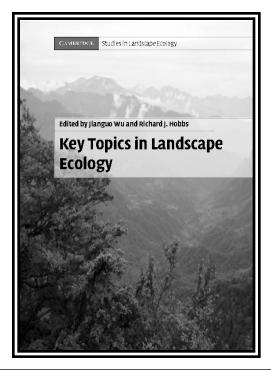
Forthcoming

KEY TOPICS IN LANDSCAPE ECOLOGY

EDITED BY

JIANGUO WU Arizona State University RICHARD HOBBS Murdoch University, Western Australia

Landscape ecology is a relatively new area of study, which aims to understand the pattern of interaction of biological and cultural communities within a landscape. This book brings together leading figures from the field to provide an up-to-date survey of recent advances, identify key research problems and suggest a future direction for development and expansion of knowledge. Providing in-depth reviews of the principles and methods for understanding landscape patterns and changes, the book illustrates concepts with examples of innovative applications from different parts of the world. Forming a current 'state-of-the-science' for the science of landscape ecology, this book forms an essential reference for graduate students, academics, professionals and practitioners in ecology, environmental science, natural resource management, and landscape planning and design.



Hardback ISBN 0-521-85094-0 List: \$120.00* **Disc.: \$96.00*** 400 pp. Paperback ISBN 0-521-61644-1 List: \$60.00* **Disc.: \$48.00*** 400 pp.

Please see the reverse to order at a 20% discount.

Contents

Preface; Part I. Introduction: 1. Perspectives and prospects of landscape ecology Richard Hobbs and Jianguo Wu; Part II. Key Topics and Perspectives: 2. Adequate data of known accuracy are critical to advancing the field of landscape ecology Louis R. Iverson; 3. Landscape pattern analysis: key issues and challenges Harbin Li and Jianguo Wu; 4. Spatial heterogeneity and ecosystem processes Monica G. Turner and Jeffrey A. Cardille; 5. Landscape heterogeneity and metapopulation dynamics Lenore Fahrig; 6. Determining pattern-process relationship in heterogeneous landscapes Robert H. Gardner, James D. Forester and Roy E. Plotnick; 7. Scale and scaling: a cross-disciplinary perspective Jianguo Wu; 8. Optimization of landscape pattern John Hof and Curtis Flather; 9. Advances in detecting landscape changes at multiple scales: examples from Northern Australia John A. Ludwig; 10. The preoccupation of landscape research with land use and land cover Marc Antrop; 11. Applying landscape-ecological principles to regional conservation: the wildcountry project in Australia Brendan G. Mackey, Michael E. Soulé, Henry A. Nix, Harry F. Recher, Robert G. Lesslie, Jann E. Williams, John C. Z. Woinarski, Richard J. Hobbs and Hugh P. Possingham; 12. Using landscape ecology to make sense of Australia's last frontier David Bowman; 13. Transferring ecological knowledge to landscape planning: a design method for robust corridors Claire Vos, Paul Opdam, Eveliene G. Steingröver and Rien Reijnen; 14. Integrative landscape research: facts and challenges Gary Fry, Bärbel Tress and Gunther Tress; Part III. Synthesis: 15. Landscape ecology: the state of the science Jianguo Wu and Richard J. Hobbs; Index.

20% DISCOUNT ORDER FORM MS6WUHOBBS

Offer Good Until OCT. 31, 2006

___0-521-85094-0Wu & Hobbs / Key Topics in Landscape EcologyHardbackList: \$120.00*Disc.: \$96.00*__0-521-61644-1Wu & Hobbs / Key Topics in Landscape EcologyPaperbackList: \$60.00*Disc.: \$48.00*

TERMS OF THE OFFER: All individual orders must be prepaid by check or money order or charged on American Express, Visa card or MasterCard (libraries excepted). The use of a credit card will expedite your order. Canadian residents, add 7% GST. Shipping and handling charges for North America are \$6.00 for the first book and \$1.75 for each additional book. Outside North America (on credit card orders accepted) - \$9.00 for first book, \$5.00 for each additional book (surface mail). *** All prices are in US dollars and subject to change**

Name	Total prices from above	\$
Address	Add NY/CA Sales tax	\$
City	Canadians add 7% GST	\$
StateZip	Add shipping charges	\$
Institution	Net Total	\$
[] Payment Enclosed \$	[] Visa [] MasterCard [] American Express	
Credit Card Number	Expiration Date	
Signature		
Return To: Order Dept • Cambridge University Press • 100 Brook Hill Drive • West nyack, NY 10994 Toll-Free: (800) 872-7423 / FAX: (845) 353-4141		

http://cambridge.org/us