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United States
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Technical
Assistance
Division

Washington, D.C. 20250

A Synopsis of USDA International Technical Assistance Projects



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March 1982

A SYNOPSIS OF USDA INTERNATIONAL TECHNICAL ASSISTANCE PROJECTS

PREFACE

The goal of U.S. technical assistance in agriculture is to help developing countries become more self-reliant in producing food and fiber from limited resources and to improve the quality of life for their people. The areas of assistance to developing countries cover the full range of U.S. Department of Agriculture experience and know-how.

The demand for technical assistance from both developing and non-AID countries continued at a high level in fiscal 1981. During the year, OICD entered into 134 agreements with the U.S. Agency for International Development (AID), international organizations, governments of transitional nations and several Organization of Petroleum Exporting Countries (OPEC).

Technical assistance programs were carried out in 76 countries. U.S.-based personnel traveled to 57 countries to perform work requested under these agreements.

The Office of International Cooperation and Development (USDA/OICD), with the cooperation of 15 other USDA agencies, land grant and other universities, and the private sector, carried out 846 technician assignments--a nine percent increase over the fiscal 1980 total. These included 143 resident overseas assignments, 83 long-term assignments on projects in the United States, 436 international short-term assignments, and 184 short-term assignments in the U.S. USDA scientists and technicians provided 73 percent of the assistance (27 percent from OICD staff) and the remaining 27 percent was drawn from cooperating universities and other sources arranged for and monitored by OICD. The number of technician assignments performed by women decreased from 97 in fiscal 1980 to 81 in fiscal 1981.

OICD provided personnel for 20 projects sponsored by international organizations in fiscal 1981 compared with only six projects as recently as 1978.

A brief synopsis is given in this report of projects underway and those completed in the last fiscal year. The projects reflect the breadth and depth of work being carried out by OICD in international development. In each of the areas of the world, projects are geared to the particular needs of a country. In many of the projects, USDA agriculturists work side by side with host counterparts, instructing them in the use and application of selected skills and techniques. This report was compiled by Sarah DiStefano and the program leaders in the Technical Assistance Division of OICD.

A SYNOPSIS OF USDA INTERNATIONAL TECHNICAL ASSISTANCE PROJECTS

Projects in Progress during fiscal 1981,
by Geographic Area and Sponsorship

Agency for International Development Sponsorship

AFRICA

Botswana Agricultural Planning

AG/BOT-0067-3-78

October 1978 - September 1983

Resident technicians assisted by short term specialists continued to serve as experts in the Botswana Ministry of Agriculture's Planning and Statistical Unit. They are advising the government on rural development needs while training Botswana officials to assume these responsibilities. The surveys and analyses prepared under the project are enabling the Government of Botswana to improve agricultural sector productivity and total agricultural production.

Botswana Crop Production and Marketing

AG/BOT-0056-2-78

February 1978 - April 1981

A resident technician completed an assignment assisting the Botswana Ministry of Agriculture to develop and expand programs in cereal crop production, with emphasis on sorghum. The project has assisted Botswana to develop the institutional capacity to improve arid land crop production.

Botswana Range and Livestock Management

AG/BOT-0015-1-78

April 1978 - April 1982

Resident technicians continue to support group action projects through the development of appropriate strategy and techniques, and the provision of direct extension assistance to livestock owners.

Cameroon Agricultural Management

AG/CAM-0008-1-80

September 1979 - March 1985

Four resident specialists and supporting consultants are developing an Agricultural Economics and Planning Unit. The unit will have the capability to plan, design, and implement agricultural development projects within the Ministry of Agriculture's Directorate of Studies and Projects, and the Statistical Unit. Project strategy is to use a multi-donor collaborative approach to Technical Assistance which develops local expertise in agricultural sector analysis and in planning, designing, implementing, monitoring, and evaluating projects for the rural sector.

Cape Verde Watershed Management
AG/CAVE-0006-1-80

March 1981 - March 1983

A USDA agricultural extension specialist, and a soil conservationist, are working with Cape Verde counterparts and technical teams to develop an appropriate-technology infrastructure to preserve and manage a watershed area in Cape Verde. The processes developed are expected to serve as a model for other portions of the islands, and elsewhere in the Sahel.

Ethiopia Desert Locust Control
AF/OFDA-999-2-79

February 1979 - April 1981

A management specialist and an accounting officer provided assistance on a short-term basis to the Desert Locust Control Organization for East Africa (DLCO/EA). The program was designed to strengthen the organization's operational and managerial capabilities, thereby increasing its effectiveness.

Gabon Agricultural Sector Studies (661 funds)
AG/TDP-000-1-80

September 1980 - October 1980

A four-member team consisting of two economists, an agronomist, and a veterinarian consulted with Gabonese officials and traveled to the field to evaluate the possible use of U.S. technology in the Gabonese agricultural sector. Specific areas of concern were cattle raising, increasing rice production, and the development of the peanut industry.

Gambia Forestry Development
GAM-0205-P-AG-1084-00

September - October 1981

The Gambia Forestry Development Project was a short-term activity, under which a sawmill specialist helped finalize plans for procurement and installation of sawmill equipment.

Gambia Soil and Water Management
AG/GAM-0202-1-78

July 1978 - September 1982

A resident conservation and management specialist is assisting Gambia in the establishment of a soil and water management unit within the Ministry of Agriculture and Natural Resources.

Ghana Economic and Rural Development Management
AG/GHN-001-01-77

July 1977 - September 1983

The USDA is assisting the USAID-sponsored Economic and Rural Development Management Project in the preparation and implementation of management training seminars and workshops for regional and district level

officials. Other functions include consultancy services to the districts on rural development planning and implementation, and the continuous adaptation of the training programs to meet local needs. Four technicians are currently on resident assignments, and a TDY will soon provide rural district level planning courses at the University of Kumasi. The key to this project's success has been its ability to combine and coordinate ministry and local resources and personnel.

Kenya Dryland Cropping Systems Research
AG/KEN-180-1-80

November 1979 - January 1984

USDA resident technicians are working with the Kenya Agricultural Research Institute (KARI) to develop research and extension packages to demonstrate the most productive use of marginal lands. Field trials are being conducted through farmer cooperators. The staff currently consists of an agrometeorologist, an agronomist, a soil physicist, an agricultural economist, a maize geneticist, and a plant pathologist. A senior maize geneticist is soon to join the team.

Kenya East Africa Food Crops Research
AG/EAR-657-06-73

July 1972 - February 1981

The main objective of the project was to provide support to selected East Africa Agricultural and Forestry Research Organization (EAAFRO) research efforts in food crops and cropping systems. This work is critical to an increase in food production and quality throughout East Africa. The project led into a new Dry Land Cropping Systems Research Project, designed to help Kenya make better use of its marginal agricultural lands. USDA is working with FAO to implement this project.

Kenya Range and Ranch Development
AG/KEN-157-08-73

July 1973 - November 1981

Resident technicians from USDA's Forest Service and Science and Education Administration, assisted by short-term personnel, worked with the Government of Kenya. The objective was to alleviate or remove environmental, organizational, and managerial constraints to expansion of improved range management and conservation practices. Services included development of ground and surface water sources, construction of roads and tracks, and design of improved range management practices to permit support of increased livestock population.

Liberia Agricultural Project Implementation Course

LIB-C384-P-AG-1017-00

January - February 1981

Two agricultural training instructors presented a course in agricultural project implementation, designed primarily for middle-level managers having responsibility for project implementation. The emphasis was on skill development through a highly participatory learning-by-doing approach.

Liberia Sector Analysis Planning

AG/LIB-0137-1-78

October 1977 - July 1983

Two Agricultural Economists continue to assist and train staff of the Liberian Ministry of Agriculture's Planning Division in sector analysis and planning. Duties include improving statistical gathering and interpretation capabilities, and developing a capacity for micro-economics. These activities will be brought together using an agricultural sector analysis to encourage the integration process.

Mali Regional Livestock Advisor

AG/MAL-000-1-80

October 1979 - January 1983

A livestock advisor from the USDA Science and Education Administration has served on resident assignment assisting the Sahel Development Regional Officer (SDRO) to coordinate and provide technical input for long-range planning of the U.S. Sahel Development Program. The Livestock Advisor is AID's technical liaison with the Club Du Sahel and contributes the livestock technical input to the formulation of AID strategy for assistance in the Sahel.

