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Titolo	Constructed wetlands // Jaya Kandasamy and Saravanamuthu Vigneswaran, editor
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Descrizione fisica	1 online resource (146 p.)
Altri autori (Persone)	KandasamyJaya VigneswaranSaravanamuthu <1952->
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Soggetti	Constructed wetlands
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Constructed wetlands: classification, functions and treatment / G. Moat ... [et al.] -- Design and construction of constructed wetlands / P. Ghanem, B. Simpson -- Operation and maintenance of wetlands / Roberto Di Federico, Jaya Kandasamy -- Challenges in managing urban wetlands: Sydney Olympic Park / Swapan Paul -- Socio-economics of constructed wetlands: engaging the community / Elisa Idris, Amit Chanan, Jaya Kandasamy.
Sommario/riassunto	This book covers an extensive range of issues related to constructed wetlands for treatment of stormwater and wastewater. In this book: Chapter One covers the functions and classifications of constructed wetlands, treatment processes of wetlands and a detailed description of microphytes; Chapter Two provides details of the design of wetlands and their construction; Chapter Three provides details of the important issue of operation and maintenance of constructed wetlands; Chapter Four highlights all the experience gained from managing a large and prominent urban wetland; and, Chapter Five outlines the importance of engaging the community when planning, designing and constructing wetlands. This book is useful for environmental professionals desiring a good appreciation of the concepts in constructed wetlands. This book is also a useful reference for graduate and post-graduate students of civil and environmental engineering, chemical engineering, environmental management or environmental science.

