professional services to A.I.D. Missions and LDC's. Network information is being made available to A.I.D. Missions and LDC governments involved in project design and forest management. Assistance initiatives being supported include those concerned with fuelwood, natural woodlands, agroforestry, reforestation, community resource use, land use planning, forest resource planning, conservation program development, and small-scale forest industry management and enterprises.

Approaches which address socio-economic aspects of forestry are included. The contractors are providing technical personnel for long-term support and short-term assistance, both in Washington and in the field. Support to the P.C. will enable it to provide design teams for several LDC's to develop appropriate forestry programs which can be carried out by the P.C. volunteers. Some ongoing P.C. projects in LDC's are being reoriented and additional ones designed on the basis of knowledge developed in this project. P.C. activities will include data gathering to expand the available forestry information base.

Host Country and Other Donors: LDC agencies cooperate in project design and make sites available. The P.C. participates in design of projects and contributes trained forestry volunteers to assist in implementation of Mission projects. International agencies such as the United Nations Food and Agriculture Organization (FAO), United Nations Environment Program (UNEP), and the

International Council for Research in Agroforestry (ICRAF) will be invited to participate in selected projects, and U.S.D.A. Forest Service will make in-kind contributions.

Beneficiaries: The poor will benefit from better designed forestry activities undertaken by LDC governments to combat erosion, fuelwood shortages, desertification, flooding and unsustainable natural resource use patterns.

FY 1983 Program: Continue to develop institutional capacities to address deforestation and design forestry programs that provide increased social and economic benefits for the poor. Help identify opportunities in LDC's to ameliorate the forest degradation in those countries.

Major Outputs

- Peace Corps support in 5 LDC's 5
- Forestry Project Consultancies 63
- Experts Network 1
- Forestry Studies 6
- Workshops/Conferences 6

A.I.D. Financed Input:

FY 1983

- Personnel (140 person months) 700
- Training 120
- Commodities 30
- TOTAL 900

U.S. FINANCING (in thousands of dollars)

U.S. FINANCING (in thousands of dollars)	Unliquidated	Expenditures	Remaining Period	Principal Contractor or Agencies
Through September 30, 1980	0	0	10/1/80 - 9/30/81	Peace Corps U.S.D.A. Forest Service
Estimated Fiscal Year 1981	1,500	800		
Estimated through September 30, 1981	1,900	800		
Proposed FY 1982	900	1,300	10/1/81 - 9/30/82	
Estimated through Fiscal Year 1982	2,800	2,100		
Proposed FY 83	900	1,600	10/1/82 - 9/30/83	
		Future Year Obligations		
	5,300	Estimated Total Cost		

PROGRAM: Centrally Funded

ACTIVITY DATA SHEET

PROJECT MANAGER: Molly Kux

2/25/81

TITLE	Natural Resources Management Training	FUNDS	Selected Development Activities	PROPOSED OBLIGATION (in thousands of dollars)	INITIAL OBLIGATION	ESTIMATED FINAL OBLIGATION	LIFE OF PROJECT	ESTIMATED COMPLETION DATE
NUMBER	936-5534	NEW <input type="checkbox"/>	PRIOR REFERENCE C.P. FY 82-Annex V, Centrally Funded Programs, p. 109	FY 83 400	FY 82 82	FY 85	PROJECT 1,500	FY 86
GRANT <input checked="" type="checkbox"/>	LOAN <input type="checkbox"/>	CONTINUING <input checked="" type="checkbox"/>						

Purpose: To train less developed country (IDC) planners, economists, scientists and technicians in natural resources management.

Background and Progress to Date: One of the major impediments to sound natural resources management in developing countries is the lack of adequately trained personnel at both the managerial and technical levels, and a lack of course material to train them. These inadequacies have been documented in studies conducted by A.I.D. in its 1979 Report on Congress, Environmental and Natural Resources Management in Developing Countries and by the International Union for the Conservation of Nature and Natural Resources (IUCN) in the recently released World Conservation Strategy, Living Resource Conservation for Sustainable Development prepared by IUCN in cooperation with the United Nations Environment Program (UNEP), the World Wildlife Fund (WWF), the United Nations Educational, Scientific and Cultural Organization (UNESCO), and the United Nations Food and Agricultural Organization (FAO). It is A.I.D. policy to initiate environmental protection and natural resources management training programs to assist IDCs to better manage their natural resources and protect their environments.

Training courses in forestry, watershed management, soil conservation, land-use planning, wildlife management, natural resources economics, environmental assessment techniques, agricultural ecosystems analysis, collection of environmental baseline data, methods of natural resources inventory and taxonomy, management of protected areas to preserve genetic resources, and public awareness and education techniques are being designed and presented for IDC participants in the United States. Emphasis is being placed upon training "trainers" who, in turn, will be able to conduct these training courses in the IDCs. These new training programs and training materials will increase the competence of developing country officials to better manage and conserve their natural resources.

The relative newness of the subject matter, even within the United States, means that extensive course development and adaptation are needed to assure that subject matter is relevant to developing country needs. A.I.D.'s previous experience in design of environmental training programs has shown that course design, development, field testing and evaluation need greater attention.

This project is using existing program management training groups to design, test and demonstrate short technical and management courses in natural resources management and environmental protection issues most important to IDCs which can be offered overseas as well as in the United States. They will be complementary to the regional training program which began in Africa in FY 1980 and in Latin America in FY 1982. Development of these new courses was initiated in FY '82.

Host Country and Other Donors: International agencies such as the World Bank, FAO, the United Nations Development Program (UNDP), Unesco, and IDC governments will contribute by funding attendance of participants at the training sessions.

Beneficiaries: The poor majority in the IDCs will benefit due to better planning and management of development programs which involve environmental protection and natural resources management problems.

