Record Nr. UNINA9910789296603321 Suisun marsh: ecological history and possible futures / / edited by Titolo Peter B. Moyle, Amber D. Manfree, Peggy L. Fiedler; cover image by William Franklin Jackson Berkeley, California; ; London, England: ,: University of California Pubbl/distr/stampa Press, , 2014 ©2014 ISBN 0-520-95732-6 Descrizione fisica 1 online resource (269 p.) Classificazione NAT010000NAT011000 Disciplina 577.6809794/6 Soggetti Marsh ecology - California - Suisun Marsh Salinity - California - Suisun Marsh Brackish water ecology - California - Suisun Marsh Water quality - California - Suisun Marsh Suisun Marsh (Calif.) History 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 at the end of each chapters and index. Nota di contenuto Front matter -- Contents -- Contributors -- Preface --Acknowledgments -- 1. Introduction -- 2. Historical Ecology -- 3. Physical Processes and Geomorphic Features -- 4. Shifting Mosaics: Vegetation of Suisun Marsh -- 5. Waterfowl Ecology and Management -- 6. Terrestrial Vertebrates -- 7. Fishes and Aquatic Macroinvertebrates -- 8. Suisun Marsh Today: Agents of Change -- 9. Alternative Futures for Suisun Marsh -- Index Sommario/riassunto One of California's most remarkable wetlands, Suisun Marsh is the largest tidal marsh on the West Coast and a major feature of the San Francisco Estuary. This productive and unique habitat supports endemic species, is a nursery for native fishes, and is a vital link for migratory waterfowl. The 6,000-year-old marsh has been affected by human activity, and humans will continue to have significant impacts on the marsh as the sea level rises and cultural values shift in the century ahead. This study includes in-depth information about the

ecological and human history of Suisun Marsh, its abiotic and biotic characteristics, agents of ecological change, and alternative futures facing this ecosystem.