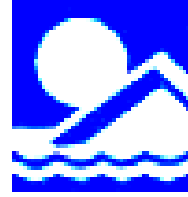




## WATER RESOURCES RESEARCH INSTITUTE THE UNIVERSITY OF THE VIRGIN ISLANDS

#2 John Brewer's Bay, St. Thomas, Virgin Islands 00802-9990



The Water Resources Research Institute (WRRRI) at the University of the Virgin Islands (UVI) is one of the 54 water resources research institutes established at land-grant universities throughout the United States and its territories. WRRRI was established in 1973 and operates under the Water Resources Research Act of 1984 as amended by Public Law 101-397. Like other water resources research institutes, it receives partial federal funding provided through the U.S. Geological Survey. Additional funding is provided by UVI and through contractual projects. WRRRI is a part of the Research and Public Service sub-component of the University.

*The Virgin Islands are primarily of volcanic origin. Periods of high intensity rainfall on the steep topography with subsequent coastal discharges, causes control of coastal pollution to be a major issue in the tourism based economy.*



### Focus Areas

#### Research

As the only institution of higher learning in the Virgin Islands, the University of the Virgin Islands is committed to the conduct of research that improves the quality of life for the residents of the Virgin Islands. Research at the WRRRI then has focused on water issues particularly applicable to small, tropical oceanic islands. Over the years this has included rain water harvesting, cistern water hydrology with emphasis on water quality and water quantity considerations, erosion, sedimentation, on-site disposal of wastewater, ground water hydrology and determination of applicable indicators of water quality.

#### Information Transfer

The WRRRI occasionally holds conferences on topics of timely interest but on a more regular basis shares the results of its research and investigations through water resources seminars and in its contributions to the *Research and Public Service Newsletter*. The WRRRI maintains a website that provides notices of activities and features continuous monitoring of meteorological conditions in the Virgin Islands.

#### Training

In addition to training opportunities provided to student research assistants, the WRRRI has provided training in areas such as coastal wastewater quality monitoring, mitigation of coastal hazards and microbiological investigation techniques. As with other focus areas, the WRRRI uses WRRRI staff, UVI faculty, and professionals specially recruited for training purposes.

#### The Future

The WRRRI will continue to be responsive to the needs of its clients in addressing emerging research and other issues pertaining to the management of water resources of the Virgin Islands.

### Mission

The three-fold mission of WRRRI is to conduct research on water resources and related areas, to assist in the training of students and water resources professionals, to provide information exchange in the area of water resources. The WRRRI is committed along with the University of the Virgin Islands to advancing knowledge through research and public service, particularly in areas that contribute to understanding and resolving issues and problems unique to the U. S. Virgin Islands and the Caribbean.



*Rainwater harvesting is used in the Virgin Islands for residential, agricultural and other uses. The WRRRI's research and outreach work in this area is widely known.*

For additional information on WRRRI contact:

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