FY '83 Program: To continue the training programs started in FY '82 with appropriate revisions based upon extensive evaluation and to initiate three additional training courses. One or two courses will be selected for presentation in IDCs.

Major Outputs:

- Design of training programs 15
- Presentation of training programs 15
- Preparation and printing of course curricula 15

A.I.D.-Financed Inputs:

Personnel (120 person-months) 360
 Equipment, books, subscriptions, etc.: 40
TOTAL: 400

U.S. FINANCING (in thousands of dollars)		Unliquidated	Financing Period	Principal Contractors or Agencies
Obligations	Expenditures			
Through September 30, 1980				U. S. Department of Agriculture U. S. Universities
Estimated Fiscal Year 1981				
Estimated through September 30, 1981	250	200	10/1/81 - 9/30/82	
Proposed FY 1982	250	200		
Estimated through Fiscal Year 1982	400	50	10/1/82 - 9/30/83	
Proposed FY 83		850		
		Estimated Total Cost		
		1,500		

208
5/14/81

PROGRAM: Centrally Funded
 TITLE: Water Resources Assessment and Management
 PROJECT MANAGER: Charles F. Withington

PROPOSED OBLIGATION for duration of contract: 500
 FY '83
 ESTIMATED FINAL OBLIGATION FY '87: 4,000
 ESTIMATED PERCENT PROGRESS OF PROJECT: 12.5%

Purpose: To train less developed country (LDC) hydrologists to assess and manage their water resources, to help them prepare a water resources atlas (maps of surface water, ground water geology, and precipitation, and to predict areas where ground water resources might be developed.

Background and Progress to Date: Several A.I.D. Mission CBSs for FY '83 have pointed out that to help LDCs achieve greater development of their water resources for agriculture, animal husbandry, and human consumption better management of existing resources and development of additional resources is required. Much current effort to increase water supplies is in river basin development which requires major capital expenditures for dams. This effort can substantially increase agricultural production, but it is expensive and frequently leads to detrimental environmental changes. A.I.D. has also supported projects to provide shallow water wells for village use, which in many cases have had limited success. Shallow dug wells are easily polluted. With increased water supplies has come an increase in cattle, frequently causing rangeland degradation. In most cases water development projects have been implemented with little knowledge of the countries' total water picture. Most of the LDCs do not understand the extent of their water resources nor how to develop them in a sound manner. Knowledge of the quantity, quality, and location of available water is most important in any effort involving development and an expanding population. Although many countries have some data on their water resources, these are not generally readily available. In addition, most countries are not in a position to develop new sources of water. Training will also include modern techniques of data collection such as photo-geology using Landsat imagery and aircraft photography to indicate areas of untapped ground water supplies.

A water resource assessment consists of 3 parts:
 (1) Inputs: precipitation
 (2) Outputs: evaporation, stream runoff, ground water storage
 (3) Use: current and potential.

This compilation of data will be assembled into an atlas of water resources, accompanied by maps of surface water distribution, geology, ground water distribution, etc. A cadre of hydrologists trained under this project will be able to keep the data current. In addition, these hydrologists will be able to indicate areas where water supplies are underdeveloped, and take steps to find new supplies of water. The techniques developed by the project will be transferable to other developing countries. At the end of the project regional seminars will be held to introduce concepts and methodology to other developing countries.

U.S. FINANCING (in thousands of dollars)	Expenditures	Unliquidated	Funding Period	Principal Contractors or Agencies
Through September 30, 1980				To be selected from private companies or universities, such as Dames and Moore, Woodward Clyde, Spectral Data, Remote Sensing Inst., Univ. of Wisconsin
Estimated Fiscal Year 1981	50	25	10/1/81 - 9/30/82	
Estimated through September 30, 1981	50	25		
Proposed FY 1982	500		10/1/82 - 9/30/83	South Dakota State University
Estimated through Fiscal Year 1982	3,425	4,000		
Proposed FY 83				

Major Outputs:
 Number of developing country hydrologists trained: 20
 Number of water resource atlases prepared: 4
 Regional seminars: 4

A.I.D.-Financed Inputs:
 Personnel: 300
 Maps, satellite imagery: 100
 Water resources analysis: 95
 In-country training materials: 5
 Total: 500

DS/FNR

CONTRACT/GRANT
FIELD SUPPORT
(\$000)

	FY 81				FY 82				FY 83				FY 84			
	Total Cost		Fld Supp Pers Mos		Total Cost		Fld Supp Pers Mos		Total Cost		Fld Supp Pers Mos		Total Cost		Fld Supp Pers Mos	
	(\$)		(\$)		(\$)		(\$)		(\$)		(\$)		(\$)		(\$)	
936-5519 Forest Resources Mgt	500	400	50	0	900	720	90	0	900	720	90	0	900	720	90	0
931-1209 Envr Natl Res Exp Info Base	300	0	0	0	420	0	0	0	250	0	0	0	250	0	0	0
936-5517 Envr Planning & Mgt	200	146	37	0	500	400	100	0	650	530	133	0	650	530	133	0
936-5550 Man & Biosphere (MAB) II	0	0	0	0	300	0	0	0	300	0	0	0	300	0	0	0
936-5534 Nat Resources Mgt Trg	0	0	0	0	250	0	0	0	400	0	0	0	400	0	0	0
936-4081 Reforest of Degraded Soils	0	0	0	0	580	400	50	0	0	0	0	0	0	0	0	0
936-5540 Water Resources Assess & Mgt	0	0	0	0	75	60	7	0	0	0	0	0	500	400	48	0
936-5518 Coastal Resources Mgt.	0	0	0	0	0	0	0	0	0	0	0	0	500	0	0	0
936-5541 Tree Seed Production	0	0	0	0	225	0	0	0	0	0	0	0	0	0	0	0
TOTAL			87				247				223				271	
																321

