

1. Record Nr.	UNINA9910483195403321
Titolo	Southern Iraq's marshes : their environment and conservation // edited by Laith A. Jawad
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2021] ©2021
ISBN	3-030-66238-1
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (XXIII, 815 p. 364 illus., 262 illus. in color.)
Collana	Coastal research library ; ; 36
Disciplina	577.82
Soggetti	Biotic communities
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Introduction -- Part I. Historical perspectives -- Chapter 2. Cities in the Water: Waterscape and Evolution of Urban Civilization in Southern Mesopotamia as seen from Tell Zurghul, Iraq (Davide Nadali) -- Chapter 3. Reed-Swamps in the Sumerian Material Culture: Archaeological, Archaeobotanical and Experimental Insights from the Abu Tbeirah Excavations (Licia Romano, Alessandra Celant, Maria Virginia Montorfani, Franco D'Agostino) -- Chapter 4. Human Ecology of the Marshes (Ariel I. Ahram) -- Chapter 5. Role of women in ancient Mesopotamia and the southern marshes of Iraq: a comparative account (Laith A. Jawad) -- Part II. Environmental factors -- Chapter 6. Physical and chemical characters of Mesopotamian marshes: a short review (Bahram K. Maulood and Fikrat M. Hassan) -- Chapter 7. Hydrologic structures in the Tigris Euphrates Bas and their impact on the vitality of the Marshes (Toon Bijmens) -- Chapter 8. Importance of Hydrological and Hydrogeological Studies in Wetlands: Examples from Turkey (Melis Somay-Altas) -- Chapter 9. Use of Multispectral and Hyperspectral Satellite Imagery for Monitoring Water Bodies and Wetlands (Mahdi Hasanlou and Seyd Teymoor Seydi) -- Chapter 10. Usage of Satellite technology in monitoring the wetlands of Turkey, Tigris and Euphrates Watershed (Gordana Kaplan, Zehra Yigit Avdan, Ugur Avdan) -- Part III. Geology -- Chapter 11. Sedimentology and Mineralogy of Quaternary Sediments of Marshes, South of Iraq (Badir N. Albadran) -- Part IV. Major biotope -- Chapter 12. Phytoplankton and Primary Production in

Iraqi marshes (Bahram K. Maulood and Fikrat M. Hassan) -- Chapter 13. Distribution patterns, diversity centres and priorities for conservation of Iranian true aquatic plants (Ahmadreza Mehrabian) -- Chapter 14. Compiled checklist of aquatic invertebrates of the southern marshes of Iraq (Laith A. Jawad) -- Chapter 15. The Indian shad *Tenulosa ilisha* (Hamilton, 1822) in the southern marshes of Iraq: a revision and evaluation of a compiled data (Laith A. Jawad) -- Chapter 16. The presence of *Gambusia* fish in the southern marshes of Iraq: bad or good (Laith A. Jawad) -- Chapter 17. Checklist of freshwater fishes of southwestern wetlands of Iran (Hamid Reza Esmaeili) -- Chapter 18. Checklist of fishes of the Caspian Sea basin: Land of Wetlands (Hamid Reza Esmaeili, Keyvan Abbasi) -- Chapter 19. The ornithological importance of the southern marshes of Iraq (Mudhafar A. Salim, Salwan A. Abed, and Richard F. Porter) -- Part V. Biodiversity aspects -- Chapter 20. Northern Gulf Marine Biodiversity in Relevance to the River Discharge (Faiza Al-Yamani, Igor Polikarpov, Maria Saburova) -- Chapter 21. A possible threat to the fish biodiversity in the southern marshes of Iraq: a mini review (Laith A. Jawad) -- Chapter 22. Biotic homogenisation: a process that happening in the southern marshes of Iraq (Laith A. Jawad) -- Part VI. Natural resources -- Chapter 23. Fish, fishing methods and Fisheries of the southern marshes of Iraq (Laith A. Jawad) -- Chapter 24. The artisanal fishers in the southern marshes of Iraq and the traditional ecological knowledge (Laith A. Jawad) -- Part VII. The marshes and human health -- Chapter 25. Fish consumption of mothers and their children in fishermen society in the marsh areas (Laith A. Jawad) -- Chapter 26. Ingestion of fish bones: clinical cases from the marsh areas of Iraq (Laith A. Jawad) -- Part VIII. Environmental challenges -- Chapter 27. The status of pollution in the southern marshes of Iraq: A short review (Nader A. Salman, Hamid T. Al-Saad, Faris J. Al-Ijarah) -- Chapter 28. The effects of man-made noise on the fishes in the marshes of Iraq (Laith A. Jawad) -- Chapter 29. Heavy metals in wetlands in Turkey (Onur Can Türker and Jan Vymazal) -- Chapter 30. Locals' awareness of ecotourism in the southern marshes of Iraq (Laith A. Jawad) -- Chapter 31. The effects of thermal pollution on the aquatic life in the southern marshes of Iraq (Laith A. Jawad) -- Part IX. Conservation -- Chapter 32. What ecological principles required for a proposed establishment and management of national parks in the southern marshes of Iraq (Laith A. Jawad) -- Chapter 33. The possible difficulties and outcomes of the biodiversity conservation of the southern marshes of Iraq (Laith A. Jawad) -- Chapter 34. Co-Management scheme to protect the southern marshes of Iraq: a proposal (Laith A. Jawad) -- Chapter 35. Eradication as a method to manage the non-native fish in the marsh environment: a proposal (Laith A. Jawad) -- Chapter 36. Freshwater commercial bycatch in the southern marshes of Iraq: the unexploited aquatic wealth and understated conservation problem (Laith A. Jawad) -- Part X. Socio-economic aspects -- Chapter 37. Ornamental fish farming: a proposal for a successful small scale aqua business project in the southern marshes of Iraq (Laith A. Jawad) -- Chapter 38. Migration of youth to the big cities from the southern marshes of Iraq: solutions to keep locals with an upgrading for their skills and livelihood (Laith A. Jawad) -- Chapter 39. The daily life of the marsh Arab of the southern marshes of Iraq through a camera lens (Laith A. Jawad) -- Chapter 40. Socio-economic status comparison of fishermen community in two marsh areas in southern Iraq (Laith A. Jawad).

Sommario/riassunto

The Mesopotamian marshes are important for economic, social, and biodiversity values and have been home to indigenous human communities for millennia. They are regarded as a legendary site. This

multi-authored book contains chapters written by world-renowned experts in their field. Both basic and applied information are made available, making the book a must-have for a wide spectrum of users. For example, an understanding of the natural and the social aspects of the marshes, as described here, is an obvious prerequisite for a pest management plan in this area. Scholars interested in wetlands can use this book as a guide to compare different wetlands areas in Asia. The bibliography section contains valuable references to the marsh areas and research in the field. This book serves as an up-to-date comprehensive source of information on different aspects of the southern marshes of Iraq and is aimed at academic scholars, environmentalists, and decision makers.