Mali Veterinary Lab

AG/MAL-0203-2-76 (Formerly AG/MAL-610-02-76)

September 1976 - On-going

A Micro-biologist from the Animal and Plant Health Inspection Service, USDA, continues to serve on resident assignment advising and assisting the Central Veterinary Laboratory (CVL). The goal is to maintain and augment the current level of animal disease diagnosis, and production of vaccine and diagnostic reagents. Assistance was also provided in training on-site CVL technicians as an efficiently functioning team, proficient in handling the complex equipment. An expansion of the project is planned in Mali Livestock II.

Mauritania Women in Development

AG/MAU-0300-1-80

May - December 1980

An OICD employee developed program recommendations on womens' evolving roles as heads of households in both rural and new urban areas. These

recommendations will lay the basis for active AID assistance to the Mauritania Government in the field of women in development.

Nigeria Agriculture and Rural Development Assessment Team

661 funds

January 1980 - January 1981

A soil scientist conducted follow-up development to the Comprehensive Soil Survey of Nigeria proposal initiated by a USDA assessment team in 1979. Later in FY 80, an agreement was signed for USDA implementation of this project.

Rwanda Food Storage and Marketing

AG/RWA-100-12-75

January 1975 - December 1980

A resident agricultural economist continued to assist the Rwanda Development Bank to ensure availability and improved nutritional value of agricultural food products. The project worked to meet the rapid population growth, and to develop an economically efficient price stabilization system for three major crops. USDA has now assisted in the design of a follow-up to this project.

Rwanda Management and the Role of Women in Development

RDA-0413-P-AG-1040-00

March - May 1981

In cooperation with an AID project providing support to regional organizations, the department has provided two agricultural specialists to present a four-week seminar in Gisenyi, Rwanda. The program addressed the enhancement of women's roles in the development process, and the special problems faced by women who occupy command positions in predominantly male organizations.

Sahel Regional Agricultural Management Seminar

AG/SHL-0929-2-80

November - December 1980

This seminar was a short-term activity centered in Dakar, Senegal. Two agricultural instructors presented a management of agricultural organizations course to participants from the Sahelin region.

Sahel Regional Food Crop Protection

AG/SHL-928-1-76 (Formerly 916-1-76)

September 1975 - On-going

Crop protection specialists from APHIS, USDA, continued to provide assistance to the Sahelian countries of Senegal, Cape Verde, Cameroon, Guinea Bissau, Mauritania, and the Gambia. The objective is to develop effective measures to protect crops from the ravages of insects and disease, and to increase food crop production. Short-

term assistance was also provided by technicians from SEA and APHIS. The technicians worked with participants from each of the countries to improve the capabilities of national crop protection departments throughout the region.

Sahel Soil Conservation Training
AG/SAH-0929-1-79

December 1980 - February 1981

A team of USDA specialists held a seminar in soil conservation for participants from the seven Sahelian countries. The seminar on Soil Protection and Restoration Techniques was designed to help each country plan and implement programs and projects. The program dealt with problems of soil erosion, declining soil fertility, loss of vegetative cover, and management of water resources.

Somalia Agricultural Extension/Training/Research
AG/SOM-0101-01-79

March 1979 - December 1982

The Somali Government has singled out the extension service as the agricultural institution most critically in need of training and technical assistance. The USDA is cooperating with AID to train farmers and extension workers in simple methods and to develop improved practices which can be applied by small farmers possessing limited resources. The USDA agencies have provided a host of short-term extension specialists, and a five-member team of long-term technicians. As the project nears completion, four of the five technicians are to return to the U.S. by late summer 1982.

Tanzania Rural Development Training
AG/TAN-0149-1-80

November 1979 - September 1984

The Training for Rural Development Project proposes to strengthen the managerial and technical capacities of decentralized rural development institutions, to contribute to agricultural growth, expanded rural services, and enhanced self-help activities. The project is expected to begin a Phase II, 6-year effort in early 1982, adding a second resident technician and a host of TDY activities.

Tanzania Sterility Method for Tsetse Fly Control
AG/STB-0030-1-00

June 1962 - September 1982

This project is one of the most long-standing and successful PASA efforts undertaken by the USDA. A team of resident technicians worked in Tanzania for much of the 1970s. The work demonstrated that sterile male technique was practical and could be applied on a large scale basis. Current activities consist of monitoring and maintenance through the International Atomic Energy Agency, including laboratory operations and upkeep of facilities. It is expected that this work will be included in a larger, multi-donor, international African tsetse fly effort, by the end of fiscal 1982.

Tunisia Livestock Feed Production and Utilization

AG/TUN-0293-2-77

October 1976 - April 1982

During fiscal 81, USDA provided the service of six resident technicians and four short-term technicians from OICD, SCS, and SEA, to improve forage and livestock production, agricultural extension, and utilization of by-products in Tunisia. The overall objective of this project is to develop the Tunisian government capability to reach the small livestock farmer with modern technology in forage production, feed utilization, and livestock management. In general, the team of agricultural experts is responsible for aiding the on-the-job training of a cadre of Tunisian technicians in proper methods for production and utilization of forages and superior forage seeds.

The U.S. team is responsible for developing on-farm extension demonstrations concentrating on the proper utilization of available feeds and improved livestock management practices, to maximize production of milk and meat and thus farm income. The keeping and using of farm management records is also emphasized. The technicians teach the techniques and procedures for analyzing the profitability of different farm operations, and assist in the establishment of livestock project data collection and evaluation systems for the Tunisian National Livestock Office.

Tunisia Small Farmer Supervised Credit

AG/TUN-0302-1-78

July 1978 - December 1982

Resident and short-term advisors continued to assist the Government of Tunisia in the implementation of a supervised credit program. The project will improve agricultural production input and technical know-how to increase the level of production technology employed by a significant number of small and medium farmers.

Upper Volta Forestry Education and Development

UPV-0235-P-AG-1002-00

January 1981 - June 1983

Five USDA technicians will work in the classified forest at Dinderesso, near Bobo-Dioulasso. Three will serve as instructors at the school for forestry agents; the other two will be forest managers. The project is expected to provide a model for forest management and use for national forests throughout the Sahel.

Upper Volta Semi-arid Food Grain Research and Development (SAFGRAD)

UVO-0393-P-AG-1103-00

August 1981 - December 1983

A USDA resident technician will serve as Development Specialist under this project. His duties will include project coordination and planning among the varied participating groups, and the development of technical backstopping, as needed.

Upper Volta Semi-arid Food Grain Research and Development (SAFGRAD) Evaluation
AFR-0393-P-AG-1059-00

May - June 1981

Four USDA technicians participated in an extensive evaluation of the SAFGRAD project, designed to analyze progress to date and recommendations for improved activities and organization. On completion of the evaluation, a detailed report was made to AID.

Upper Volta Village Livestock Development

AG/UV-0203-1-80

September - November 1980

A rural sociologist and a range management specialist studied and evaluated a Village Livestock Development Project in Upper Volta. An objective evaluation of accomplishments achieved in fulfillment of the project's intended purpose from its beginning in May 1976 was provided.

Zaire Agricultural Economic Development

AG/ZAR-052-7-73

December 1972 - November 1981

An agricultural economist on resident assignment in Zaire, supported by TDYs, assisted the Government in planning, analyzing, and implementing public actions related to the agricultural sector. The project goal is to create an agricultural economic analysis and statistics gathering capability within the Zaire Ministry.

Africa Development Resources

USDA-2-80

October 1980 - On-going

The RSSA is designed to provide a wide variety of assistance to AID in Washington and in the field. It is staffed by long-term USDA employees, and by short-term employee TDYs and contractors as appropriate. Recent activities have included design of PL480 Title III Food Aid Development programs, preparation of project papers, and development of programs to assist Uganda.

Africa Food Grain Research

AG/AFR-393-1-80

January 1980 - March 1982

An OICD agricultural economist is assisting the regional affairs staff, AID/Washington, and AID missions in connection with food grain projects and related activities. This includes training, extension, marketing, storage and intermediate technology.

Africa Technical Services

USDA-01-77

December 1976 - On-going

USDA is providing technical services to both the overseas missions and AID/Washington, to meet requirements of project and policy formulation, design, implementation, and evaluation in the Sahel. Technicians assist

in the preparation of documents, and the evaluation of appropriate program-related activities for loan and grant projects. Examples of services provided in fiscal 1981 include a forester to work with the AID Mission in Niamey, a long-term agricultural economist to work with AID Washington in the review of projects, and a member of a Sahel regional project evaluation team.