COUNTRY ACTIVITY REPORT
 BY GEOGRAPHIC AREA - FY 81 THRU 83

05/15/81

NEAR EAST

COUNTRY: EGYPT

PROJECT	TITLE	FY 1981				FY 1982				FY 1983					
		STA TUS	AMT (\$000)	STAF #OF	#OF TDYS	PTP	STA TUS	AMT (\$000)	STAF #OF	#OF TDYS	PTP	STA TUS	AMT (\$000)	STAF #OF	#OF TDYS
ENVIRONMENT NATL RES EXP INFO BASE															
931-1209			0	0	0		0	0	0	0	B	20	0	3	0
COASTAL RESOURCES MANAGEMENT															
936-5518			0	0	0		0	0	0	0	B	20	0	3	0
COUNTRY TOTAL:			0	0	0		0	0	0	0		40	0	6	0

COUNTRY: LEBANON

PROJECT	TITLE	FY 1981				FY 1982				FY 1983					
		STA TUS	AMT (\$000)	STAF #OF	#OF TDYS	PTP	STA TUS	AMT (\$000)	STAF #OF	#OF TDYS	PTP	STA TUS	AMT (\$000)	STAF #OF	#OF TDYS
COASTAL RESOURCES MANAGEMENT															
936-5518			0	0	0		0	0	0	0	B	20	0	3	0
COUNTRY TOTAL:			0	0	0		0	0	0	0		20	0	3	0

COUNTRY: YEMEN ARAB REPUBLIC

PROJECT	TITLE	FY 1981				FY 1982				FY 1983					
		STA TUS	AMT (\$000)	STAF #OF	#OF TDYS	PTP	STA TUS	AMT (\$000)	STAF #OF	#OF TDYS	PTP	STA TUS	AMT (\$000)	STAF #OF	#OF TDYS
WATER RESOURCES ASSESSMENT AND MGT															
936-5540			0	0	0		15	0	2	0	B	0	0	0	0
COUNTRY TOTAL:			0	0	0		15	0	2	0		0	0	0	0
TOTAL FOR REGION:			0	0	0		15	0	2	0		60	0	9	0

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY ACTIVITY REPORT
BY GEOGRAPHIC AREA - FY 81 THRU 83

05/15/81

SOUTH ASIA

COUNTRY: NEPAL

PROJECT TITLE	FY 1981			FY 1982			FY 1983		
	STA TUS	AMT (\$000)	#OF IDYS PTP	STA TUS	AMT (\$000)	#OF IDYS PTP	STA TUS	AMT (\$000)	#OF IDYS PTP
DS/FNR									
REFORESTATION OF DEGRADED SOILS									
936-4081.		0	0 0 0	B	0	0 0 0	B	4	0 1 0
FOREST RESOURCES MANAGEMENT									
936-5519.C1	B	0	0 1 0	B	5	0 2 3	B	5	0 2 3
WATER RESOURCES ASSESSMENT AND MGT									
936-5540.		0	0 0 0	B	15	0 2 0		0	0 0 0
COUNTRY TOTAL:		0	0 1 0		20	0 4 3		9	0 3 3

COUNTRY: SRI LANKA

PROJECT TITLE	FY 1981			FY 1982			FY 1983		
	STA TUS	AMT (\$000)	#OF IDYS PTP	STA TUS	AMT (\$000)	#OF IDYS PTP	STA TUS	AMT (\$000)	#OF IDYS PTP
DS/FNR									
REFORESTATION OF DEGRADED SOILS									
936-4081.		0	0 0 0	B	0	0 0 0	B	4	0 1 0
COASTAL RESOURCES MANAGEMENT									
936-5518.		0	0 0 0		0	0 0 0	B	20	0 3 0
FOREST RESOURCES MANAGEMENT									
936-5519.C1	B	5	0 1 0	B	5	0 3 3	B	5	0 3 3
NATURAL RESOURCES MANAGEMENT TRAINING									
936-5534.		0	0 0 0	B	30	0 3 0		0	0 0 0
COUNTRY TOTAL:		5	0 1 0		35	0 6 3		29	0 7 3

COUNTRY: INDIA

PROJECT TITLE	FY 1981			FY 1982			FY 1983		
	STA TUS	AMT (\$000)	#OF IDYS PTP	STA TUS	AMT (\$000)	#OF IDYS PTP	STA TUS	AMT (\$000)	#OF IDYS PTP
DS/FNR									
REFORESTATION OF DEGRADED SOILS									
936-4081.		0	0 0 0	B	0	0 0 0	B	4	0 1 0
FOREST RESOURCES MANAGEMENT									
936-5519.C1	B	5	0 1 0	B	5	0 3 3	B	5	0 3 3
A - ACTIVE B - PENDING MISSION APPROVAL									

COUNTRY ACTIVITY REPORT
BY GEOGRAPHIC AREA - FY 81 THRU 83

05/15/81

SOUTH ASIA

COUNTRY TOTAL: 5 0 1 0 5 0 3 3 9 0 4 3
COUNTRY: PAKISTAN

PROJECT TITLE	FY 1981				FY 1982				FY 1983				
	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	
REFORESTATION OF DEGRADED SOILS		0	0	0	B	0	0	0	B	4	0	1	0
936-4081 FOREST RESOURCES MANAGEMENT	B	0	0	1	0	5	0	3	B	5	0	2	3
936-5519.C1		0	0	1	0	5	0	3		9	0	3	3
COUNTRY TOTAL:		0	0	1	0	5	0	3		9	0	3	3
TOTAL FOR REGION:		10	0	4	0	65	0	16	12	56	0	17	12

