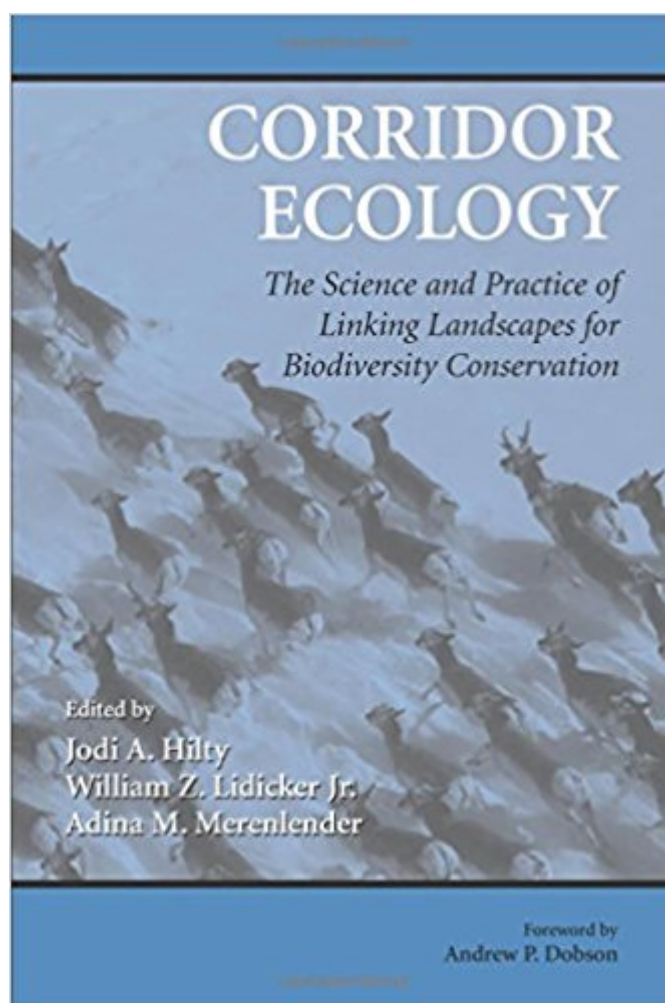


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Corridor Ecology: The Science And Practice Of Linking Landscapes For Biodiversity Conservation



Synopsis

Corridor Ecology presents guidelines that combine conservation science and practical experience for maintaining, enhancing, and creating connectivity between natural areas with an overarching goal of conserving biodiversity. It offers an objective, carefully interpreted review of the issues and is a one-of-a-kind resource for scientists, landscape architects, planners, land managers, decision-makers, and all those working to protect and restore landscapes and species diversity.

Book Information

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Customer Reviews

"Humans have so disrupted natural communities that fragmentation of habitat has become a major threat to species survival and connecting isolated patches with corridors of habitat is now a critical issue in ecology. The authors offer a superb discussion of the concept, design, and management of corridor ecology, including such complex topics as population regulation, habitat restoration, and the genetic consequences of ignoring the issue. The book is a timely, thorough, and uniquely valuable distillation of existing knowledge, and represents an essential resource for everyone concerned with landscape ecology." (George B. Schaller Wildlife Conservation Society)"It is increasingly apparent that nature reserves in the tropics are swiftly disappearing in the face of expanding human populations and rising levels of consumption. Countryside biogeography, at the cutting edge of conservation biology, is the science of improving the capacity of human-disturbed areas to maintain biodiversity. Humanity is fortunate that at this juncture we have a brilliant and comprehensive book on corridors, a central idea of that science. Everyone's ecologists, managers,

politicians, laypersonsâ€”concerned with protecting earth’s biological diversity will want to own Corridor Ecology.” (Paul R. Ehrlich author of One with Nineveh)“Habitat loss and fragmentation is an increasing concern to wildlife managers. The authors offer practical advice to state wildlife agencies and their many conservation partners across the nation, allowing them to effectively apply the concepts of corridor ecology.” (Naomi Edelson wildlife diversity director, International Association of Fish and Wildlife Agencies)“The great value of this book lies in the varied examples and in the models, which show the problems and conditions of corridor establishment and the factors related to designing a corridor. The book will inspire the creation of corridors, and explains how to design one and how to take greater advantage of it. Finally, the book will challenge scholars to be critical and to find improved approaches to conservation projects.” (Oryx, The International Journal of Conservation)

Jodi A. Hilty is assistant director of the Wildlife Conservation Society’s North American Program. William Z. Lidicker Jr. is professor of integrative biology and curator of mammals emeritus at the Museum of Vertebrate Zoology, University of California, Berkeley. Adina M. Merenlender is associate cooperative extension specialist and adjunct associate professor in the Department of Environmental Science, Policy, and Management at the University of California, Berkeley.

It met my expectations and was very helpful in helping me to understand how we can use our home to build bridges between fragmented natural habitats for animals, birds, insects and, even, plants.

great

Good for school

I highly recommend Corridor Ecology for anyone who is interested in corridors, land fragmentation, and species conservation. It is the most comprehensive literature I have come across in terms of the role of corridors, corridor design and implementation. As a current graduate student working on a corridor project, this book has been incredibly helpful in planning my field work in ground truthing Least-Cost path corridors. Especially the chapter, Corridor Quality: Continuity, Composition, and Dimension. It has really helped me understand better how to evaluate potential corridors. My advisor has been so impressed with the book that she is going to order some for the library and a biodiversity center that is being set up at campus. I also feel that this would be an excellent text for

conservation courses as it covers issues such as metapopulation theory, edge effects and focal species considerations. The book also covers issues and potential problems that need to be dealt with when designing a corridor, which is very valuable. I also think this would be an excellent source for land management agencies and the Department of Transportation to utilize. The authors do an excellent job in bringing together all aspects of corridor ecology by utilizing the most current literature, valuable study cases along with their incredible field and research experience. Tanya Diamond M.S. Candidate San Jose State University

I bought this sleeper for a project I was doing on connectivity and corridor analysis. It was very dry reading, a lot of dry fluff to be more exact. I let a Dr. I work with borrow it, he dropped it in the toilet by accident. I was given a gift card to rebuy it, but choose another book.

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