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## THE SECOND INDIAN RIVER RESEARCH SYMPOSIUM FOREWORD

ALTHOUGH research in Indian River lagoon has been conducted on a wide range of topics for many decades, studies have mostly been done independently. Results are scattered through many scientific journals, theses, dissertations, and reports. Within the past several years, however, there have been efforts to collect, integrate, and summarize studies of the lagoon. The Marine Resources Council of East Florida (MRC) has undertaken and completed a task as onerous as it is vital by compiling a list of 2007 citations of Indian River research (Morris, 1989). Currently, MRC is spearheading the production of a multivolume monograph that summarizes the state of knowledge of the biology, chemistry, geology, and physics of the lagoon.

The reporting of research findings has progressed on yet another front in the form of symposium proceedings. Just as the symposium is necessary to assemble scientists and managers to discuss work related to the management of the lagoon, symposium proceedings provide a direct route to the scientific literature for recently completed studies. The first volume of proceedings was published as results of the Future of the Indian River System Symposium (FIRST; Montgomery and Smith, 1983). The present volume contains 10 of the 29 oral presentations and 7 posters given at the SECOND Indian River Research Symposium, held on the Florida Institute of Technology (FIT) campus on 12-13 September 1988. The purpose of these proceedings is to inject new findings into the scientific literature. While this volume does not indicate either the magnitude or scope of current research activity in Indian River lagoon, it takes its place in the growing body of literature needed to support proper management and, thus, to sustain this valuable natural resource.

The symposium was sponsored by MRC, FIT, St. Johns River Water Management District (SJRWMD), and South Florida Water Management District (SFWMD), for whose support we are grateful. We are especially appreciative of the help of Diane D. Barile and her staff at MRC in organizing and handling local arrangements for the symposium. Preparation of this symposium volume would have been difficult without the guidance, encouragement, wisdom, and prodding given by Dean and Barbara Martin. Publication of this issue was aided by funds provided by SJRWMD and SFWMD under the Surface Water Improvement and Management (SWIM) Program.

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