COUNTRY ACTIVITY REPORT
BY GEOGRAPHIC AREA - FY 81 THRU 83

05/15/81

EAST ASIA

COUNTRY: MALAYSIA

PROJECT	TITLE	FY 1981			FY 1982			FY 1983					
		STA TUS	AMT (\$000)	#OF IDYS	#OF PTP	STA TUS	AMT (\$000)	#OF IDYS	#OF PTP	STA TUS	AMT (\$000)	#OF IDYS	#OF PTP
	DS/FNR												
	FOREST RESOURCES MANAGEMENT	B	0	0	1	0	0	3	3	B	5	0	3
	936-5519.C1												
COUNTRY TOTAL:			0	0	1	0	0	3	3		5	0	3

COUNTRY: PHILIPPINES

PROJECT	TITLE	FY 1981			FY 1982			FY 1983					
		STA TUS	AMT (\$000)	#OF IDYS	#OF PTP	STA TUS	AMT (\$000)	#OF IDYS	#OF PTP	STA TUS	AMT (\$000)	#OF IDYS	#OF PTP
	DS/FNR												
	REFORESTATION OF DEGRADED SOILS		0	0	0	0	0	0	0	B	350	1	0
	936-4081.												
	FOREST RESOURCES MANAGEMENT	B	0	0	1	0	2	3	3	B	5	0	3
	936-5519.C1												
COUNTRY TOTAL:			0	0	1	0	2	3	3		355	1	3

COUNTRY: THAILAND

PROJECT	TITLE	FY 1981			FY 1982			FY 1983					
		STA TUS	AMT (\$000)	#OF IDYS	#OF PTP	STA TUS	AMT (\$000)	#OF IDYS	#OF PTP	STA TUS	AMT (\$000)	#OF IDYS	#OF PTP
	DS/FNR												
	REFORESTATION OF DEGRADED SOILS		0	0	0	0	0	0	0	B	5	0	2
	936-4081.												
	FOREST RESOURCES MANAGEMENT	B	0	0	1	0	2	3	3	B	5	0	3
	936-5519.C1												
COUNTRY TOTAL:			0	0	1	0	2	3	3		10	0	4

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY ACTIVITY REPORT
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EAST ASIA

COUNTRY: INDONESIA

PROJECT	TITLE	FY 1981			FY 1982			FY 1983						
		STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	
	ENVIRONMENT NATL RES EXP INFO BASE		0	0	0		0	0	0	B	25	0	3	0
	931-1209. REFORESTATION OF DEGRADED SOILS		0	0	0		5	0	2	B	10	0	2	1
	936-4081. FOREST RESOURCES MANAGEMENT	B	25	0	1	B	100	1	2	B	100	1	3	3
	936-5519.C1													
	COUNTRY TOTAL:		25	0	1		105	1	4		135	1	8	4
	TOTAL FOR REGION:		25	0	4		475	2	13		430	2	19	14

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY ACTIVITY REPORT
BY GEOGRAPHIC AREA - FY 81 THRU 83

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LALIN AMERICA

COUNTRY: COLOMBIA

PROJECT	TITLE	FY 1981			FY 1982			FY 1983		
		STA IUS	AMT (\$000)	#OF IDYS	STA IUS	AMT (\$000)	#OF IDYS	STA IUS	AMT (\$000)	#OF IDYS
	US/FNR									
	ENVIRONMENT NATL RES EXP INFO BASE 931-1209.		0	0	0	0	0	0	0	0
	COUNTRY TOTAL:		0	0	0	15	0	4	0	0

COUNTRY: COSTA RICA

PROJECT	TITLE	FY 1981			FY 1982			FY 1983		
		STA IUS	AMT (\$000)	#OF IDYS	STA IUS	AMT (\$000)	#OF IDYS	STA IUS	AMT (\$000)	#OF IDYS
	DS/FNR									
	ENVIRONMENT NATL RES EXP INFO BASE 931-1209.		0	0	0	0	0	0	0	0
	REFORESTATION OF DEGRADED SOILS 936-4081.		0	0	0	0	0	0	0	0
	COASTAL RESOURCES MANAGEMENT 936-5518.		0	0	0	0	0	0	0	0
	FOREST RESOURCES MANAGEMENT 936-5519.		30	0	4	3	A	100	1	4
	NATURAL RESOURCES MANAGEMENT TRAINING 936-5534.		0	0	0	0	0	0	0	0
	COUNTRY TOTAL:		30	0	4	3	100	1	4	3

COUNTRY: DOMINICAN REPUBLIC

PROJECT	TITLE	FY 1981			FY 1982			FY 1983		
		STA IUS	AMT (\$000)	#OF IDYS	STA IUS	AMT (\$000)	#OF IDYS	STA IUS	AMT (\$000)	#OF IDYS
	DS/FNR									
	ENVIRONMENT NATL RES EXP INFO BASE 931-1209.		0	0	0	0	0	0	0	0
	FOREST RESOURCES MANAGEMENT 936-5519.		5	0	3	3	B	10	0	2
	COUNTRY TOTAL:		5	0	3	3	25	0	6	3
	A - ACTIVE B - PENDING MISSION APPROVAL									

COUNTRY ACTIVITY REPORT
BY GEOGRAPHIC AREA - FY 81 THRU 83

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LATIN AMERICA

COUNTRY: ECUADOR

PROJECT	TITLE	FY 1981			FY 1982			FY 1983								
		STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP			
COASTAL RESOURCES MANAGEMENT																
936-5518.	FOREST RESOURCES MANAGEMENT		0	0	0	0	0	0	0	B	20	0	3	0		
936-5519.	FOREST RESOURCES MANAGEMENT	B	5	0	4	3	B	40	1	2	3	B	10	0	2	3
WATER RESOURCES ASSESSMENT AND MGT																
936-5540.			0	0	0	0	B	15	0	2	0	A	200	2	0	0
COUNTRY TOTAL:																
			5	0	4	3		55	1	4	3		230	2	5	3

