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Titolo	Second workshop on teaching photonics at Egyptian engineering faculties & institutes : National Institute of Laser Enhanced Science, Giza, 24 Oct., 2000
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Disciplina	621.36/071/062
Soggetti	Photonics - Study and teaching (Higher) - Egypt Applied Physics Engineering & Applied Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
2. Record Nr.	UNINA9910961680103321
Titolo	Ecological indicators for the nation / / Committee to Evaluate Indicators for Monitoring Aquatic and Terrestrial Environments, Board on Environmental Studies and Toxicology [and] Water Science and Technology Board, Commission on Geosciences, Environment, and Resources, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, c2000
ISBN	9780309172479 0309172470 9780309515542 0309515548
Edizione	[1st ed.]
Descrizione fisica	1 online resource (199 p.)
Disciplina	363.7/063/0973
Soggetti	Indicators (Biology) Environmental monitoring
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. 131-148) and index.
Nota di contenuto	""Front Matter""; ""Preface""; ""Acknowledgment of Reviewers""; ""Contents""; ""Executive Summary""; ""1 Introduction""; ""2 The Empirical and Conceptual Foundations of Indicators""; ""3 A Framework for Indicator Selection""; ""4 Indicators for National Ecological Assessments""; ""5 Local and Regional Indicators""; ""References""; ""Appendix A Variability, Complexity, and the Design of Sampling Procedures""; ""Appendix B Markov Matrices of Landscape Change""; ""Appendix C Biographical Sketches of Committee Members and Staff""; ""Index""
Sommario/riassunto	Environmental indicators, such as global temperatures and pollutant concentrations, attract scientists' attention and often make the headlines. Equally important to policymaking are indicators of the ecological processes and conditions that yield food, fiber, building materials and ecological "services" such as water purification and recreation. This book identifies ecological indicators that can support U. S. policymaking and also be adapted to decisions at the regional and local levels. The committee describes indicators of land cover and productivity, species diversity, and other key ecological processes--explaining why each indicator is useful, what models support the indicator, what the measured values will mean, how the relevant data are gathered, how data collection might be improved, and what effects emerging technologies are likely to have on the measurements. The committee reviews how it arrived at its recommendations and explores how the indicators can contribute to policymaking. Also included are interesting details on paleoecology, satellite imagery, species diversity, and other aspects of ecological assessment. Federal, state, and local decisionmakers, as well as environmental scientists and practitioners, will be especially interested in this new book.