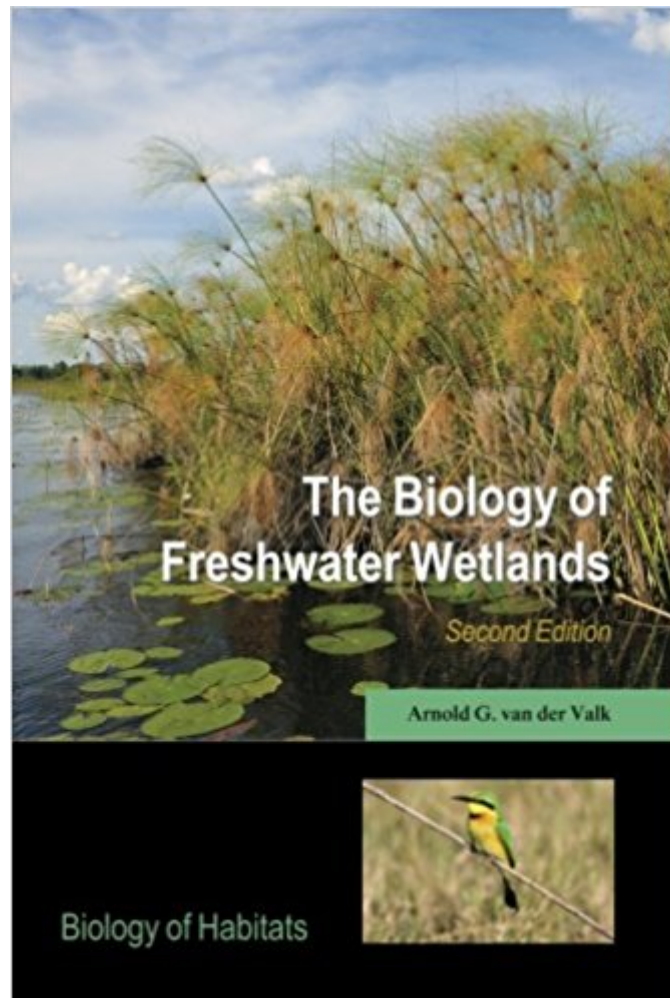


The book was found

# The Biology Of Freshwater Wetlands (Biology Of Habitats Series)



## Synopsis

Global wetlands exhibit significant differences in both hydrology and species composition and range from moss-dominated arctic peatlands to seasonally-flooded tropical floodplains. They are increasingly recognized for the important services that they provide to both the environment and human society such as wildlife and fish production, nutrient filtering, and carbon sequestration. A combination of low oxygen levels and dense plant canopies present particular challenges for organisms living in this aquatic habitat. This concise textbook discusses the universal environmental and biological features of wetland habitats, with an emphasis on wetland plants and animals and their adaptations. It also describes the functional features of wetlands - primary production, litter decomposition, food webs, and nutrient cycling - and their significance locally and globally. The future of wetlands is examined, including the potential threats of global climate change and invasive species, as well as their restoration and creation. This new edition maintains the structure and style of the first, but is fully updated throughout with new chapters on invasive species, restoration/creation, global climate change, and the value of wetlands.

## Book Information

Series: Biology of Habitats Series

Paperback: 296 pages

Publisher: Oxford University Press; 2 edition (March 24, 2012)

Language: English

ISBN-10: 0199608954

ISBN-13: 978-0199608959

Product Dimensions: 9.1 x 0.6 x 6.1 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,341,364 in Books (See Top 100 in Books) #77 in [Books > Science & Math > Nature & Ecology > Ecosystems > Wetlands](#) #107 in [Books > Science & Math > Earth Sciences > Geology > Limnology](#) #1673 in [Books > Textbooks > Science & Mathematics > Biology & Life Sciences > Ecology](#)

## Customer Reviews

"Many readers will welcome the second edition of *The Biology of Freshwater Wetlands*. The author has had a long and distinguished career, and his book provides a useful introduction to wetland science." -- *The Quarterly Review of Biology*

Dr. Arnold van der Valk is a professor in the Department of Ecology, Evolution and Organismal Biology at Iowa State University. He has done research on a variety of wetlands in North America, Europe, Asia and South America. His primary research interests are the dynamics of wetland vegetation, wetlands as nutrients sinks, and landscape differentiation within wetlands. He has been teaching courses wetland ecology for over 30 years.

[Download to continue reading...](#)

The Biology of Freshwater Wetlands (Biology of Habitats Series) Water Habitats (Introducing Habitats) Easy Make & Learn Projects: Animal Habitats: Reproducible Mini-Books and 3-D Manipulatives That Teach About Oceans, Rain Forests, Polar Regions, and 12 Other Important Habitats Wetlands for Tropical Applications: Wastewater Treatment by Constructed Wetlands The Biology of Coral Reefs (Biology of Habitats Series) The Biology of Deserts (Biology of Habitats Series) The Biology of Lakes and Ponds (Biology of Habitats Series) The Book of Swamp & Bog: Trees, Shrubs, and Wildflowers of Eastern Freshwater Wetlands Ecology of Freshwater and Estuarine Wetlands Life in and around freshwater wetlands;; A handbook of plant and animal life in and around marshes, bogs, and swamps of temperate North America east of the Mississippi, The Biology of Coral Reefs (Biology of Habitats) Cold-Water Corals: The Biology and Geology of Deep-Sea Coral Habitats Global Warming: Implications for Freshwater and Marine Fish (Society for Experimental Biology Seminar Series) New England Beachcomber: A Waterproof Pocket Guide to Beach Habitats, Plants & Animals from Connecticut to Maine (Duraguide Series) Dinosaurs: A Folding Pocket Guide to Familiar Species, Their Habits and Habitats (Pocket Tutor Series) Biology of Freshwater Pollution (4th Edition) Thorp and Covich's Freshwater Invertebrates, Fourth Edition: Ecology and General Biology Guide to the Study of Freshwater Biology Discover Nature in Water & Wetlands: Things to Know and Things to Do (Discover Nature Series) A Field Guide to Long Island Sound: Coastal Habitats, Plant Life, Fish, Seabirds, Marine Mammals, and Other Wildlife

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)