COUNTRY: EL SALVADOR

PROJECT	TITLE	FY 1981			FY 1982			FY 1983								
		STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP			
ENVIRONMENT NATL RES EXP INFO BASE																
931-1209.	COASTAL RESOURCES MANAGEMENT		0	0	0	0	B	15	0	4	0		0	0	0	0
936-5518.	FOREST RESOURCES MANAGEMENT		0	0	0	0		0	0	0	0	B	20	0	3	0
936-5519.	FOREST RESOURCES MANAGEMENT	B	5	0	1	0	B	10	0	4	3	B	10	0	3	3
COUNTRY TOTAL:																
			5	0	1	0		25	0	8	3		30	0	6	3

COUNTRY: GUATEMALA

PROJECT	TITLE	FY 1981			FY 1982			FY 1983								
		STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP			
REFORESTATION OF DEGRADED SOILS																
936-4081.	FOREST RESOURCES MANAGEMENT		0	0	0	0	B	0	0	0	0	B	4	0	1	0
936-5519.	FOREST RESOURCES MANAGEMENT	B	5	0	4	3	B	10	0	4	3	B	10	0	3	3
COUNTRY TOTAL:																
			5	0	4	3		10	0	4	3		14	0	4	3

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY ACTIVITY REPORT
BY GEOGRAPHIC AREA - FY 81 THRU 83

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LATIN AMERICA

COUNTRY: HAITI

PROJECT	TITLE	STA TUS	FY 1981			FY 1982			FY 1983			
			AMT (\$000)	STAF IDYS	#OF PTP	AMT (\$000)	STAF IDYS	#OF PTP	AMT (\$000)	STAF IDYS	#OF PTP	
	DS/FNR											
	REFORESTATION OF DEGRADED SOILS 936-4081.		0	0	0	95	0	3	0	50	0	3
	FOREST RESOURCES MANAGEMENT 936-5519.	B	5	0	3	10	0	2	3	10	0	2
COUNTRY TOTAL:			5	0	3	105	0	5	3	60	0	5

COUNTRY: HONDURAS

PROJECT	TITLE	STA TUS	FY 1981			FY 1982			FY 1983			
			AMT (\$000)	STAF IDYS	#OF PTP	AMT (\$000)	STAF IDYS	#OF PTP	AMT (\$000)	STAF IDYS	#OF PTP	
	DS/FNR											
	FOREST RESOURCES MANAGEMENT 936-5519.	B	5	0	4	10	0	4	3	10	0	3
	NATURAL RESOURCES MANAGEMENT TRAINING 936-5534.		0	0	0	30	0	3	0	0	0	0
COUNTRY TOTAL:			5	0	4	40	0	7	3	10	0	3

COUNTRY: NICARAGUA

PROJECT	TITLE	STA TUS	FY 1981			FY 1982			FY 1983			
			AMT (\$000)	STAF IDYS	#OF PTP	AMT (\$000)	STAF IDYS	#OF PTP	AMT (\$000)	STAF IDYS	#OF PTP	
	DS/FNR											
	FOREST RESOURCES MANAGEMENT 936-5519.	B	5	0	2	10	0	4	3	10	0	3
COUNTRY TOTAL:			5	0	2	10	0	4	3	10	0	3

COUNTRY ACTIVITY REPORT
BY GEOGRAPHIC AREA - FY 81 THRU 83

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LATIN AMERICA

COUNTRY: PANAMA

PROJECT	TITLE	FY 1981			FY 1982			FY 1983						
		STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	
ENVIRONMENT NATL RES EXP INFO BASE														
931-1209			0	0	0	B	15	0	4	0		0	0	0
FOREST RESOURCES MANAGEMENT														
936-5519		B	5	0	4	B	10	0	4	3	B	10	0	3
COUNTRY TOTAL:														
			5	0	4		25	0	8	3		10	0	3

COUNTRY: PERU

PROJECT	TITLE	FY 1981			FY 1982			FY 1983						
		STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	
COASTAL RESOURCES MANAGEMENT														
936-5518			0	0	0		0	0	0	0	B	20	0	3
FOREST RESOURCES MANAGEMENT														
936-5519		B	5	0	3	B	10	0	2	3	B	10	0	2
COUNTRY TOTAL:														
			5	0	3		10	0	2	3		30	0	5

COUNTRY: JAMAICA

PROJECT	TITLE	FY 1981			FY 1982			FY 1983						
		STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	STA TUS	AMT (\$000)	STAF #OF TDYS	#OF PTP	
COASTAL RESOURCES MANAGEMENT														
936-5518			0	0	0		0	0	0	0	B	20	0	3
FOREST RESOURCES MANAGEMENT														
936-5519		B	5	0	4	B	10	0	2	3	B	10	0	2
COUNTRY TOTAL:														
			5	0	4		10	0	2	3		30	0	5

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LATIN AMERICA

TOTAL FOR REGION: 80 0 36 32 430 2 58 33 603 3 55 33

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY ACTIVITY REPORT
BY GEOGRAPHIC AREA - FY 81 THRU 83

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AFRICA

COUNTRY: MOROCCO

PROJECT	TITLE	FY 1981				FY 1982				FY 1983					
		STA TUS	AMT (\$000)	STAF #OF	#OF PTP	STA TUS	AMT (\$000)	STAF #OF	#OF PTP	STA TUS	AMT (\$000)	STAF #OF	#OF PTP		
REForestation OF DEGRADED SOILS															
936_4081.															
FOREST RESOURCES MANAGEMENT															
936_5519.C1															
COUNTRY TOTAL:		0	0	0	0	B	0	0	0	0	B	4	0	1	0
FOREST RESOURCES MANAGEMENT															
936_5519.C1															
COUNTRY TOTAL:		0	0	0	0	B	5	0	1	3	B	5	0	1	3

