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**WATER RESOURCES RESEARCH INSTITUTE  
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UNIVERSITY OF PUERTO RICO  
MAYAGUEZ, PUERTO RICO**

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**"THE WATER RESOURCES SITUATION  
IN PUERTO RICO: AN EVALUATION  
OF PUBLISHED INFORMATION**

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**WATER RESOURCES OF PUERTO RICO  
AN INDEXED BIBLIOGRAPHY**

**Compiled by**

**Antonio Santiago Vázquez  
Roopchand B. Ramgolam  
Héctor Quijano Vives  
Arturo Ramos Villanueva**

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## FOREWORD

Experience has shown that to stimulate and sponsor research and programs in water resources, professional scientists require access and acquaintance with published literature in the field. Both past and current literature are valuable tools in such a pursuit for they serve as a base or springboard for future research proposal and programs.

It is hoped that this bibliography will serve to sponsor, provide and supplement present programs for the conduct of research, investigation, experiments and training of scientists in the field of water and resources which affect water.

In Puerto Rico, there is a diversity of agencies or organizations responsible for the management and control of water resources. The lack of a central institution has given rise to a haphazard distribution of published information. All published water resources information are highly scattered. The scattering of information among these water related agencies, somewhat impedes successful and efficient research since research scientists find it a difficult task in being acquainted and even to acquire the published information.

This publication has been prepared with the intention to alleviate this impediment. The bibliography is by no means complete, but it provides a general survey of the available literature on the water resources of Puerto Rico.

## ACKNOWLEDGEMENT

For about one year the participants of this project visited different agencies and water related individuals in the procurement of the published information available in the island.

We wish to convey our appreciation to the many agencies and individuals who have made this publication possible by their cooperation and participation in the project. Although its impossible to enumerate all agencies and individuals, we however wish to convey our gratitude to the following.

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U. S. R. Agricultural Experiment Station  
U. S. Tropical Forest Research Institute  
U. S. Corp of Engineers  
U. S. Geological Survey, Hydrology Division  
U. S. Soil Conservation Service  
U. S. Weather Bureau

In addition special gratitude should be expressed to the University of Puerto Rico in Mayaguez and the Office of Water Resources Research, U. S. Department of the Interior with whose moral and financial support, the completion of this study was made possible.

## PREFACE

This bibliography is an attempt to present in a single publication a general survey of the available printed information related to the water resources of Puerto Rico. The authors feel that as this is a first general survey, a number of omissions have been done. We appreciate that any omission or mistake be brought to our attention to be included in any future revision of this work.

The bibliography is divided into two indexed: An author index and a subject index. The author index is organized by date of the publication and in alphabetical order by author. Publications prepared for an agency which do not identify the authors are indexed according to agency name. An asterisk after the title indicates that the publication is available for loan from the Institute Library.

The publications are indexed in the subject index under broad subject terms and identified by the number corresponding to its position in the author index. The following broad terms have been used as subjects: aquatic life, data collection, design and construction, drainage, economics, education, sewerage system, hydraulics, erosion, marine fish, floods, flood damages, general information, ground water, irrigation, Lajas Valley, land reclamation, legal aspects, rainfall, rivers and harbors, river development, runoff, sea water, sedimentation, soil and water, storms, water supply, weather data, weather modification, wells, and wildlife.

We are confident that many users of the publication may derive great benefits from the information presented.

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