

1. Record Nr.	UNINA9910827618203321
Titolo	Wetland and riparian areas of the intermountain West [[electronic resource]] : ecology and management / / edited by Mark C. McKinstry, Wayne A. Hubert, and Stanley H. Anderson
Pubbl/distr/stampa	Austin, : University of Texas Press, 2004
ISBN	0-292-79843-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (336 p.)
Collana	Peter T. Flawn series in natural resource management and conservation ; ; no. 4
Altri autori (Persone)	McKinstryMark C <1960-> (Mark Calvert) HubertWayne A AndersonStanley H
Disciplina	577.68/0979
Soggetti	Wetland ecology - Great Basin Wetland management - Great Basin Wetlands - Great Basin Riparian ecology - Great Basin Riparian areas - Great Basin - Management Riparian areas - Great Basin
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Contents""; ""Acknowledgments""; ""Introduction""; ""Chapter 1: Laws and Regulations Pertaining to Wetland Areas in the Intermountain West, by Maureen Ryan and Mark Squillace""; ""Chapter 2: Variation in Hydrology, Soils, and Vegetation of Natural Palustrine Wetlands among Geologic Provinces, by Murray K. Laubhan""; ""Chapter 3: Ecological Processes of Riverine Wetland Habitats, by Wayne A. Hubert""; ""Chapter 4: Wildlife Use of Riverine Wetland Habitats, by Kirk Lohman""; ""Chapter 5: Management of Riverine Wetland Habitats, by Robert C. Ehrhart and Paul L. Hansen"" ""Chapter 6: Irrigation, Salinity, and Landscape Patterns of Natural Palustrine Wetlands, by James R. Lovvorn and E. Andrew Hart""""Chapter 7: Wildlife of Natural Palustrine Wetlands, by James H. Gammonley""; ""Chapter 8: Management of Natural Palustrine Wetlands, by Neal D. Niemuth, Michael A. Bozek, and Neil F. Payne""; ""Chapter 9:

Components, Processes, and Design of Created Palustrine Wetlands, by Richard A. Olson"; ""Chapter 10: Wildlife of Created Palustrine Wetlands, by Mark A. Rumble, David W. Willis, and Brian E. Smith""Chapter 11: Management of Created Palustrine Wetlands, by Stephen A. Tessmann""Chapter 12: Classification, Assessment, Monitoring, and Evaluation of Riverine and Palustrine Wetland Ecosystems, by Paul Adamus"; ""Conclusions and Future Directions, by Mark C. McKinstry"; ""Appendix"; ""Contributors"; ""Index""

Sommario/riassunto

Wetlands and riparian areas between the Rocky Mountains and the Sierra Nevada are incredibly diverse and valuable habitats. More than 80 percent of the wildlife species in this intermountain region depend on these wetlands—which account for less than 2 percent of the land area—for their survival. At the same time, the wetlands also serve the water needs of ranchers and farmers, recreationists, vacation communities, and cities. It is no exaggeration to call water the "liquid gold" of the West, and the burgeoning human demands on this scarce resource make it imperative to understand and properly manage the wetlands and riverine areas of the Intermountain West. This book offers land managers, biologists, and research scientists a state-of-the-art survey of the ecology and management practices of wetland and riparian areas in the Intermountain West. Twelve articles examine such diverse issues as laws and regulations affecting these habitats, the unique physiographic features of the region, the importance of wetlands and riparian areas to fish, wildlife, and livestock, the ecological function of these areas, their value to humans, and the methods to evaluate these habitats. The authors also address the human impacts on the land from urban and suburban development, mining, grazing, energy extraction, recreation, water diversions, and timber harvesting and suggest ways to mitigate such impacts.
