



Bioassessment and Management of North American Freshwater Wetlands (Hardback)

By -

John Wiley and Sons Ltd, United States, 2001. Hardback. Condition: New. New. Language: English . Brand New Book. The first resource of its kind-essential practical guidance on wetlands bioassessment and management Although bioassessment has become a vital tool in the successful management of many aquatic ecosystems, to date there has been no single book that covers the application of bioassessment principles to wetland ecosystems. This contributed volume fills this important gap in the literature, with a multifaceted look at the issues and techniques involved in the successful bioassessment and management of freshwater wetlands. The book is divided into two parts-bioassessment and wildlife management. After a review of general bioassessment principles, Part I discusses the statistical issues related to sampling numerous sites, as well as the application of multivariate procedures and invertebrate functional groups to wetland bioassessment. A series of case studies examines bioassessment results using various organismal groups, followed by several chapters that trace the relationship between bioassessment and wetland restoration. Coverage also explores how to use and sample bacteria, algae, macrophytes, and invertebrates. Part II covers key management topics, including many that are frequently overlooked in other treatments of the subject. Separate chapters discuss how to manage fish, waterbirds, and...



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