COUNTRY: ZAMBIA

PROJECT	TITLE	FY 1981				FY 1982				FY 1983					
		STA TUS	AMT (\$000)	STAF #OF	#OF PTP	STA TUS	AMT (\$000)	STAF #OF	#OF PTP	STA TUS	AMT (\$000)	STAF #OF	#OF PTP		
FOREST RESOURCES MANAGEMENT															
936-5519.															
COUNTRY TOTAL:		5	0	0	3	B	10	0	2	0	B	5	0	3	3

COUNTRY: MALAWI

PROJECT	TITLE	FY 1981				FY 1982				FY 1983					
		STA TUS	AMT (\$000)	STAF #OF	#OF PTP	STA TUS	AMT (\$000)	STAF #OF	#OF PTP	STA TUS	AMT (\$000)	STAF #OF	#OF PTP		
ENVIRONMENT NATL RES EXP INFO BASE															
931-1209.															
FOREST RESOURCES MANAGEMENT															
936-5519.															
COUNTRY TOTAL:		5	0	4	3	B	10	0	2	0	B	0	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY ACTIVITY REPORT
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AFRICA

COUNTRY: KENYA

PROJECT	TITLE	DS/FNR	FY 1981			FY 1982			FY 1983				
			AMT (\$000)	STAF	#OF IDYS	PTP	AMT (\$000)	STAF	#OF IDYS	PTP	AMT (\$000)	STAF	#OF IDYS
	ENVIRONMENT NATL RES EXP INFO BASE												
	931-1209.		0	0	0	0	2	0	0	0	0	0	0
	REFORESTATION OF DEGRADED SOILS												
	936-4081.		0	0	0	0	0	0	0	4	0	1	0
	COASTAL RESOURCES MANAGEMENT												
	936-5518.		0	0	0	0	0	0	0	20	0	3	0
	FOREST RESOURCES MANAGEMENT												
	936-5519.	A	25	1	8	0	4	0	0	100	1	3	3
COUNTRY TOTAL:			25	1	8	0	6	0	0	124	1	7	3

COUNTRY: UGANDA

PROJECT	TITLE	DS/FNR	FY 1981			FY 1982			FY 1983				
			AMT (\$000)	STAF	#OF IDYS	PTP	AMT (\$000)	STAF	#OF IDYS	PTP	AMT (\$000)	STAF	#OF IDYS
	FOREST RESOURCES MANAGEMENT												
	936-5519.	B	5	0	4	3	4	3	0	5	0	3	2
COUNTRY TOTAL:			5	0	4	3	4	3	0	5	0	3	2

COUNTRY: TANZANIA

PROJECT	TITLE	DS/FNR	FY 1981			FY 1982			FY 1983				
			AMT (\$000)	STAF	#OF IDYS	PTP	AMT (\$000)	STAF	#OF IDYS	PTP	AMT (\$000)	STAF	#OF IDYS
	ENVIRONMENT NATL RES EXP INFO BASE												
	931-1209.		0	0	0	0	2	0	0	0	0	0	0
	FOREST RESOURCES MANAGEMENT												
	936-5519.	B	5	0	4	3	4	3	0	5	0	3	3
COUNTRY TOTAL:			5	0	4	3	6	3	0	5	0	3	3

A - ACTIVE B - PENDING MISSION APPROVAL

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AFRICA

COUNTRY: CAMEROON

PROJECT	TITLE	FY 1981			FY 1982			FY 1983		
		STA TUS	AMT (\$000)	STAF #OF	TDYS #OF	PTP	STA TUS	AMT (\$000)	STAF #OF	TDYS #OF

FOREST RESOURCES MANAGEMENT
936-5519.

B		5	0	4	3	B	5	0	4	10	B	0	0	2	2
---	--	---	---	---	---	---	---	---	---	----	---	---	---	---	---

COUNTRY TOTAL:

		5	0	4	3		5	0	4	10		0	0	2	2
--	--	---	---	---	---	--	---	---	---	----	--	---	---	---	---

COUNTRY: SWAZILAND

PROJECT	TITLE	FY 1981			FY 1982			FY 1983		
		STA TUS	AMT (\$000)	STAF #OF	TDYS #OF	PTP	STA TUS	AMT (\$000)	STAF #OF	TDYS #OF

FOREST RESOURCES MANAGEMENT
936-5519.

B		0	0	2	3	B	5	0	2	3	B	0	0	1	2
---	--	---	---	---	---	---	---	---	---	---	---	---	---	---	---

COUNTRY TOTAL:

		0	0	2	3		5	0	2	3		0	0	1	2
--	--	---	---	---	---	--	---	---	---	---	--	---	---	---	---

COUNTRY: SOMALIA

PROJECT	TITLE	FY 1981			FY 1982			FY 1983		
		STA TUS	AMT (\$000)	STAF #OF	TDYS #OF	PTP	STA TUS	AMT (\$000)	STAF #OF	TDYS #OF

ENVIRONMENT NATL RES EXP INFO BASE
931-1209.
FOREST RESOURCES MANAGEMENT
936-5519.

B		0	0	0	0	B	10	0	2	0	B	0	0	0	0
		5	0	0	3	B	5	0	2	3	B	5	0	3	3

COUNTRY TOTAL:

		5	0	0	3		15	0	4	3		5	0	3	3
--	--	---	---	---	---	--	----	---	---	---	--	---	---	---	---

COUNTRY: SUDAN

PROJECT	TITLE	FY 1981			FY 1982			FY 1983		
		STA TUS	AMT (\$000)	STAF #OF	TDYS #OF	PTP	STA TUS	AMT (\$000)	STAF #OF	TDYS #OF

A - ACTIVE B - PENDING MISSION APPROVAL

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AFRICA

DS/FNR

FOREST RESOURCES MANAGEMENT
936-5519.

