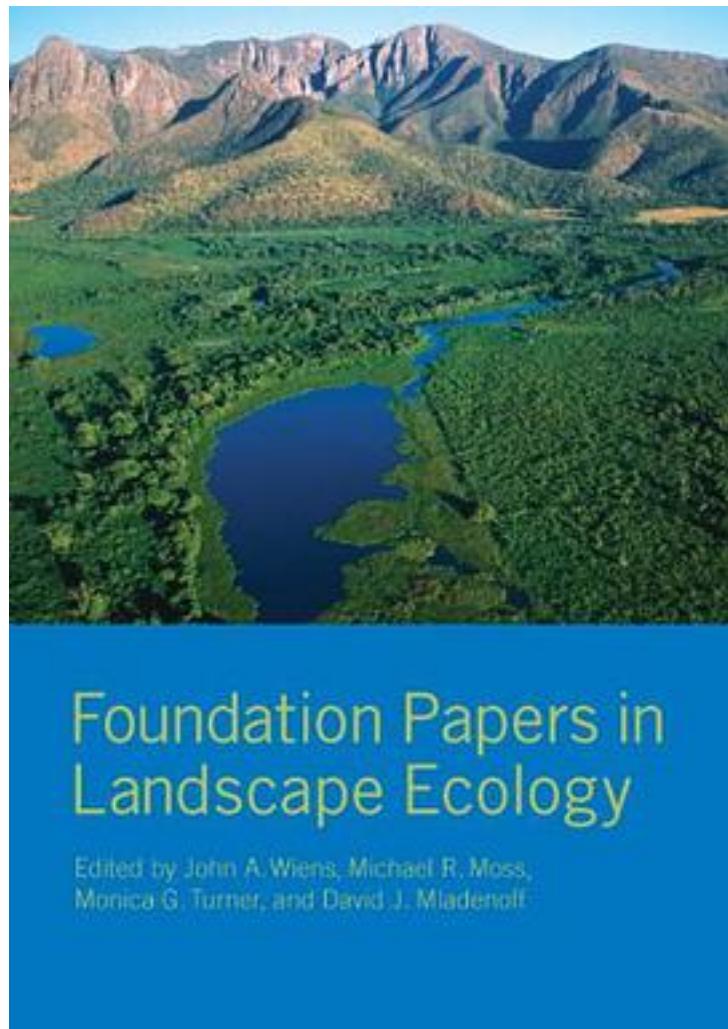


Foundation Papers in Landscape Ecology



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Landscape ecology focuses on spatial heterogeneity, or the idea that where things are and where they are in relation to other things can have important consequences for a wide range of phenomena. Landscape ecology integrates humans with natural ecosystems and brings a spatial perspective to such fields as natural resource management, conservation, and urban planning. The thirty-seven papers included in this volume present the origins and development of landscape ecology and encompass a variety of perspectives, approaches, and geographies. The editors begin with articles that illuminate the discipline's diverse scientific foundations, such as L. S. Berg's keystone paper outlining a geoecological analysis based on soil science, physical geography, and geology. Next they include selections exemplifying landscape ecologists' growing awareness of spatial pattern, the different ways they incorporated scale into their work, the progression of landscape ecology from a qualitative to a quantitative discipline, and how concepts from landscape ecology have come to permeate ecological research and influence land-use policy, conservation practices, landscape architecture, and geography. Together these articles provide a solid introduction to what is now widely recognized as an important area of research and application that encourages new ways of thinking about natural and human-dominated ecosystems

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