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FOREIGN REGISTRATION

COLLEGE OF THE VIRGIN ISLANDS, CARIBBEAN RESEARCH INSTITUTE, ST. THOMAS, V.I.

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Social Research Center

McELROY AUTHORS MODELLING REPORT

"Remodelling the Model" is the title of a five-page essay that appeared in the Third Quarter 1978 Economic Review. Written by Senior Research Associate Dr. Jerry McElroy, the article traces through events which led to formulation of the Virgin Islands' present economic model. The most important information contained in the results is the very close statistical association that seems to exist between V.I. and U.S. economic activity. The key policy conclusion is that businessmen and policymakers must pay extremely close attention to mainland developments because of their significant local repercussions.

SMITHSONIAN PAPER ON MIGRATION WRITTEN

Dr. S.B. Jones-Hendrickson, coordinator of the Social Research Center, completed a paper this quarter entitled "Quantitative Methods and Migration Theories." He was asked to undertake the project by the Research Institute on Immigration and Ethnic Studies at the Smithsonian Institution in Washington, D.C. This paper is a development of the econometric portion of a report he presented in 1976 at a Smithsonian conference and it will be part of a larger research study to be published by the Smithsonian at a future date.

**JOINT COMMERCE
STUDY CONTINUES**

In conjunction with the V.I. Department of Commerce, Dr. Jerry McElroy has completed two provisional working papers on tourism, "Macro-Economic Analysis of Employment, Investment, and Taxes from Tourism" and "Preliminary Results of the USVI Air-Tourist Expenditure Survey, 1976-77." Part of a two-year study to analyze the significance of tourism in various Caribbean countries, the project is funded by the Canadian International Development Research Center.

**REPORT
SERVICES**

"An Analysis of the Production and Provision of Water Services in the Microstate Economies of Antigua, British Virgin Islands, Montserrat and St. Kitts-Nevis-Anguilla" is in final form. Copies may be obtained at a nominal cost by contacting the author, Dr. S.B. Jones-Hendrickson, at CRI. The document will be published in a journal next year by the Institute of Social and Economic Research at the University of the West Indies and International Development Research Council of the Canadian International Development Agency.

Water Resources Research Center

**DESAL SEMINAR
HELD ON ST. CROIX**

Dr. Roger Peebles, director of the Water Resources Research Center (WRRC) and Al Pratt, research associate, attended a seminar on desalination in early December along with 30 other persons working in water-related fields. Dr. Peebles gave an invited talk on water resources in the Virgin Islands. The week-long course was sponsored by Fairleigh Dickinson University on St. Croix.

**RESEARCH PROGRAM
SUBMITTED TO OWRT**

The 1979 Allotment Grant Research Program was prepared by the WRRC and submitted to the Office of Water Research and Technology (OWRT) in the U.S. Department of the Interior. New projects slated for the coming year are: 1) a study of cistern water quality, 2) a ground water appraisal on St. Thomas (in cooperation with the V.I. Department of Public Works and the U.S. Geological Survey), 3) a study of water use patterns in local households and 4) a study of water balance and land use on local watersheds. The program also provides for a new staff member at the WRRC.

**WATER MEETINGS
CONDUCTED IN D.C.**

Dr. Roger Peebles attended meetings this quarter in Washington, D.C. He discussed the program at the WRRC with the OWRT program monitor and in addition, met with representatives of other federal agencies to exchange ideas on current water research programs.

Ecological Research Center

**PURCELL ATTENDS
GEORGIA CONFERENCE**

Calloway Gardens, Georgia was the setting for a three-day conference on riperea ecosystems. Representing CRI was Tom Purcell, research associate at the Ecological Research Center (ERC). One hundred ecology-minded people met to discuss freshwater and estuarine water systems and the ten-yard measure of land on either side of these water systems, known as riperea ecosystems. As a result of this mid-December meeting, the federal government plans to make a concerted effort to protect these ecosystems. One way they will do this is to induce farmers to leave a ten-meter buffer zone between the riperea ecosystem and their planting. In attendance at the conference were scientists and administrators from the National Park Service, Tennessee Valley Authority, Army Corps of Engineers, Nature Conservancy and various American universities.

**PROPOSED ARMORY SITE
RESEARCHED AT ERC**

A two-month contract was brought to completion this quarter by the ERC. It concerned environmental assessment of a proposed V.I. National Guard Armory site in the Mangrove Lagoon area of St. Thomas. Laura Greiner, project assistant, and Tom Purcell, research associate, assisted in the project under the supervision of Dr. Michael Canoy, ERC director. Upon examining the CRI report, the V.I. National Guard drafted an environmental statement and presently another location is being sought for the armory.

**CANOY ADDRESSES
AID/UNESCO MEETING**

A regional seminar, "Environmental Aspects of Development," was held in Guyana on October 18-20, with Dr. Michael Canoy in attendance. He was invited to address the group and chose as his topic, "Systems Analysis of Energy Impacts for Developing Countries." This special meeting was sponsored by the Agency for International Development and the United Nations Educational, Scientific and Cultural Organization. Approximately 100 scientists from various parts of the world took part in the seminar.

**NORTON NEW ADDITION
TO ST. JOHN STAFF**

Robert Norton of Acton, Connecticut has joined the ERC staff as research associate coordinating scientific programs at the Virgin Islands Ecological Research Station (VIERS) on St. John. He was associated with VIERS earlier this year while composing his master's thesis, "Annotated Bird Records for St. John, U.S. Virgin Islands."

Outreach Activities

**ENERGY CONFERENCE
HAILED AS SUCCESS**

Approximately 100 energy-conscious persons from St. Thomas and neighboring islands participated in CRI's Fall-Winter Conference on "Energy Self-sufficiency and the Virgin Islands." The December 8 meeting took place in the Caribbean Room at the St. Thomas Sheraton. Three keynote speakers added their expertise to the sessions: Dick Holt of the U.S. Department of Energy; Dr. Gifford Albright of Penn State University; and Maanazo Lamakalo of the St. Thomas Community Action Agency.

During the afternoon session, a panel discussion developed around current energy technologies and federal policy on energy issues. Leading the panel were: Dr. Juan Bonnet of the Center for Energy and Environmental Research in San Juan, Puerto Rico; Dr. Knud Pedersen of the University of Puerto Rico in Mayaguez; Dr. Frank Prince of the V.I. Energy Office; and Lee Fellows of the V.I. National Park Service on St. John.

A published Proceedings will be available from the Institute in February. To obtain a copy, contact An Painter or Stephanie Oliverio at 774-1252, ext. 235, 249 or 252.

**HARRIGAN ATTENDS
FLORIDA CONFERENCE**

Dr. Norwell Harrigan, CRI director, returned to duty early in November after a six-week vacation leave of absence. During his leave Dr. Harrigan visited the University of Florida at Gainesville to participate in a conference on "Cultural Traditions and Caribbean Identity: The Question of Patrimony." He acted as moderator for one of the sessions. The three-day conference was sponsored by the Center for Latin American Studies and the Association of Caribbean Universities and Research Institutes.

In addition, Dr. Harrigan discussed with the Center for Latin American Studies current matters concerning publications it is printing for CRI, in order to improve publication service.