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| Nota di contenuto | Coupling landscape ecology with natural resource management : paradigm shifts and new approaches / Jianguo Liu and William W. Taylor -- Integrating landscape structure and scale into natural resource management / John A. Wiens, Beatrice van Horne, and Barry R. Noon -- Focal patch landscape studies for wildlife management : optimizing sampling effort across scales / Julie M. Brennan [and others] -- Managing for small-patch patterns in human-dominated landscapes : cultural factors and Corn Belt agriculture / Robert C. Corry and Joan Iverson Nassauer -- A landscape approach to managing the biota of streams / Charles F. Rabeni and Scott P. Sowa -- Linking ecological and social scales for natural resource management / Kristiina A. Vogt [and others] -- Assessing the ecological consequences of forest policies in a |

multi-ownership province in Oregon / Thomas A. Spies [and others] -- Incorporating the effects of habitat edges into landscape models : effective area models for cross-boundary management / Thomas D. Sisk and Nick M. Haddad -- Aquatic-terrestrial linkages and implications for landscape management / Rebecca L. Schneider, Edward L. Mills, and Daniel C. Josephson -- A landscape-transition matrix approach for land management / Virginia H. Dale, Desmond T. Fortes, and Tom L. Ashwood -- Tactical monitoring of landscapes / Dean L. Urban -- Landscape change : patterns, effects, and implications for adaptive management of wildlife resources / Daniel T. Rutledge and Christopher A. Lepczyk -- Landscape ecology in highly managed regions : the benefits of collaboration between management and researchers / John B. Dunning Jr. -- Putting multiple use and sustained yield into a landscape context / Thomas R. Crow -- Integrating landscape ecology into fisheries management : a rationale and practical considerations / William W. Taylor [and others] -- Applications of advanced technologies in studying and managing grassland landscape integrity / Greg A. Hoch, Brent L. Brock, and John M. Briggs -- An integrated approach to landscape science and management / Richard J. Hobbs and Robert Lambeck -- Bridging the gap between landscape ecology and natural resource management / Monica G. Turner [and others] -- Landscape ecology of the future : a regional interface of ecology and socioeconomics / Eugene P. Odum.

Sommario/riassunto

The rapidly increasing global population has dramatically increased the demands for natural resources and has caused significant changes in quantity and quality of natural resources. To achieve sustainable resource management, it is essential to obtain insightful guidance from emerging disciplines such as landscape ecology. This text addresses the links between landscape ecology and natural resource management. These links are discussed in the context of various landscape types, a diverse set of resources and a wide range of management issues. A large number of landscape ecology concepts, principles and methods are introduced. Critical reviews of past management practices and a number of case studies are presented. This text provides many guidelines for managing natural resources from a landscape perspective and offers useful suggestions for landscape ecologists to carry out research relevant to natural resource management. In addition, it will be an ideal supplemental text for graduate and advanced undergraduate ecology courses.
