1. Record Nr. UNINA9910456115403321 Science and the Greater Everglades ecosystem restoration [[electronic **Titolo** resource]]: an assessment of the Critical Ecosystem Studies Initiative / / Panel to Review the Critical Ecosystem Studies Initiative, Water Science and Technology Board, Board on Environmental Studies and Toxicology, Division on Earth and Life Studies, National Research Council of the **National Academies** Pubbl/distr/stampa Washington, D.C., : National Academy Press, c2003 **ISBN** 1-280-18013-7 9786610180134 0-309-56651-7 Descrizione fisica 1 online resource (168 p.) Disciplina 508.759 Soggetti Ecosystem management - Research - Florida - Everglades Aquifer storage recovery - Research - Florida - Everglades Water quality management - Research - Florida - Everglades Electronic books. 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 (p. 88-96). Nota di contenuto ""SCIENCE AND THE GREATER EVERGLADES ECOSYSTEM RESTORATION""; ""Copyright""; ""Preface""; ""Acknowledgements""; ""Contents""; ""Executive Summary""; ""CESI BACKGROUND""; ""CESI MANAGEMENT""; ""UNMET SCIENCE NEEDS""; ""CESI FUNDING""; ""LINKS TO DECISION MAKING""; ""CONCLUSION""; ""1 Introduction and Background ""; ""SOUTH FLORIDA'S ENVIRONMENTAL DEGRADATION""; ""STEPS TOWARD RESTORATION""; ""The Central And Southern Florida Project""; ""Renewed Momentum Toward Restoration""; ""The Comprehensive Everglades Restoration Plan""; ""Other South Florida Restoration Projects"; ""EVERGLADES SCIENCE"" ""The First Century of Science"""Adaptive Management and the Beginnings of Everglades Restoration Science""; ""Role of Science in

Restoration Decision Making""; ""Critical Ecosystem Studies Initiative"";

""GENESIS OF THIS STUDY AND CHARGE TO PANEL""; ""2 Overview of the

CESI Program ""; ""CESI HISTORY AND CONCEPT"": ""CESI PROGRAM AREAS, PROJECTS, AND ACCOMPLISHMENTS""; ""SUMMARY OF RESEARCH NEEDS AND CESI PROGRAM DIRECTION""; ""EVALUATING THE TIMELINESS OF CESI RESEARCH""; ""3 CESI Program Management ""; ""CESI MANAGEMENT STRUCTURE""; ""Setting CESI Funding Priorities"" ""Proposal Funding Process""""EVALUATION OF CESI MANAGEMENT""; ""Current Organizational Structure""; ""Accountability and Public Communication""; ""Peer Review""; ""Future Organizational Plans""; ""4 Financial Resources ""; ""CESI FINANCIAL RESOURCES""; ""EVALUATION OF CESI FINANCIAL RESOURCES""; ""5 CESI Science in the Greater Everglades Ecosystem Restoration ""; ""SCIENCE CONTRIBUTIONS TO DEFINING GOALS""; ""SCIENCE AND CONCEPTUALIZATION OF ECOSYSTEMS""; ""LEARNING AS THE FOUNDATION FOR RESTORATION MANAGEMENT""; ""Research, Monitoring, and Modeling as Part of Learning"" ""Synthesis as Part of Learning""""INTEGRATION OF NEW KNOWLEDGE INTO RESTORATION EFFORTS"; ""CESI Contributions to Integration""; ""Barriers and Challenges to Integration""; ""Accelerated Timetables of Restoration""; ""Institutions to Support Integration""; ""Establishing a Collaborative Culture""; ""ROLE OF THE CESI AND OTHER SCIENCE PROGRAMS IN THE GREATER EVERGLADES ECOSYSTEM RESTORATION""; ""6 Conclusions and Recommendations ""; ""REFERENCES""; ""References""; ""Acronyms""; ""Appendixes""; ""Appendix A CESI-Funded Projects, 1997a€?2001 "" ""Appendix B CESI-funded Research Projects and Their Relationship to the Science Subgroup Science Objectives"""Appendix C Future CESI Science Objectives ""; ""Appendix D Structure of RECOVER ""; ""RECOVER

""Appendix B CESI-funded Research Projects and Their Relationship to the Science Subgroup Science Objectives"""Appendix C Future CESI Science Objectives ""; ""Appendix D Structure of RECOVER ""; ""RECOVER LEADERSHIP TEAM""; ""RECOVER TEAMS""; ""Adaptive Assessment Team (AAT)""; ""Regional Evaluation Team (RET)""; ""Comprehensive Refinement Team (CRT)""; ""Model Development Team (MDT)""; ""Operation Plan Team (OPT)""; ""Water Quality Team (WQT)""; ""Appendix E Memorandum of Understanding for Integration of Research, Planning and Interagency Coordination"" ""Implementing DOI's Everglades MOU""