Other Sponsorship

Cameroon Shoreline Stabilization (IBRD)

December 1980

A USDA conservationist assisted in carrying out an International Bank for Reconstruction and Development project. He advised on the use of shoreline common reed grasses to check erosion caused by wave action on a dike system.

Nigeria Insect Rearing Facilities (IITA)

April - October 1980

A USDA scientist from SEA completed a six-month assignment in Nigeria at the request of the International Institute of Tropical Agriculture. He assisted in setting up an insect-rearing facility and made suggestions as to proper diet, equipment, and testing operations.

Nigeria Soil Survey

607 (Reimbursement) Funds

August 1981 - 1983

Working with Nigerian Soil Survey counterparts and technical teams, four USDA technicians are assisting in the preparation of a comprehensive soil survey map of Nigeria. The project will provide on-the-job training and equipment necessary to enable the Nigerian Ministry of Agriculture to continue the soil survey process following the completion of the USDA assignments. All costs of the project are being reimbursed by the GON.

Tunisia Watershed Management (UNDP)

October 1980

A USDA conservationist assisted the United Nations Development Program, in evaluating the program for curtailing soil erosion in Tunisia, and making recommendations for improving the effort.

Agency for International Development Sponsorship

ASIA

Burma Maize and Oilseeds Production

BUR-0249-P-AG-1052-00

April - June 1981

This project is intended to assist the Burmese to increase production of both oilseed crops and maize. The activity is viewed at the first step of a 15-20 year effort to increase agricultural production of selected key crops which will increase food supplies, consumption and producer earnings. A team was sent to Burma to design the production project and develop a draft project paper. It is expected that the project will be implemented in FY 82.

India Maharashtra Medium Irrigation

IND-0249-P-AG-1063-00

June - July 1981

The proposed medium irrigation project in Maharashtra required the assistance of an appraisal team to develop a feasibility report. A team of four specialists from USDA/Soil Conservation Service spent six weeks in India reviewing representative projects. They then provided recommendations on organizational, technical, economic and social aspects of the program.

Indonesia Professional Resources Development II

AG/IND-0275-2-80

September 1980 - September 1983

This project is designed to upgrade the management and training skills of officers in the Indonesian Department of Agriculture and Department of Education and Culture. Comprehensive staff training plans for the two departments feature in-country management training, and both long and short-term specialized training in the U.S. and third countries. Two resident technicians are assisting the Government of Indonesia in the development and refinement of long-range training programs.

Malaysia ASEAN Plant Quarantine

BAS-0258-P-AG-1034-00

July 1981 - July 1983

This five-year project is designed to improve the capability of plant quarantine personnel of the Association of South East Asia Nations (ASEAN). It is primarily an institution building effort which supports

member countries commitment to improve plant quarantine services. The technical assistance is being provided through USDA/APHIS as well as the university community. One resident advisor is in Kuala Lumpur.

Nepal Agricultural Trainer Development
NEP-0133-P-AG-1030-00

December 1980 - February 1981

Trainers were supplied to conduct USDA's Agricultural Trainer Development Course for agriculture and rural development training personnel in Nepal. Twenty-seven participants received the training. It is anticipated that similar follow-up activities will be undertaken through 1983.

Nepal Rural Area Development

NEP-0129-P-AG-1050-00 (Formerly AG/NEP-0249-1-79)

August 1979 - September 1981

A slide stabilization engineer and an engineering geologist worked on short-term assignments to prescribe restorative measures for stabilizing slides which have developed along the recently constructed Western Hills Road. The proposed system is technically and economically appropriate for implementation in Nepal, taking into account the construction equipment already on the project, or that which may be made available from within Nepal.

Pakistan Agricultural Research

AG/PAK-296-21-75

March 1975 - September 1982

This project began in 1975 with the objective of assisting the Pakistan Agricultural Research Council (PARC) in the formulation and execution of a national multidisciplinary research program. A resident technician assisted PARC for two years. Several short-term technicians have reviewed the agricultural research program in an effort to better integrate new goals and directives into the existing system.

Pakistan On-farm Water Management

AG/PAK-401-06-74

January 1974 - June 1981

This project was initiated in 1974. Resident and short-term technicians assisted the Government of Pakistan in all aspects of the technical and operational function of an onfarm water management program. Technicians provided advisory services in precision land methods, watercourse reorganization and improvement. Also included were demonstrations to farmers showing how production increase can be realized through precision land leveling, coupled with the adoption of improved agronomic practices.

Philippines Small Farmer Systems
PHL-0361-P-AG-1007-00

November 1980

The purpose of this Small Water Impounding Project is to increase the irrigation water supply for the small farmers. A specialist from USDA's Soil Conservation Service conducted a thorough investigation of the project. He also advised the Farm Systems Development Corporation and the AID Mission on the type of advisory services needed for its successful completion.

Sri Lanka Forest Products Laboratory/Solar Kiln
AG/SRI-0044-2-80

October 1980 - February 1981

Two USDA/Forest Service technicians from the Forest Products Laboratory were detailed to assist personnel of the Government of Sri Lanka in the design and erection of a 1,000-board foot prototype solar kiln. The technicians also established drying schedules of the different species of timber that required drying.

Sri Lanka On-farm Water Management
AG/SRI-048-2-80

October - November 1980

A specialist from the Agricultural Research Service provided technical input into the evaluation of the On-farm Water Management Project. Completed work was reviewed and a report developed for use by all evaluation committee members. The adequacy and validity of the Project was assessed, and recommendations made for improvements.

Thailand Agricultural Planning
THA-0317-P-AG-1068-00

July 1981

This project is designed to strengthen the capabilities of the Thai Office of Agricultural Economics (OAE) to carry out policy, problem identification and analysis, planning, data management and integrated project preparation functions. An area frame sampling and remote sensing specialist from the Statistical Reporting Service has been assisting in the early stages of this project. He has been working on a general farm survey for better estimates of agricultural production as well as training OAE personnel in area frame sampling.

Thailand Community Development
THA-0000-P-AG-1038-00

May 1981 - May 1983

A resident specialist is assisting the AID Mission in agricultural project planning, and evaluation of USAID/Thailand activities. He is responsible for providing recommendations to agricultural development officers on matters of policy, project design and implementation in relation to overall management and improved production of field crops.

The purpose of this agreement is to provide for the technical services of agricultural and/or rural development specialists. Their responsibilities are to assist in the formulation, design and associated preparation of documentation for proposed projects, the implementation and evaluation of on-going projects, and other appropriate program related activities of AID's Asia Bureau. The services of a rural development advisor have been utilized in Washington and Indonesia. An agricultural economist assisted in Sri Lanka.

Other Sponsorship

Bangladesh Energy from Wood (FAO)

February - April 1981

The Food and Agriculture Organization (FAO) requested the services of a technician from USDA/Forest Service for a study of the uses of wood for heating and cooking in Bangladesh. This activity was followed by the development of a report with recommendations for procedures to increase the efficiency of wood utilization.

India Citrus Rootstock Breeding (FAO)

October 1980 - February 1981

A citrus specialist from ARS was provided to assist the Tropical Horticulture Center, Bangalore, in a review of the research program in citrus rootstock breeding. Seminars and lectures were prepared for post-graduate students. Several experiment stations were visited.

India Horticulture (FAO)

October - December 1980

The Food and Agriculture Organization (FAO) requested the assistance of a plant physiologist to work at the Tropical Horticulture Center in Bangalore. An Agricultural Research Service specialist was able to assist in formulating research programs on seed pollen storage in tropical horticultural crops, and in organizing a national seminar on conservation of genetic resources in agri-horticultural crops.

India Seed Quarantine (FAO)

November - December 1980

A research plant pathologist from the Agricultural Research Service was provided to assist in an extended seminar on "Quarantine for Seed in Developing Countries of Africa and Asia." Research facilities in Hyderabad and Bombay were also reviewed.

The World Bank utilized the services of conservation engineers from the Soil Conservation Service. They worked with identification teams for soil and water programs, including water harvesting and other related resource activities in the Province of Baluchistan.

