

The EVERGLADES HANDBOOK

Understanding the Ecosystem

—FOURTH EDITION—



"This fourth edition covers the key subjects of previous editions with major updates of the new science and understanding. If there ever was a necessary book for Everglades advocates, students, authors, members of government, and their agencies, The Everglades Handbook: Understanding the Ecosystem is an absolute must!"

—Nathaniel P. Reed, from the Foreword

"This book is far and away the best guide now in print to Everglades issues—authoritative, well-illustrated, well-indexed, and readable."

—Martha Musgrove, retired *Miami Herald* journalist, founding President of the Decision Makers Forum, and Southeast Regional Director of the Florida Wildlife Federation

"Given the astonishing breadth and depth of scientific activities in the Everglades, Tom Lodge once again illustrates his savvy as an articulate science writer in condensing the complex dynamics of this remarkable ecosystem. ... In summary, the Handbook reviews a vast literature into a compelling read about the natural treasures of the Everglades."

—Evelyn E. Gaiser, Executive Director, School of Environment, Arts and Society, and Associate Dean, College of Arts & Sciences, Florida International University, modified from *Wetlands* (2011) 31

The fourth edition presents expanded treatment of subjects where our knowledge of the Everglades and its restoration has greatly improved. This more detailed coverage includes:

- Computer modeling and its applications to the Everglades environment
- Quantified role of water flow in shaping the Everglades landscape
- The origin and evolution of fixed tree islands
- Sulfur and related mercury as wetland pollutants
- Up-to-date summary of the now quantified economic benefits of restoration, shown to be far in excess of the cost

The Everglades Handbook: Understanding the Ecosystem, Fourth Edition is a scholarly reference packed cover to cover with scientific information about the ecosystem of the Everglades—taking into account how drastically the Everglades has changed. Topically, the book covers disciplines ranging from ecology, geology, climatology, hydrology, anthropology to conservation biology. Written in Tom Lodge's trademark accessible style, this extensively researched text is essential reading for anybody trying to understand the challenges we face in restoring this unique ecosystem.



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6000 Broken Sound Parkway, NW
Suite 300, Boca Raton, FL 33487
211 Third Avenue
New York, NY 10017
2 Park Square, Milton Park
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