

1. Record Nr.	UNINA9910253874603321
Titolo	Sabkha Ecosystems : Volume V: The Americas // edited by M. Ajmal Khan, Benno Boër, Münir zturk, Miguel Clüsener-Godt, Bilquees Gul, Siegmair-W. Breckle
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-27093-1
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XXIV, 431 p. 144 illus., 74 illus. in color.)
Collana	Tasks for Vegetation Science, , 0167-9406 ; ; 48
Disciplina	577
Soggetti	Ecosystems Plant ecology Environmental management Sustainable development Plant Ecology Environmental Management Sustainable Development
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	1. Prospects of environmentally friendly farms for food security in hot and dry coastal areas based on seawater irrigation and waste products – An inspirational proposal -- 2. Halophytic life in Brazilian salt flats: Biodiversity, uses and threats -- 3. Physiological ecology of psammophytic and halophytic plant species from coastal plains in northern South America -- 4. Morphophysiology and biochemistry of Prosopis strombulifera under salinity. Are halophytes tolerant to all salts? -- 5. A review of the North American halophyte Suaeda linearis (Ell.) Moq -- 6. Assessing seeds germination responses of Great Basin halophytes to various exogenous chemical treatments under saline conditions -- 7. Assessing seeds germination responses of Great Basin halophytes to various exogenous chemical treatments under saline conditions -- 8. THE IMPACT OF LAKE BONNEVILLE AND LAKE LAHONTAN ON THE HALOPHYTES OF THE GREAT BASIN -- 9. Halophytic

flora of Argentina: A checklist and an analysis of its diversity -- 10. Coastal environments in the Bahía Blanca Estuary, Argentina -- 11. *Sarcocornia magellanica* (Phil.) M. A. Alonso & M. B. Crespo: A halophyte native of Tierra del Fuego (Argentina) irrigated with sea water for human consumption and production of sheep meat -- 12. Design concept of a reverse osmosis reject irrigated landscape: Connecting source to sabkha -- 13. The seed bank of a hypersaline shrub community in the Bahamas -- 14. Salt contaminated water phytotreatment by constructed wetland -- 15. Agriculture and sheep production on Patagonian sabkhas with *Sarcocornia neei*, irrigated with sea water (Chubut - Argentina) -- 16. Germination and growth of *Panicum virgatum* in nacl gradient: Potential for restoration and biofuel production -- 17. Floristic diversity of halophytic plants of Mexico -- 18. Soil-plant relationships in the sabkhas of America -- 19. Effects of competition, salinity and disturbance on the growth of *Poa pratensis* (Kentucky Bluegrass) and *Puccinellia nuttalliana* (Nuttall's Alkaligrass) -- 20. Ecophysiology of native species from Patagonian Monte, Argentina -- 21. *Distichlis palmeri*: An endemic grass in the coastal sabkhas of the northern Gulf of California and a potential new grain crop for saltwater agriculture -- 22. Effect by plant growth promoting bacteria (*Azospirillum halopraeferens* and *Klebsiella pneumoniae*) on lipid value in seeds of the halophyte *Salicornia bigelovii* Torr -- 23. Germination Factors and Influences on Button-wood, *Conocarpus erectus*, Combretaceae -- 24. Plant growth promoting Rhizobacteria associated to halophytes: Potential applications in agriculture. .

Sommario/riassunto

This book is a part of the Sabkha Ecosystems series which was designed to provide information on sabkha ecosystems of different regions and to add to the collective knowledge available about saline ecosystems. The comprehensive coverage assists the reader gaining a thorough understanding of sabkha geology, hydrology, geomorphology, zoology, botany, ecology and ecosystem functioning, as well as sabkha conservation, utilization and development. Volume I focused on The Arabian Peninsula and Adjacent Countries, volume II was based on describing saline ecosystems of West and Central Asia , volume III referred to Africa and Southern Europe, while volume IV focused on Cash Crop Halophyte and Biodiversity Conservation. The present volume V focuses on Americans. .