Agency for International Development Sponsorship

LATIN AMERICA

Dominican Republic African Swine Fever

AG/DR-0135-1-79

March 1979 - September 1981

USDA provided a group of multidisciplinary scientists to assist with the successful eradication of African Swine Fever in the Dominican Republic. The project, in its second phase, aimed at restocking the country with improved breeds of swine.

Dominican Republic African Swine Fever Evaluation

DOM-000-P-AG-1022-00

January 1981 - February 1981

USDA provided a 3-man team of multidisciplinary scientists for one month to provide technical assistance in evaluating Dominican efforts to eradicate African Swine Fever from that country.

Dominican Republic Agricultural Sector Analysis (Phase II)

AG/DR-0117-2-79

October 1979 - January 1981

USDA provided long-term assistance to the Secretariat of Agriculture (SEA) on the use of computer software packages for partial equilibrium analytical techniques and conducted training courses sharpening the analytical skills of SEA personnel.

Dominican Republic Natural Resources

AG/DR-0000-1-80

October 1980 - October 1982

USDA is providing long-term technical assistance in natural resource economics to the multidisciplinary Resources Inventory and Analysis Unit of the Ministry of Agriculture in the Dominican Republic.

Dominican Republic Soil Conservation Training

AG/LAR-0588-7-80

January - February 1981

The USDA provided 2 person months of short-term technical assistance and training materials in Spanish to conduct a series of soil conservation courses for professionals of the Dominican Department of Soils and Water. The courses were modeled on USDA/SCS work in Puerto Rico and were found to be particularly appropriate to Dominican circumstances.

El Salvador Agrarian Reform
AG/ELS-0259-2-80

September 1980 - March 1981

USDA provided the services of an agricultural advisor to assist small farmers in regions undergoing agrarian reform with timely and properly managed credit resources.

Guatemala Small Farmer Improvement
AG/GUA-233-1-77

January 1977 - April 1981

Resident and short-term technicians assisted the Ministry of Agriculture of Guatemala in improving its capacity to plan, program, and deliver improved technical assistance and other services to the rural poor target group.

Guyana Manpower Training
GUY-0060-P-AG-1057-00

March 1981 - July 1982

USDA is providing technical and management training to the Ministry of Agriculture to improve the ability of Guyanese personnel to perform technical and managerial functions within the agricultural sector. Eight in-country training courses dealing with the priority areas of soils, livestock, crop research, extension and management are being provided.

Haiti Integrated Agricultural Development
AG/HAI-0078-1-80

June 1980 - December 1983

A six-man USDA resident team is assisting the Division of Natural Resources, Ministry of Agriculture, to launch comprehensive soil conservation projects in priority watersheds. Project activities focus on the organizational development of the Division of Natural Resources. Field operations include on-the-job training in restoration work on steep hillside farming units.

Haiti Small Farmer Credit
HIA-0073-P-AG-1023-00

January 1981 - February 1981

USDA provided two instructors for a four-week training course of Bureau de Credit Agricola credit officers in small farmer credit distribution and administration.

Honduras Agricultural Credit
HON-0034-P-AG-1-046-00

March 1981 - March 1983

USDA is providing long-term technical assistance in agricultural credit to USAID/Honduras and to the President, National Agricultural Development Bank (BANADESA), in order to provide the small farmers with timely and properly managed credit resources.

Honduras Agricultural Development
AG/HON-OE-3-79

March 1981 - March 1982

USDA has provided a long-term agricultural economist to the AID Mission in Tegucigalpa to assist in the management and implementation of a variety of agricultural sector projects.

Honduras Agricultural Economic Analysis
AG/HON-OE-2-3-80

September 1980 - October 1982

USDA is providing the services of a resident technician to assist the Government of Honduras (GOH) in the collection of agricultural marketing information and the preparation of a GOH marketing program.

Honduras Agricultural Sector II, CRIES
HON-034-P-AG-1004-00

November 1980 - December 1984

USDA is providing assistance to continue work already underway in Honduras under the Comprehensive Resources and Evaluation System (CRIES) project. CRIES was developed to provide an integrated approach for addressing agricultural and natural resource issues using a multidisciplinary staff and establishing automated systems for storing and managing information.

Honduras Agro-Industrial Development
HON-0120-P-AG-1082-00

September 1981

USDA provided six weeks consultant assistance to perform a final evaluation of the Agro-industrial Export Development Project conducted in the Comayagua Valley of Honduras.

Honduras Environmental Technology
AG/HON-522-2-79

August 1979 - July 1981

USDA provided the long-term assistance of an hydrologist to the Honduran Ministry of Agriculture to manage the implementation of an AID-funded Water Resource and Environmental Conservation Project.

Honduras Forestry Design
HON-9103-P-AG-1048-00

April - July 1981

USDA provided a seven-man multidisciplinary team to assist in an intensive review of the constraints on and potential for forestry development in Honduras. The team worked closely with the Honduran Forest Development Corporation to pinpoint problem areas in their administrative structure and forest and wood-related industries.

Jamaica Agribusiness Survey
JAM-0079-P-AG-1093-00

August 1981 - September 1982

USDA is providing a mechanism through short-term assistance to lay the groundwork for participation by the U.S. private sector in the revitalization of Jamaican agriculture. The project focuses on stimulation of U.S. agribusiness investment and trade with Jamaica including the formulation of joint ventures, provision of management expertise and technology, and the sale of U.S. capital goods.

Jamaica Agricultural Marketing Development
JAM-0060-P-AG-1053-00

April 1981 - January 1986

USDA is providing a resident team to assist the Jamaican Ministry of Agriculture in improving the antiquated agricultural marketing system in that country. The project is divided into two phases emphasizing institutional development and the development of sub-terminal marketing facilities.

Jamaica Management Training
AG/JAM-0061-2-80

September 1980 - October 1980

USDA provided the short-term services of two instructors for an in-country training course for Ministry of Agriculture personnel. The course was aimed at upgrading the capability of the Ministry to manage training of its personnel, collect and analyze data, and to use this expanded capability to plan for increased agricultural production.

Portugal Agricultural Production Program Design
AG/POR-000-1-80

June 1980 - December 1980

Work was completed at the end of 1980 on the development of a comprehensive action program of coordinated, time-phased technical assistance to Portugal's Ministry of Agriculture and Fisheries to be conducted over the next five years. USDA is currently implementing this program.

Portugal Agricultural Production
POR-0023-P-AG-1028-00

February 1981 - September 1985

USDA is providing long and short-term technical assistance to Portugal's Ministry of Agriculture and Fisheries during the next five years. Although the primary focus of the project is on soil correction, technical assistance in agricultural policy, transportation, small farmer credit, project management, forage production, farming systems and agricultural marketing will also be provided.

Latin America Sector Assessment
RSSA/USDA-1-76

1976 - On-going

Long and short-term analytical support is provided to AID/Washington and overseas missions in the design, implementation, and evaluation of rural development projects.

Latin America/Caribbean Crop Credit Insurance Systems
RSSA USDA 1-79

March 1979 - On-going

USDA is providing short- and long-term technical assistance over a five-year period to enable small farmers throughout Latin America to obtain crop credit insurance.

ROCAP (Regional Office for Central American Programs) Agricultural Information Systems
AG/ROCP-048-01-76

July 1975 - June 1981

USDA provided advice and assistance in the implementation of a Central American Agricultural Research and Information System on a regional basis in consultation with the Inter-American Institute for Agricultural Services (IICA), Costa Rica.

ROCAP (Regional Office for Central American Programs) Small Farmer Production Systems
AG/ROCP-083-1-79

March 1980 - March 1981

A resident USDA research specialist was placed on the core staff of the Tropical Agricultural Research and Training Center (CATIE). He assisted in the development of a systems approach to small farmer research, taking into account all small farm activities.

Other Sponsorship

Argentina Foot and Mouth Disease (FAO)

May - June 1981

USDA provided a veterinary medical officer to review Foot and Mouth Disease vaccines, Foot and Mouth Disease virus in meat and meat products, and the vaccination program in Argentina.

Chile Fruit Production Forecasting (CORFO)

September 1981

USDA provided short-term technical assistance by two SRS statisticians over a two-week period. The specialists assisted in the final phase of CORFO's (Corporacion de Fomento de la Produccion) project related to forecasting fruit production, especially apple production.

Chile Mediterranean Fruit Fly Control (FAO)

October 1980 - December 1980

USDA provided the short-term technical assistance of an entomologist to the Chilean Government to support an FAO sponsored project.

