

# NOTICE OF PUBLICATION

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AQUACULTURE COLLABORATIVE RESEARCH SUPPORT PROGRAM



## RESEARCH REPORTS

Sustainable Aquaculture for a Secure future

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**Title:** Dynamics of Pond Aquaculture

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The CRSP will not be distributing this publication. Copies may be obtained by writing to the authors.

**Abstract:** The culmination of over a decade's worth of research by the Pond Dynamics/Aquaculture Collaborative Research Support Program (CRSP), Dynamics of Pond Aquaculture not only explains the physical, chemical, and biological processes that interact in pond culture systems, but also presents real-world research findings and considers the people who depend on these systems. This book uses data from CRSP field research sites in East Africa, Southeast Asia, Central America, and North America to present a complete picture of the pond system and the environment in which it exists.

A thorough study of the principles and practices of aquaculture, the book reflects the state of the art in pond aquaculture and incorporates recent advances that have changed the science in the last decade or so. It provides a thorough review of the many methods, techniques, and ideas that comprise this complex and fascinating area of study.

- Includes chapters on fish diseases, fish reproduction, extension, social and economic considerations, and environmental effects
  - Describes improvements in pond management techniques including seed fish production, pond preparation, fertilization, feed composition and manufacturing, aerator design, and harvesting
  - Addresses the need for greater quantification and standardization in research
  - Provides a synopsis of the methods, techniques, and ideas explored by aquaculture practitioners and researchers
- Audience: Researchers, students, field workers, technicians, and engineers involved in:
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- Aquaculture research
- Agricultural engineering
- Bioresource engineering
- Fisheries and wildlife programs
- Environmental studies

Published in 1997 by CRC Press, this 480-page book can be obtained by contacting CRC Press at <[http://www.crcpress.com/shopping\\_cart/products/product\\_detail.asp?sku=L1274&parent\\_id=&pc=](http://www.crcpress.com/shopping_cart/products/product_detail.asp?sku=L1274&parent_id=&pc=)>.

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