B	5	0	0	3	B	5	0	2	3	B	5	0	3	3
COUNTRY TOTAL:	5	0	0	3		5	0	2	3		5	0	3	3

COUNTRY: ZAIRE

PROJECT	TITLE	FY 1981			FY 1982			FY 1983		
		STA IUS	AMT (\$000)	#OF IDYS	STA IUS	AMT (\$000)	#OF IDYS	STA IUS	AMT (\$000)	#OF IDYS

DS/FNR

NATURAL RESOURCES MANAGEMENT TRAINING
936-5534.

	0	0	0	0	0	0	0	0	0	B	30	0	3	0
COUNTRY TOTAL:	0	0	0	0	0	0	0	0	0		30	0	3	0

COUNTRY: ETHIOPIA

PROJECT	TITLE	FY 1981			FY 1982			FY 1983		
		STA IUS	AMT (\$000)	#OF IDYS	STA IUS	AMT (\$000)	#OF IDYS	STA IUS	AMT (\$000)	#OF IDYS

DS/FNR

FOREST RESOURCES MANAGEMENT
936-5519.

B	0	0	0	3	B	5	0	2	2	B	5	0	3	2
COUNTRY TOTAL:	0	0	0	3		5	0	2	2		5	0	3	2

COUNTRY: TUNISIA

PROJECT	TITLE	FY 1981			FY 1982			FY 1983		
		STA IUS	AMT (\$000)	#OF IDYS	STA IUS	AMT (\$000)	#OF IDYS	STA IUS	AMT (\$000)	#OF IDYS

DS/FNR

COASTAL RESOURCES MANAGEMENT
936-5518.
FOREST RESOURCES MANAGEMENT
936-5519.C1

	0	0	0	0	0	0	0	0	0	B	20	0	3	0
	0	0	0	0	B	5	0	1	3	B	5	0	1	3
COUNTRY TOTAL:	0	0	0	0		5	0	1	3		25	0	4	3

A - ACTIVE B - PENDING MISSION APPROVAL

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AFRICA

COUNTRY: LIBERIA

PROJECT	TITLE	FY 1981				FY 1982				FY 1983					
		STA TUS	AMT (\$000)	STAF #OF	TDYS #OF	PTP	STA TUS	AMT (\$000)	STAF #OF	TDYS #OF	PTP	STA TUS	AMT (\$000)	STAF #OF	TDYS #OF
COASTAL RESOURCES MANAGEMENT															
		0	0	0	0	0	0	0	0	0	B	20	0	3	0
936-5518.															
COUNTRY TOTAL:		0	0	0	0	0	0	0	0	0	B	20	0	3	0

COUNTRY: GUINEA

PROJECT	TITLE	FY 1981				FY 1982				FY 1983					
		STA TUS	AMT (\$000)	STAF #OF	TDYS #OF	PTP	STA TUS	AMT (\$000)	STAF #OF	TDYS #OF	PTP	STA TUS	AMT (\$000)	STAF #OF	TDYS #OF
REFORESTATION OF DEGRADED SOILS															
		0	0	0	0	B	0	0	0	0	B	4	0	1	0
936-4081.															
FOREST RESOURCES MANAGEMENT															
		0	0	1	3	B	0	0	1	3	B	0	0	1	2
936-5519.															
COUNTRY TOTAL:		0	0	1	3	0	0	0	1	3	B	4	0	2	2

COUNTRY: CHAD

PROJECT	TITLE	FY 1981				FY 1982				FY 1983						
		STA TUS	AMT (\$000)	STAF #OF	TDYS #OF	PTP	STA TUS	AMT (\$000)	STAF #OF	TDYS #OF	PTP	STA TUS	AMT (\$000)	STAF #OF	TDYS #OF	PTP
FOREST RESOURCES MANAGEMENT																
		B	0	0	1	3	B	0	0	2	3	B	0	0	1	2
936-5519.																
COUNTRY TOTAL:		0	0	1	3	0	0	0	2	3	0	0	0	1	2	

COUNTRY: IVORY COAST

PROJECT	TITLE	FY 1981				FY 1982				FY 1983					
		STA TUS	AMT (\$000)	STAF #OF	TDYS #OF	PTP	STA TUS	AMT (\$000)	STAF #OF	TDYS #OF	PTP	STA TUS	AMT (\$000)	STAF #OF	TDYS #OF
A - ACTIVE B - PENDING MISSION APPROVAL															

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AFRICA

DS/FNR

ENVIRONMENT NATI RES EXP INFO BASE
931-1209.

0	0	0	0	0	0	0	0	0	0	0	B	25	0	3	0
COUNTRY TOTAL:	0	0	0	0	0	0	0	0	0	0	B	25	0	3	0

COUNTRY: MAURITANIA

PROJECT TITLE	FY 1981			FY 1982			FY 1983							
	STA TUS	AMT (\$000)	#OF TDYS	STA TUS	AMT (\$000)	#OF TDYS	STA TUS	AMT (\$000)	#OF TDYS					
DS/FNR														
FOREST RESOURCES MANAGEMENT 936-5519.C1	B	0	0	1	3	0	0	2	3	B	0	0	1	2
COUNTRY TOTAL:		0	0	1	3	0	0	2	3		0	0	1	2

COUNTRY: NIGER

PROJECT TITLE	FY 1981			FY 1982			FY 1983							
	STA TUS	AMT (\$000)	#OF TDYS	STA TUS	AMT (\$000)	#OF TDYS	STA TUS	AMT (\$000)	#OF TDYS					
DS/FNR														
FOREST RESOURCES MANAGEMENT 936-5519.C1	R	0	0	1	3	0	0	2	3	B	0	0	1	2
COUNTRY TOTAL:		0	0	1	3	0	0	2	3		0	0	1	2