Mexico Soil Water Conservation (IBRD)

May - September 1981

USDA provided three conservationists to assist the World Bank in developing a comprehensive soil and water conservation plan for three regions of Mexico. The conservationists also assist in a surface drainage appraisal of a water management project for the San Fernando Rainfed Development Project.

Venezuela Trust Fund

March 1981

USDA provided short-term services of a soil scientist to the Venezuelan Ministry of Agriculture under a reimbursable agreement with the Government of Venezuela.

Multi-Country African Swine Fever (FAO)

November - December 1980

USDA provided an information specialist to take part in orientation discussions with national officials in Brazil, Uruguay, Venezuela, and Colombia. The discussions presented information to alert officials about African Swine Fever prevention/eradication programs and to stimulate national action.

Agency for International Development Sponsorship

MIDDLE EAST

Egypt Agricultural Data Collection and Analysis
AG/EGY-0142-P-AG-1060-00

May 1981 - August 1985

USDA economists and statisticians are assisting the Ministry of Agriculture and Food Security in Egypt. Objectives are to develop staff and institutional capacity within the Agricultural Economics Research Institute in the fields of agricultural statistics and related agricultural economic research planning and methodology development. USDA training personnel are assisting in development and implementation of related training programs. To date, Phase I of the project, planning, is completed and implementation will begin in January 1982.

Jordan Project Manager
AG/JOR-000-1-80

August 1980 - October 1981

An agricultural economist has served on the Food and Agriculture staff in the USAID Mission to Jordan since 1980. He has designed and is presently managing a project to establish three agricultural research sites in the heart of the Jordan Valley.

Saudi Arabia - Joint Commission
(Provided by USDA on a Reimbursable Basis)

June 1974 - On-going

Agricultural Affairs

This project covers a variety of different activities including soil mapping, range management, cadastral surveys, and the creation of a national park system. Because of the complexity of this project it is being sub-divided into: (1) extension, (2) lands, (3) range and (4) parks. USDA and U.S. Department of Interior personnel cooperate on the various such projects.

Agriculture and Research Development

U.S. personnel are working on special development projects requested by the Saudi Arabia Ministry of Agriculture and Water. Activities include reviewing proposals presented by contractors, and advising on planning and monitoring projects, especially as they require skills in civil, mechanical, and agricultural engineering and irrigation technology.

Agricultural Statistics and Economic Analysis (Formerly a part of Planning, Economic Analysis)

U.S. personnel have assisted the Ministry of Agriculture and Water in their overall planning for development of the agricultural sectors. This includes developing a statistical capability for the gathering and analysis of agricultural data, preparation of market feasibility studies, and assisting in the training of Saudi counterparts.

Agriculture and Water Research Center

A team of U.S. research scientists, along with scientists from the American University of Beirut, is assisting in developing the research center. Particular attention is given to developing agriculture on arid and semi-arid land. Personnel include scientists in disciplines related to crops, livestock, food science, and soil and water and chemistry plus administrative personnel. Land has been acquired for field research to further test laboratory results. Soil and water samples from various parts of the Kingdom are being analyzed.

Data Processing and Information System (Formerly a part of Planning, Economic Analysis and Statistics)

USDA automated data processing personnel are assisting the Ministry of Agriculture and Water in the establishment of an automated Data Processing Center and Information System. This is a new activity initiated in 1980 and is expanding very rapidly.

Project Development and Management (Formerly Coordination)

The USDA is providing a Team Leader and an Administrative Officer to help coordinate the other activities within the Saudi Arabian Ministry of Agriculture and Water. A Manpower Development Officer also is assigned to assist in the placement of Ministry personnel in training programs in the U.S. These programs include both short and long-term academic training, as well as observation visits by Saudi farmers. For example, during last year 15 Saudi date farmers spent 10 days in California observing all aspects of date production and processing. Saudi Arabia is considering building four large date processing plants.

The Department will assist in facilitating this project. This year the Department assisted with the procurement of equipment for one bulk plant from Elliott Manufacturing Co., California.

Other Sponsorship

Bulgaria Seed Maintenance (FAO)

May 1981

A USDA scientist consulted with the Sadovo Institute on multiplication of introduced samples of seed so that population structure could be maintained for cross-pollinated species. He also gave advice for methodology to deal with self-pollinated crop samples and advised on regeneration procedures.

Egypt Cotton Arbitration and Testing Laboratory (FAO) November 1978 - On-going

Under the auspices of FAO, USDA is assisting the Government of Egypt in the establishment of additional laboratories and in the implementation of its programs including: (1) the classification and evaluation of the cotton crop, (2) training Egyptians on the classes of short staple imported cottons, (3) the preparation of cotton standard boxes for grades of all varieties, (4) the determination of moisture regain, and (5) the determination of fiber and grain properties of Egyptian and foreign cottons.

Egypt Forest Policy (FAO)

March 1981

A USDA forester participated in a one-week seminar on forest policy and institutions sponsored by FAO.

Greece Olive Fly (FAO)

November - December 1980

A USDA scientist consulted with Greek authorities at the Nuclear Research Center concerning control of the olive fly.

Italy Agricultural Marketing Training (FAO)

May - July 1981

A USDA agricultural economist participated in a FAO/Near East seminar on strengthening agricultural marketing training at the university level. He organized the preparatory activities of the workshop related to Near East universities, summarized the recommendations and follow-up action proposed by the workshop, and implemented the final report presented to the participating governments.

Saudi Arabia Improvement of Date Culture in the Kingdom of Saudi Arabia (FAO)
May - June 1981

A USDA scientist consulted with the Government of the Kingdom of Saudi Arabia to discuss preparations for a pilot project for date palm development. The final report contains recommendations for implementing a date production project.

Agency for International Development Sponsorship

U.S. - BASED - MULTI-REGIONAL

Agricultural Planning and Support Services (Agribusiness)

AG/DSB-1398-1-78

August 1978 - On-going

A team of agricultural specialists is assisting AID in designing and developing viable projects in agribusiness and small scale rural enterprise projects in LDC's.

Agricultural Research Support Services

RSSA USDA-2-75

December 1974 - On-going

An agricultural economist has particular responsibility for (a) evaluation of the effects of international agricultural research centers, (b) the preparation of budgetary estimates and materials for the international agricultural research programs funded by AID, and (c) other staff duties concerning this program as assigned. The centers and research programs are sponsored by the Consultative Group on International Agricultural Research, and the Asian Vegetable Research and Development Center.

Board for International Food and Agricultural Development (BIFAD)

WOW-000-R-AG-1006-00

December 1980 - March 1981

Limited assistance was provided to BIFAD in researching, writing and overseeing the production of a leaflet outlining the program of BIFAD. Provided partial support for a cooperative research project with the University of Florida on water buffalo use in LDC's.

Crop Production and Utilization

BST-4109-R-AG-1085

August 1981 - On-going

USDA specialists are providing assistance to AID's Washington office and overseas missions for planning and implementing projects for increased production and improved utilization of cereal grain, grain legume, and oil seed crops.

Dryland and Irrigation Support

BST-4021-P-AG-1080

July 1981 - December 1982

Selected soil and water management specialists and scientists are providing services to develop a capability to support dryland

agriculture programs as well as irrigation programs planned and implemented in less developed countries.

Economic Analysis Support
RSSA USDA-6-74

October 1975 - On-going

Agricultural specialists are working with AID in evaluating past activities. Results are used in new projects being designed or proposed for future implementation to make them more effective. Research efforts are directed at persistent economic problems in the agricultural sector in selected low-income countries. Objectives are to see that programs of basic and applied research and technical assistance can be implemented more effectively to improve the conditions of the rural poor in the countries where assistance is provided.

Energy Expansion Through Biomass Production
PASA-AG/DSB-5709-6-79

October 1979 - 1984

Technical specialists from Forest Service and SEA work cooperatively with AID to assess existing and developing bioresource technologies to assist Less Developed Countries (LDC's) meet energy needs. The emphasis is on use of biomass production and utilization for energy and the environmental impact of its removal.

