Record Nr. UNINA9910616362603321 Constructed wetlands for wastewater treatment in hot and arid climates **Titolo** // edited by Alexandros Stefanakis Pubbl/distr/stampa Cham, Switzerland:,: Springer,, [2022] ©2022 9783031036002 **ISBN** 9783031035999 Descrizione fisica 1 online resource (401 pages) Collana Wetlands: Ecology, Conservation and Management;; v.7 Disciplina 628.35 Soggetti Constructed wetlands **Tropics** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Intro -- Preface -- Contents -- Contributors -- Chapter 1: Constructed Nota di contenuto Wetlands as a Green and Sustainable Technology for Domestic Wastewater Treatment Under the Arid Climate of Rural Areas in Morocco -- 1.1 Introduction -- 1.2 Current Status of Sanitation in Moroccan Rural Areas -- 1.3 Barriers for Wastewater Treatment in Moroccan Rural Areas -- 1.4 Sanitation Strategic Action Plans in Morocco -- 1.5 Application of Constructed Wetlands for Wastewater Treatment in Rural Areas -- 1.5.1 Overview of Pilot-Scale CWs for Domestic Wastewater Treatment in Morocco -- 1.5.2 Full-Scale CWs for Domestic Wastewater in Moroccan Rural Areas -- 1.6 Future Considerations on the Application of CWs in Rural Areas under Arid Climate -- 1.7 Conclusions -- References -- Chapter 2: Efficiency of Constructed Wetlands and Wastewater Stabilization Ponds for Wastewater Treatment in Northern Algerian Sahara -- 2.1 Introduction -- 2.2 Brézina Constructed Wetland -- 2.2.1 Design

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