Record Nr.	UNINA9910822766803321
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Titolo	Floodplains : Processes and Management for Ecosystem Services / / Jeffrey J. Opperman, Peter B. Moyle, Eric W. Larsen, Joan L. Florsheim, Amber D. Manfree
Pubbl/distr/stampa	Berkeley, CA : , : University of California Press, , [2017] ©2017
ISBN	0-520-96632-5
Descrizione fisica	1 online resource (258 pages)
Disciplina	333.91/7
Soggetti	Floodplains
	Floodplains - California - Central Valley
	Floodplain ecology
	Floodplain management
	Earth (Planet) Surface Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front matter Contents Authors Acknowledgments 1. INTRODUCTION TO TEMPERATE FLOODPLAINS 2. HYDROLOGY 3. GEOMORPHOLOGY 4. BIOGEOCHEMISTRY 5. ECOLOGY: INTRODUCTION 6. FLOODPLAIN FORESTS 7. PRIMARY AND SECONDARY PRODUCTION 8. FISHES AND OTHER VERTEBRATES 9. ECOSYSTEM SERVICES AND FLOODPLAIN RECONCILIATION 10. FLOODPLAINS AS GREEN INFRASTRUCTURE 11. CASE STUDIES OF FLOODPLAIN MANAGEMENT AND RECONCILIATION 12. CENTRAL VALLEY FLOODPLAINS: INTRODUCTION AND HISTORY 13. CENTRAL VALLEY FLOODPLAINS TODAY 14. RECONCILING CENTRAL VALLEY FLOODPLAINS 15. CONCLUSIONS: MANAGING TEMPERATE FLOODPLAINS FOR MULTIPLE BENEFITS References Geospatial Data Sources Index
Sommario/riassunto	Floodplains provides an overview of floodplains and their management in temperate regions. It synthesizes decades of research on floodplain ecosystems, explaining hydrologic, geomorphic, and ecological processes and how under appropriate management these processes

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can provide benefits to society ranging from healthy fish populations to flood-risk reduction. Drawing on the framework of reconciliation ecology, the authors explore how new concepts for floodplain ecosystem restoration and management can increase these benefits. Additionally, they use case studies from California's Central Valley and other temperate regions to show how innovative management approaches are reshaping rivers and floodplains around the world.