1. Record Nr. UNINA9910715159103321

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| Autore | Mattraw H. C. |
| Titolo | Analysis of trends in water-quality data for water conservation area 3A, the Everglades, Florida / / by Harold C. Mattraw, Jr., Daniel J. Scheidt, and Anthony C. Federico ; prepared in cooperation with the National Park Service and the South Florida Water Management District |
| Pubbl/distr/stampa | Tallahassee, Florida : , : U.S. Geological Survey, , 1987 |
| Descrizione fisica | 1 online resource (iv, 52 pages) : illustrations, maps |
| Collana | U.S. Geological Survey water-resources investigations report ; ; 87-4142 |
| Soggetti | Water quality - Florida - Everglades<br>Water quality<br>Florida Everglades |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di bibliografia | Includes bibliographical references (pages 29-30). |

2. Record Nr. UNINA9910874664803321

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| Autore | Kurniawan Tonni Agustiono |
| Titolo | Algae as a Natural Solution for Challenges in Water-Food-Energy Nexus : Toward Carbon Neutrality / / edited by Tonni Agustiono Kurniawan, Abdelkader Anouzla |
| Pubbl/distr/stampa | Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024 |
| ISBN | 9789819723713<br>9789819723706 |
| Edizione | [1st ed. 2024.] |
| Descrizione fisica | 1 online resource (919 pages) |
| Collana | Environmental Science and Engineering, , 1863-5539 |
| Altri autori (Persone) | AnouzlaAbdelkader |
| Disciplina | 577.14 |
| Soggetti | Environmental chemistry<br>Environmental engineering<br>Biotechnology<br>Bioremediation<br>Environmental Chemistry<br>Environmental Engineering/Biotechnology |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Section 1: Towards a sustainable algal management -- Section 2. Algal management in wastewater treatment -- Section 3. Microalgae for biodiesel production -- Section 4. Microalgae and cyanobacteria for food applications -- Section 5. Algal roles in climate change mitigation. |
| Sommario/riassunto | This book provides an overview of challenges and opportunities for algal management to mitigate climate change. This book offers new perspectives on how to control water pollution due to algae, while converting it to biosorbent and biodiesel that could be sold in market. The work also explores how to improve the performance of algae for such purposes. By identifying existing knowledge gap, this work uncovers new research directions for further development of algal management to address global environmental pollution. • Extensive literature survey (2001-2023) in algal management based on empirical approach in the body of knowledge • A comprehensive overview with critical analysis of algal management, for water treatment, biodiesel production, and food production, while dealing with climate change • |

Providing insights about challenges, research direction, outlook, and perspectives of algal management in Industry 4.0 era This book has an advantage that each chapter will be written by experts around the world working in their respective fields. As a result, this volume presents a balanced picture across the whole spectrum of algae. Furthermore, the authors are from both the developing and developed countries thus giving a worldwide perspective of looming climatic problems.