

1. Record Nr.	UNINA9910709891503321
Autore	Adelfang Stanley I.
Titolo	Study of wind change for the development of loads reduction techniques for the space shuttle // S.I. Adelfang
Pubbl/distr/stampa	Washington, D.C. : , : National Aeronautics and Space Administration, Scientific and Technical Information Branch, , February 1987
Descrizione fisica	1 online resource (various pagings) : illustrations
Collana	NASA/CR ; ; 4045
Soggetti	Wind effects Gust loads Space shuttles California Wind shear
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"February 1987." Includes appendices. "Computer Sciences Corporation."
Nota di bibliografia	Includes bibliographical references (page 31).

2. Record Nr.	UNINA9910968529903321
Titolo	Ecological restoration // George H. Pardue and Thomas K. Olvera, editors
Pubbl/distr/stampa	New York, : Nova Science Publishers, c2009
ISBN	1-60876-611-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (253 p.)
Altri autori (Persone)	PardueGeorge H OlveraThomas K
Disciplina	333.71/53
Soggetti	Restoration ecology Applied ecology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Ecological Restoration -- Contents -- Preface -- Auction Designs for Native Biodiversity Conservation on Private Lands -- Abstract -- 1. Introduction -- 2. An Overview of Conservation Auctions -- 3. Limitations of Existing Conservation Auction Designs -- 4. Output-Based Auction -- 5. Conservation of Multiple Species -- 6. A Bio-Economic Model on Conservation of Multiple Species -- 7. Combinational Biodiversity Auction -- 8. Concluding Remarks -- Acknowledgment -- References -- Appendix -1: A Bio-Economic Model on Endangered Species Conservation in the Wheat Belts of WA -- River Channel Restoration for Ecological Improvement -- Abstract -- Introduction: Development of the Restoration Paradigm in River Science -- The Scientific Basis for River Channel Habitat Restoration -- Success in the Restoration of Rivers for Ecological Purposes -- The Future -- Conclusion -- References -- Effects of Ecological Restoration on Biogeochemical Processes in Complex Riverine Landscapes -- Abstract -- Introduction -- The Austrian Danube Stretch Downstream of Vienna -- Effects on Biogeochemical Processes in Riverine Landscapes -- The Importance of Algal Production for Organic Matter Dynamics -- The Hydrological Control of Planktonic Processes in Side-Arms -- Future Perspectives for Ecological Restoration of Large Rivers -- Acknowledgments -- References -- Integrating Structural and Functional Metrics to Assess the Early Success of Salt Marsh Restoration

-- Abstract -- Introduction -- Materials and Methods -- Results -- Discussion -- Acknowledgments -- References -- Restoration of Channelized Fluvial Systems and Their Floodplains -- Abstract -- Introduction -- Floodplain Formation -- Sediment -- Hydrology -- Floodplain Features -- Floodplain Forests -- Alterations to Fluvial Systems -- Case Study: Western Tennessee -- Restoration Guidelines -- References.

Restoration, Rehabilitation and Gardening in Mediterranean Stream Ecosystems -- Abstract -- Introduction -- Restoration, Rehabilitation and Gardening -- Water Quality and Quantity -- In-Stream Habitat -- Riparian Vegetation -- Stream Connectivity -- Exotic Species -- Scope for Future Projects -- References -- Lessons that Nature Urges People to Learn: Experience from Open Drain Research -- Abstract -- Introduction -- Materials, Site Description and Methods -- Examples of Landscape Environmental Recovery -- Considerations Concerning the Examples -- Summary -- References -- Evaluation of Biological Quality of Lotic Ecosystems in Central-Southern Italy: A Comparison of Different European Biotic Indices -- Abstract -- 1. Introduction -- 2. Materials and Methods -- 3. Discussion and Conclusions -- Acknowledgments -- References -- Index.

Sommario/riassunto

Human exploitation of stream and land ecosystems has created the need to preserve, restore and rehabilitate. This book discusses the scientific basis of restoration for ecological improvement and some key issues associated with overall projects. In addition, some of the challenges and opportunities for further research in river restoration science is explored and the associated fields of ecohydraulics and eco-hydromorphology. An analysis of the effects of river side-arm restoration on ecosystem functions is also included, as well as an experimental approach to assessing marsh restoration as compared to a strict monitoring process. The concept of combinatorial biodiversity auction is discussed in this book, showing that the combinatorial biodiversity auction can allow farmers to benefit from cost complementarities and help to maximise biodiversity outcomes within a given budget. Also included is a presentation of the need for restoration and rehabilitation projects developed according to an ecological theory considering species life history, habitat template and spatio-temporal scope, the bi-directional effect of self-renaturalisation processes on the environment and a study on how different river typologies may alter the evaluations of biological quality.