Expanded Program for Economic Analysis, Comprehensive Resource Inventory and Evaluation (CRIES)
AG/DSB-236-14-76

June 1976 - December 1982

Agricultural economists and physical scientists in the United States, supported by short-term agricultural specialists, are assisting in the development of a Comprehensive Resources Inventory and Evaluation System (CRIES). Its objectives are to develop methodologies for the efficient collection of resource data and the organization of such data for use in agricultural and rural sector planning and decision making, taking into account the availabilities of land and water resources. The system has been used by USDA in the Dominican Republic and Honduras.

Financial Management Training
SAH-0929-P-AG-1094

September 1981 - April 1982

Through the USDA/OICD Development Project Management Center, assistance is being provided to the Permanent Interstate Committee for Drought Control in the Sahel, in Upper Volta, and the Sahel Institute in Mali for the installation and maintenance of an accounting control system.

Food and Nutrition Technical Services
RSSA USDA-1-74

January 1974 - On-going

A group of food technologists are assisting AID and the AID missions in identifying, developing, and providing the use of low-cost, nutritionally-balanced foods in order to improve the nutritional status of malnourished populations in less developed countries. Primary focuses of the projects are nutritionally improved and fortified staple foods, utilization of processed foods, weaning foods, and village-level processing technology. The program is coordinated by the USDA/OICD Nutrition and Agribusiness Group.

Forestry Support Program
RSSA/USDA-1-80

November 1980 - On-going

Provides AID with forest resource expertise to implement a worldwide forest resource management program. Specialists provide socially and technically relevant expertise in forestry and related natural resources to meet LDC assistance requirements.

Information and Technical Inquiries
RSSA/USDA-3-74

March 1974 - On-going

The Washington-based Information and Technical Inquiries staff researches information in response to technical inquiries received from AID mission and USDA PASA personnel, host-government institutions and Peace Corps volunteers. Utilized are information resources of USDA, universities and worldwide centers of agricultural expertise, in addition to bibliographic data base files. Experts in the subject fields are also called on for technical input and information. The National Agricultural Library is coordinating the provision of the USDA Current Awareness Literature Service (CALIS) to selected AID personnel and is working on the conversion of files of soils, arid lands and the Sahel Institute to its data base.

Livestock Production Capability
USDA-2-79

August 1979 - September 1982

This project assists AID's Office of Agriculture by providing the service of expert advisers in livestock health, animal nutrition and disease control as well as vertebrate pest control. The project is providing a full-time livestock health specialist, an animal nutritionist, and a program assistant who assist in program design and management, evaluation, field support and technical representation. Short-term experts are provided to meet specialized requests from AID overseas missions, regional bureaus, and the agriculture production division.

Nutrition and Development
AG/PPC-096-1-80

July 1980 - January 1981

A nutritionist from USDA's Food & Nutrition Service assisted AID's Human Resource Office to provide a report which reviewed nutritional implications of livestock development among pastoral population, the report recommended approaches for integrating the findings into project policy and design procedures.

Nutrition Economics
RSSA/USDA-3-77

July 1977 - On-going

A staff of USDA/OICD economists is providing assistance to AID and USAID missions in less developed countries with economic inputs into the development, implementation, and evaluation of AID and mission food and nutrition programs and projects. The staff develops and implements procedures for evaluating the impact of various government policies and programs on human nutrition.

Pest Management Capability
AG/STB-4071-4-79

August 1979 - On-going

Pest management specialists provide technical advice and assistance to AID's Office of Agriculture on Plant Pest and Disease Programs and Policies and assist in evaluating ongoing and proposed projects. In addition to an APHIS plant pathologist, other crop physiologists, nematologists and entomologists respond to AID's specific needs.

Plant and Seed Materials
RSSA/USDA-3-74

February 1974 - On-going

The Department of Agriculture is providing the USAID missions, upon request, assistance leading to increased food production in less developed countries. This is achieved through agricultural research using experimental seed and plant material, and by broadening the germplasm base available to local plant breeders in LDC's. The project also includes a coffee germplasm bank at the USDA facilities in Glenn Dale, Maryland, and Miami, Florida.

Production Indices
USDA-2-74

January 1974 - On-going

Economic resource assistance is provided to AID to meet its special demand for agricultural production indices, to be incorporated into AID congressional presentations and other reports. The information furnished by USDA is utilized in various AID and USDA publications, and will be used in AID economic data sheets for each country.

Project Development Support
AG/TAB-226-4-77

August 1977 - 1982

USDA social science analyst support is designed to increase the effectiveness of LDC governments to organize and manage public programs which assist poor communities to improve their economic and social status. Services include application of social science to rural development problems and analysis, design and application, emphasizing indigenous capabilities.

Project Management Effectiveness
AG/DSB-096-6-76

1976 - On-going

Supports the Development Project Management Center (DPMC). Provides technical assistance for the design of project management improvement efforts, systems design, organizational development, consultation on project problems and opportunities, training for development of appropriate skills and other forms of management assistance to less developed countries.

Remote Sensing for Agriculture
AG/DSB-1224-6-78

October 1977 - December 1982

Experts from the Statistical Reporting Service (SRS) are providing technical assistance in implementing remote sensing area frame sampling in 13 developing countries. The technicians develop area frame samples by remote sensing techniques and specific Landsat imagery and air photos. It enables less developed countries to improve crop prediction accuracy.

Rural Development Research
BPP-0000-P-AG-1070

July 1981 - February 1982

USDA, in cooperation with Stanford University, is preparing a concepts paper that identifies programs, policies, and projects that are most likely to generate an increase in the rate of economic growth. The information will enable AID to more effectively meet the demands of poor people in developing countries.

Rural Development Support
RSSA/USDA-4-77

May 1977 - On-going

A number of technicians are assisting the professional staff of the Rural and Administrative Development Office of the Science and Education Bureau of AID by providing technical assistance to that office as well as regional bureaus and missions. USDA specialists

In economics, rural sociology, social sciences, and data system management provide support in (a) public work planning, (b) rural entrepreneurship and marketing, (c) managing benefits to the poor, (d) food security management and (e) data management systems.

Soil Management Support

AG/DSB-1129-5-79

August 1979 - September 1982

USDA's Soil Conservation Service has established an International Soils Program Staff to assist in the programming and coordination of soil survey, classification, interpretation, land use and management of soils in the lesser developed countries. The project responds to technical assistance requests from AID missions, host countries and international organizations. Seven international soil classification committees designed to refine soil taxonomy, particularly with respect to classification of soils of the tropics, have been established under this project.

Symbiotic Nitrogen Fixation

AG/TAB-610-9-76

April 1976 - 1982

This project provides funding for subagreements with small and scattered groups of scientific experts on rhizobia and biological nitrogen fixation. Grants are for the purpose of conducting research on different factors limiting symbiotic nitrogen fixation and to develop methods to overcome these limiting factors in the effort to maximize world food production.

Wheat Fortification

AG/TAB-231-11-76

August 1976 - Completed in 1980

The Western Regional Research Center, USDA, provided expertise in implementing new food fortification technology in less developed countries. This was achieved through the introduction of low-cost, nutritionally improved wheat-based foods, and accelerating the utilization of such technology through dissemination of information and demonstration of their utility for nutrition intervention programs.

World Rhizobium Studies

RSSA/USDA-4-76

September 1976 - On-going

USDA technicians, principally ARS, are working to establish a safe, perpetual depository and collection center for rhizobium cultures. The source materials will be available to researchers worldwide, to upgrade plant production beneficial to less developed countries in their efforts to increase food production.

Other Sponsorship

Budget Projections (FAO)

October 1980 - November 1980

An economist from USDA assisted FAO in the preparation of its budget projections for the coming project year.

Plant Quarantine (FAO)

April 1981 - July 1981

A scientist from the Agricultural Research Service visited seven International Agricultural Research Centers to review plant quarantine facilities as they are related to the safe movement of germ plasm. The scientist also prepared recommendations on how the centers should proceed in improving current phytosanitary and certification practices.

Remote Sensing Training (FAO)

January 1981 - April 1981

Three USDA specialists worked with the Remote Sensing Institute, South Dakota State University, to train a group of Argentinians in remote sensing data registration, computer classification, analysis techniques, and the area sampling frame.

Projects Completed March 1979 - September 1980
by Geographic Area and Sponsorship

Agency for International Development Sponsorship

AFRICA

Chad Comprehensive Human Resources Development
AG/CHD-005-1-78

May 1978 - May 1980

Political conditions in Chad resulted in an early termination of this project. Since December 1978, a resident management trainer had served as a member of a four-man team which worked to improve the efficiency of Chadian development administration, and the management of development programs. The project goal was to establish a Chadian institutional capability to carry out training programs in project management.

