

1. Record Nr.	UNINA9910966804703321
Titolo	Re-engineering water storage in the Everglades : risks and opportunities // Committee on Restoration of the Greater Everglades Ecosystem, Water Science and Technology Board, Board on Environmental Studies and Toxicology, Division on Earth and Life Sciences, National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, c2005
ISBN	9786610173679 9780309181501 030918150X 9781280173677 128017367X 9780309547420 0309547423
Edizione	[1st ed.]
Descrizione fisica	1 online resource (140 p.)
Disciplina	628.13
Soggetti	Water - Storage - Florida - Management Aquifer storage recovery - Florida Water-supply - Florida - Management Water resources development - Florida - Management Natural resources conservation areas - Florida Everglades National Park (Fla.) Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This is the seventh and final report of the National Research Council's (NRC) Committee on Restoration of the Greater Everglades Ecosystem (CROGEE), which provides consensus advice to the South Florida Ecosystem Restoration Task Force."--Preface, p. vii. "This project was supported by the South Florida Ecosystem Restoration Task Force, U.S. Department of the Interior, under assistance of Cooperative Agreement No. 5280-9-9029, and U.S. Army Corps of Engineers."
Nota di bibliografia	Includes bibliographical references (p. 103-114).
Nota di contenuto	""Front Matter""; ""Preface""; ""Contents""; ""Executive Summary""; ""1

Introduction"; "2 Major Storage Components"; "3 Cross-Cutting Issues"; "4 Reconsidering Available Storage Options"; "5 Evaluating Ecological Tradeoffs"; "6 Findings and Recommendations"; "References Cited"; "Appendixes"; "Appendix A Master Implementation Sequencing Plan Compared to Initial Restudy Schedule"; "Appendix B Water Science and Technology Board and Board on Environmental Studies and Toxicology Rosters"; "Appendix C Biographical Sketches of Members of the Committee on Restoration of the Greater Everglades Ecosystem"

---

## Sommario/riassunto

The Water Science and Technology Board and the Board on Environmental Studies and Toxicology have released the seventh and final report of the Committee on Restoration of the Greater Everglades Ecosystem, which provides consensus advice to the South Florida Ecosystem Restoration Task Force on various scientific and technical topics. Human settlements and flood-control structures have significantly reduced the Everglades, which once encompassed over three million acres of slow-moving water enriched by a diverse biota. To remedy the degradation of the Everglades, a comprehensive Everglades Restoration Plan was formulated in 1999 with the goal of restoring the original hydrologic conditions of its remaining natural ecosystem. A major feature of this plan is providing enough storage capacity to meet human needs while also providing the needs of the greater Everglades ecosystem. This report reviews and evaluates not only storage options included in the Restoration Plan but also other options not considered in the Plan. Along with providing hydrologic and ecological analyses of the size, location and functioning of water storage components, the report also discusses and makes recommendations on related critical factors, such as timing of land acquisition, intermediate states of restoration, and tradeoffs among competing goals and ecosystem objectives.

---