

Chapter 3

Ecological Importance of Wetland Systems

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Summary

Wetlands are land areas that are completely filled with water, either throughout the year or in some seasons. Wetlands include swamps, marshes, bogs, and fens. Wetlands usually have a rich and distinct ecosystem because of the presence of water and a diverse group of land and aquatic flora. Wetlands serve as a home for many endangered plants and animals and hence these wetlands are very important to the world. Wetlands serve many essential functions like water purification, groundwater recharge, flood control, breeding ground, and shelter for many plants and animals, etc. Moreover, wetlands constitute a highly valuable ecosystem in the biosphere due to the richness of diverse flora and fauna. But, sadly, many of the world's wetlands are degrading due to anthropogenic activities. In this review, various ecological implications of wetlands are



Wetlands Conservation: Current Challenges and Future Strategies



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About this book

Wetlands Conservation

An up-to-date overview of approaches for addressing wetlands degradation and its effects on ecosystem services, human health, and other ecosystems

Wetlands are essential sources of biodiversity, water purification, groundwater recharge, and carbon sequestration. This book provides a comprehensive overview of the current challenges and future strategies for wetlands conservation. It covers the latest research and best practices in wetlands management and restoration. The book is essential reading for researchers, students, and practitioners in the field of wetlands conservation.



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