COUNTRY: SENEGAL

PROJECT TITLE	FY 1981			FY 1982			FY 1983							
	STA TUS	AMT (\$000)	#OF TDYS	STA TUS	AMT (\$000)	#OF TDYS	STA TUS	AMT (\$000)	#OF TDYS					
DS/FNR														
REFORESTATION OF DEGRADED SOILS 936-4081.		0	0	0	0	0	B	0	0	B	4	0	1	0
FOREST RESOURCES MANAGEMENT 936-5519.C1	B	0	0	2	3	40	B	1	4	B	0	0	1	2
NATURAL RESOURCES MANAGEMENT TRAINING 936-5534.		0	0	0	0	30	B	0	3	B	0	0	0	0

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY ACTIVITY REPORT
BY GEOGRAPHIC AREA - FY 81 THRU 83

05/15/81

AFRICA
WATER RESOURCES ASSESSMENT AND MGT
936-5540. 0 0 0 0 0 B 15 0 2 0 A 200 2 0 0

COUNTRY TOTAL: 0 0 2 3 85 1 9 3 204 2 2 2

COUNTRY: UPPER VOLTA

PROJECT	TITLE	FY 1981				FY 1982				FY 1983					
		STA	AMT	STAF	#OF	STA	AMT	STAF	#OF	STA	AMT	STAF	#OF		
DS/FNR		TUS	(\$000)	TDYS	PTP	TUS	(\$000)	TDYS	PTP	TUS	(\$000)	TDYS	PTP		
	FOREST RESOURCES MANAGEMENT	B	0	0	2	3	0	0	1	3	B	0	0	1	2
	COUNTRY TOTAL:		0	0	2	3	0	0	1	3		0	0	1	2

COUNTRY: MALI

PROJECT	TITLE	FY 1981				FY 1982				FY 1983					
		STA	AMT	STAF	#OF	STA	AMT	STAF	#OF	STA	AMT	STAF	#OF		
DS/FNR		TUS	(\$000)	TDYS	PTP	TUS	(\$000)	TDYS	PTP	TUS	(\$000)	TDYS	PTP		
	REFORESTATION OF DEGRADED SOILS		0	0	0	0	0	0	0	B	4	0	1	0	
	936-4081.														
	FOREST RESOURCES MANAGEMENT	B	0	0	2	3	0	0	2	3	B	0	0	1	2
	936-5519.C1														
	COUNTRY TOTAL:		0	0	2	3	0	0	2	3		4	0	2	2

COUNTRY: MISC. FRENCH AFRICA

PROJECT	TITLE	FY 1981				FY 1982				FY 1983					
		STA	AMT	STAF	#OF	STA	AMT	STAF	#OF	STA	AMT	STAF	#OF		
DS/FNR		TUS	(\$000)	TDYS	PTP	TUS	(\$000)	TDYS	PTP	TUS	(\$000)	TDYS	PTP		
	FOREST RESOURCES MANAGEMENT	B	0	0	0	0	0	0	2	5	B	15	0	4	4
	936-5519.C1														
	COUNTRY TOTAL:		0	0	0	0	0	0	2	5		15	0	4	4

FOREST RESOURCES MANAGEMENT
936-5519.C1

COUNTRY TOTAL: 0 0 0 0 0 B 0 0 2 5 B 15 0 4 4

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY ACTIVITY REPORT
BY GEOGRAPHIC AREA - FY 81 THRU 83

05/15/81

AFRICA

COUNTRY: TOGO

PROJECT	TITLE	FY 1981			FY 1982			FY 1983		
		STA TUS	AMT (\$000)	#OF IDYS	STA TUS	AMT (\$000)	#OF IDYS	STA TUS	AMT (\$000)	#OF IDYS
	US/FNR									
	COASTAL RESOURCES MANAGEMENT									
	936-5518.		0	0	0	0	0	B	20	0
	FOREST RESOURCES MANAGEMENT									
	936-5519.C1	B	0	0	1	2	B	0	0	0
	COUNTRY TOTAL:		0	0	1	2		0	0	1

COUNTRY: BURUNDI

PROJECT	TITLE	FY 1981			FY 1982			FY 1983		
		STA TUS	AMT (\$000)	#OF IDYS	STA TUS	AMT (\$000)	#OF IDYS	STA TUS	AMT (\$000)	#OF IDYS
	DS/FNR									
	FOREST RESOURCES MANAGEMENT									
	936-5519.C1	B	60	1	4	10	U	60	1	4
	COUNTRY TOTAL:		60	1	4	10		60	1	4

COUNTRY: RWANDA

PROJECT	TITLE	FY 1981			FY 1982			FY 1983		
		STA TUS	AMT (\$000)	#OF IDYS	STA TUS	AMT (\$000)	#OF IDYS	STA TUS	AMT (\$000)	#OF IDYS
	DS/FNR									
	FOREST RESOURCES MANAGEMENT									
	936-5519.C1	B	10	0	4	5	B	10	0	4
	COUNTRY TOTAL:		10	0	4	5		10	0	4
	TOTAL FOR REGION:		130	2	45	65		410	4	70

A - ACTIVE B - PENDING MISSION APPROVAL

COUNTRY ACTIVITY REPORT
 BY GEOGRAPHIC AREA - FY 81 THRU 83

05/15/81

PROJECT SERVICES AT MISSION OR BUREAU REQUEST

PROJECT TITLE	FY 1981			FY 1982			FY 1983							
	STA TUS	AMT (\$000)	STAF #OF	STAF #OF	TDYS	PTP	STA TUS	AMT (\$000)	STAF #OF	STAF #OF	TDYS	PTP		
ENVIRONMENTAL PLANNING & MANAGEMENT 936-5517.	A	0	0	0	0	0	0	0	0	0	0	0		
COUNTRY TOTAL:		0	0	0	0	0	0	0	0	0	0	0		
TOTAL FOR REGION:		0	0	0	0	0	0	0	0	0	0	0		
OVERALL TOTAL:		245	2	89	97		1400	8	160	138	1699	8	175	116

A - ACTIVE B - PENDING MISSION APPROVAL