Ghana Agricultural Project Manager
AG/GHN-0000-3-78

July 1978 - March 1980

An OICD employee completed a 20-month assignment in Ghana, working under the direction of the agricultural development officer. In the first months, he served as Agricultural Project Manager, Small Farms Systems Research, providing data on developing and improving small farms. He served as the Deputy Agricultural Development Officer for the remaining 15 months.

Liberia African Manpower Development
AG/AFR-0384-7-80

June 1980 - September 1980

Two training consultants presented a course "Analysis of Agriculture Capital Projects" to staff and technical level personnel of the Liberian Ministry of Agriculture.

Liberia Manpower Development
AG/AFR-0384-4-79

July - September 1979

An OICD Agricultural Economist assisted the East African Management Institute (EAMI) in the implementation of a six-week course in Agricultural Management (National Policy and Planning).

Mauritania Manpower Development
AG/MAU-0920-1-79

September 1976 - June 1980

A project management analyst and an agricultural economist assisted the Government of Mauritania in developing a framework for the design, implementation, and evaluation of development projects. Systems for improved organization, communication, and decision-making processes based on Mauritania's situation and goals were also developed.

Morocco Agricultural Research and Training
AG/MOR-122-1-78

October 1978 - December 1979

A forester provided short-term assistance to the Government of Morocco's (GOM) Forestry Service. Training was provided to Morocco's forest resources specialists and recommendations made for the long-term needs and requirements of Morocco.

Senegal Baila Dam Feasibility Study
AG/AFR-0929-6-80

May 1980

An agricultural economist and an agronomist assisted USAID/Senegal in the evaluation of a study to determine the economic and technical feasibility of employing a barrier and control gates to maintain salt free lands upstream on the Baila Marigot. The study was to establish the economic feasibility of the development of agricultural areas located above the proposed dam.

Seychelles Audio Visual Training
AG/AFR-410-2-79

April 1979 - June 1980

An audio visual specialist provided assistance to the Seychelles Ministry of Agriculture in establishing an in-house audio visual capability. This was to enhance the out-reach efforts of the extension service among the local farmers. Follow-up assistance was provided to evaluate the Seychelles Audio Visual Project and discuss a similar undertaking with the AID Mission in Swaziland.

Seychelles Food Crop Research
AG/SEY-135-1-79

February - March 1979

An ARS plant pathologist was a member of a five-person team engaged in the preparation of the project paper for the Seychelles Food Crop research project. He provided the technical input and relevant analysis to develop the plant quarantine and pest management element of the project, and suggested improved types of equipment and training necessary to establish and administer a series of demonstrations using improved food crop varieties.

Sudan Agriculture Statistics and Planning
AG/AFR-0135-5-80

May - August 1980

A team of seven experts evaluated current agricultural statistics and resource information and designed programs for their improvement. The findings and recommendations were part of design activities for an agricultural planning and statistics project, which will be implemented by the USDA during FY 1982.

Sudan Locust Control I
AF/OFDA-999-1-79

January - February 1979

A pilot/mechanic and a chemist from APHIS assisted with Desert Locust control activities in the Sudan. They evaluated the Government of Sudan Plant Protection Agency's capability to respond to a locust threat.

Tanzania Stable Fly Control
AG/TAN-0410-1-80

September 1978 - January 1980

An entomologist and a biological technician from the Science and Education Administration of USDA, provided short-term assistance to USAID/Tanzania in developing the effectiveness of a simple attractant-toxicant trap method for suppressing the Stable Fly population under African conditions. This method was to assist cattle raising in Zanzibar by increasing meat and milk production, resulting in an increase of protein availability. A Tanzanian was also trained in the application of the method, arrangements were made for the purchase of commodities and construction of the attractant/toxicant traps, and for their transportation to the project site.

Tanzania Manpower Development
AG/AFR-0135-1-79

March - October 1979

An ESCS data processing specialist served as interviewer specialist on a study team, to assist the Manpower Development Division of the Tanzania Ministry of Agriculture in estimating manpower needs for the period 1980-1985. Of prime importance was the establishment of standard systems which could be applied to update the agricultural manpower resource study.

Tanzania School, Health and CDSS Preparation
AG/AR-0135-2-79

December 1978 - June 1979

An ESCS agricultural economist assisted USAID/Tanzania and the Tanzanian Government in designing a project to improve the health of children of primary school age. The project operated through the primary school systems and made use of medical facilities in local dispensaries and hospitals, when appropriate. The major beneficiaries of the program are

children of primary school age and their pre-school siblings. Because of the integrated nature of development programs in Tanzania, the villages were secondary beneficiaries. The economist also assisted in the preparation of the Country Development Strategy Statement within the AID Mission.

Tanzania Tsetse Fly Evaluation
AG/AFR-0135-3-79

July - September 1979

A research entomologist from SEA served on the evaluation team for the Tanga Tsetse Fly Research Project. An assessment was made of the progress to date, the specific accomplishments at Tanga and the Mkwaja Ranch toward meeting project objectives, and adding to the body of knowledge on Tsetse Fly Control in Africa. Recommendations were made to USAID, concerning future activities for Tanga in tsetse fly control and eradication in Tanzania.

Upper Volta Village Livestock Development
AG/UV-0203-1-80

September - November 1980

A rural sociologist and a range management specialist studied and evaluated a Village Livestock Development Project in Upper Volta. An objective evaluation of accomplishments achieved in fulfillment of the project's intended purpose from its beginning in May 1976 was provided.

Other Sponsorship

Mozambique Forest Fire Protection (FAO)

April - May 1980

A USDA fire control technologist, in a two-month consultancy evaluated a study on the forest fire control situation, which had placed special emphasis on artificial commercial plantations. He proposed practical measures to be applied under a short and long-term program designed to lead to the gradual implementation of a National Forest Fire Control Plan.

Agency for International Development Sponsorship

ASIA

Afghanistan Helmand Drainage

AG/AFG-146-1-76

October 1975 - October 1979

This project begun in 1976, terminated in 1979. During that time, several resident and short-term soil-related specialists provided technical advice and assistance to the Helmand Arghandab Valley Authority (HAVA) of the Government of Afghanistan. They assisted in the development of drainage plans and design, construction of drainage work, and other related land and water development activities in the Central Helmand Drainage Project.

Nepal Soil and Water Conservation

AG/NIP-100-4-78

July 1978 - July 1980

A resident technician, an expert in soil and water conservation, watershed management, and forest management, served with AID as senior advisor to the Government of Nepal. He participated in the design, monitoring and managing of projects to help Nepal control soil erosion, water wastage and to improve land use, watershed management, and renewable resource production and utilization.

Nepal Soil Conservation

AG/NEP-900-2-79

October 1979 - September 1980

A soil scientist was provided to advise operational level host government officials and mission staff with interpretation of soils data in relation to land use capability. He also assisted in the management, monitoring and evaluation of on-going agriculture and resource conservation/utilization project activity.

Pakistan Rainfed Land and Water Management

AG/PAK-0249-1-79

March 1979 - May 1979

Four specialists assisted the Mission and personnel from the Government of Pakistan with preparation of a comprehensive strategy and design for a Rainfed Land and Water Management Project. They provided recommendations for alternative soil and water conservation measures which fit within the environmental, socio-cultural and agronomic needs in the project areas.

The objective of this consultancy was to provide technical assistance for project implementation and planning activities relating to five separate Bicol loan projects, and a grant project in support of the Bicol River Basin Development Program. It was also designed to provide assistance to appropriate groups involved in the planning, implementation and monitoring/evaluation of integrated area development projects.

Other Sponsorship

Bangladesh - Forest Utilization (UNDP)

April 1979 - May 1979

A forest resource specialist worked with personnel of the United Nations Development Program (UNDP) in an extensive review of the forest utilization program in Bangladesh.

Korea Fire Simulator Project (FAO)

May 1980 - July 1980

A specialist in forest fire management was detailed to work with the Government of South Korea and United Nations Development Program employees in Suwan. He trained project personnel with a fire simulator, and also designed a training program which utilized the fire simulator.

Malaysia Forestry Development (FAO)

August 1980 - September 1980

A research forester worked with planners of the Government of Malaysia and the Food and Agriculture Organization (FAO) on management strategy and long-term research in forest management, in conjunction with the Sarawak Forest Development Project.

Pakistan Cotton Research (FAO)

October 1979 - November 1979

A consultant was provided to work with Pakistan's national research staff, and with the FAO cotton physiologist, concerning requirements and basic procedures for studies on the biochemistry of resistance in

cotton to disease and pest attack. Training programs for the research staff and necessary laboratory equipment and facilities were recommended.

Pakistan Hybrid Cotton Research (FAO)

September 1980

A research geneticist was made available to work with personnel at the Multan Cotton Research Institute. The potential for hybrid cotton was investigated, and a research program outlined to commercially produce seed. The development of high gossypol strains for bollworm control was also evaluated.

Papua/New Guinea Forestry (FAO)

March 1979 - April 1979

A forest economist was provided to assist in the review of a Food and Agriculture Organization (FAO) project.

Agency for International Development Sponsorship

LATIN AMERICA

Argentina Reimbursable Programs
(661 Funds)

June - July 1979

A six-person interdisciplinary team worked in Argentina to identify and define long-range agricultural projects. It was anticipated that the Government of Argentina would fund these projects on a reimbursable basis under agreements with the USDA, other institutions, and the U.S. private sector.

Central America/Caribbean Project Development
AG-LAR-000-4-80

April - May 1980

The Director of OICD served as a member of a seven-man team exploring ways by which agencies of the U.S. Government, as well as non-governmental agencies, can more effectively address problems which limit agricultural development in the region. Consideration was also given to the potential for increased assistance by multi-national organizations.

El Salvador Regional Training for Development
AG/ELS-0558-1-80

February 1980

A USDA extension instructor presented a course on the "Roles of Extension, Research and Teaching in Agricultural Development" to the Ministry of Agriculture personnel working in extension and related fields. Emphasis was placed on extension philosophies and techniques for transferring research findings to rural families.

Guyana Dairy Development
AG-GUA-0000-1-80

May - June 1980

A dairy policy specialist reviewed the past and present dairy programs in Guyana and assisted in establishing a National Dairy Development Program for Guyana's small farmers.

Honduras Resource Data Collection
AG-HON-0000-1-80

March 1980

A climatologist, a soil scientist, and an agricultural economist assisted in the preparation of a plan for development of the Government of Honduras (GOH) capabilities in natural resource data collection and analysis. The objective was to provide the GOH with adequate

natural resource data and analyses to support its policy, planning and implementation efforts in economic and social development.

Jamaica Agricultural Planning

AG-JAM-0061-1-80

November - December 1979

An OICD agricultural training specialist assisted the Jamaican Ministry of Agriculture in analyzing its skills inventory survey and preparing a master plan for training personnel related to the Agricultural Planning Project.

Peru Title XII - Baseline Studies

AG-PER-0166-1-79

May - August 1979

OICD arranged for a group of specialists from North Carolina State University to obtain and analyze information in Peru related to the capacity and capability of agricultural research, education and extension institutions within the total agricultural system. The group then assessed these institutions in terms of their ability to provide the kinds, quality and quantity of services necessary for development and growth in agriculture.

Venezuela Food Storage and Processing

AG/PDC-3801-2-80 (661 Funds)

February 1980

Three USDA technicians assisted the Government of Venezuela in preparing a program for the improvement of grain and horticultural marketing arrangements, including storage, processing, and handling.

Other Sponsorship

Argentina Alfalfa Genetic Improvement (FAO)

September - October 1979

A plant breeder from SEA had worked in 1977, on FAO projects in Argentina assisting in the genetic improvement of alfalfa. At the request of FAO, he provided two weeks of follow-up services.

Barbados Black Belly Sheep (PAHO)

April 1979

An APHIS veterinary officer, at the request of the Panamerican Health Organization, reviewed the blue tongue disease problem with black belly sheep in Barbados.

Bolivia Cacao/Spice Prefeasibility Study
(Department of State)

September - October 1979

At the request of the International Narcotics Matters, Department of State, technical services were provided to the Government of Bolivia with regard to agricultural development in coca zones. A six-man team provided an analysis and evaluation of the cacao industry and completed a prefeasibility study dealing with development and impact of spice and dehydrated vegetable production in Bolivia.

Chile Statistical Project (Country financed)

October 1979

A statistician from SRS assisted with the establishment of a fruit yield forecasting system in Chile.

Jamaica African Swine Fever (PAHO)

August 1979

A veterinary medical officer from SEA, provided 12 days of assistance to Jamaica on the African Swine Fever problem.

Multi-country Coffee Berry Borer (FAO)

June - August 1979

Two USDA specialists from APHIS traveled, one to Honduras and the other to Jamaica, to participate in the program to survey and control the coffee berry borer.

Multi-country Coffee Rust Team (FAO)

March - April 1980

Three USDA technicians participated in programs in Bolivia, Ecuador, and Peru to assist in the control and eradication of coffee rust through the development of good quarantine practices.

Venezuela Plant Quarantine (OAS)

October 1978

An APHIS entomologist traveled to Venezuela to lecture on chemical treatments at the first sub-regional course of Training in Plant Quarantine, in Caracas.

Agency for International Development Sponsorship

MIDDLE EAST

Egypt Agricultural Capital Projects Analysis Course
AG/EGY-026-1-80

February - March 1980

Two USDA agricultural economists provided one month of TDY assistance. They conducted course to help develop project analysis and evaluation skills among Egyptian professional staff located in various organizations, and to assist the Institute of National Planning in furthering development of such skills.

Egypt Agricultural Economist/Cooperative Advisor
AG/EGY-258-7-78

December 1978 - June 1980

An agricultural economist/cooperative adviser assisted USAID/Cairo on matters pertaining to agricultural economics. These matters included studies and analysis of the economics and economic institutions of Egypt concerned with production, marketing, distribution, and consumption of agricultural products.

Egypt Agricultural Policy Analysis
AG/EGY-0042-2-80

March - April 1980

Two USDA agricultural policy economists provided consultative services of two months each to the Government of Egypt in the analysis of Egyptian agricultural and food policies.

Syria Agricultural Sector Assessment
AG/SYR-005-2-78

June 1978 - September 1980

In 1980 the USDA completed a multi-year project to assess the entire agricultural sector of Syria. The overall objective of the assessment was to assist the Syrian Arab Republic Government in the development of (a) the Fifth 5-year plan (1981-85) by establishing an improved information and data base upon which to guide its formulation, and (b) an improved indigenous capacity and data base to carry out effective long-run economic analysis and planning for the agricultural sector.

A USDA irrigation engineer and agronomist (soils and crops) served a two-month consultancy to develop an irrigation and cropping plan for the establishment of two cattle (dairy) farms under the auspices of the General Organization of Cattle.

Saudi Arabia - Joint Commission

Water Resources

1976 - 1980

Five specialists assisted the Ministry of Agriculture and Water in a study of water in the Kingdom. This included surface and ground water and water quality. Data are being computerized and placed in a data bank. This is a joint USDA/USDI project.

Other Sponsorship

Yemen Area Frame Design (IBRD)

May 1980

A USDA statistician served on two short consultancies to assist the Government of Yemen in the development of an area branch and to review the agricultural census.

Agency for International Development Sponsorship

U.S. - BASED - MULTI-REGIONAL

Alternative Malaria Control Methods (El Salvador)

AG/TAB-1058-9-78

July 1978 - 1980

The primary purpose of this project was to develop alternative methods of controlling malaria that do not rely largely on pesticides.

Deforestation and Development

AG/TAB-1080-10-78

August 1978 - 1980

Three forestry specialists provided AID, on a short-term basis, with critical base line data in the area of forestry activity and deforestation problems in selected countries. The data is to be used in the design of a strategy by AID to deal with problems associated with deforestation in less developed countries.

Institute for Scientific and Technological Cooperation (ISTC)

AG/FITC-000-1-79

January 1979 - December 1979

An agricultural economist in rural development assisted the planning office of the ISTC in planning activities that would increase rural productivity and expand agricultural production, rural employment, and off-farm income opportunities for the rural poor.

Other Sponsorship

Livestock Specialist (FAO)

April 1980

A scientist from SEA completed a livestock research consultancy for FAO in Vienna, Austria, involving sterile insect techniques designed to control the fruit fly and tsetse fly.