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Autore	Whisenant Steven G (Steven Gerald), <1950->
Titolo	Repairing damaged wildlands : a process-oriented, landscape-scale approach // Steven G. Whisenant [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 1999
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Descrizione fisica	1 online resource (xii, 312 pages) : digital, PDF file(s)
Collana	Biological conservation, restoration, and sustainability ; ; 1
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Nota di contenuto	Cover; Half-title; Series-title; Title; Copyright; Contents; Preface; Acknowledgments; 1 Wildland degradation and repair; 2 Assessing damage to primary processes; 3 Repairing damaged primary processes; 4 Directing vegetation change; 5 Selecting plant materials; 6 Site preparation and seedbed management; 7 Planting; 8 Planning repair programs for wildland landscapes; Literature cited; Index
Sommario/riassunto	The interesting approach to ecological restoration described in this book will appeal to anyone interested in improving the ecological conditions, biological diversity, or productivity of damaged wildlands. Using sound ecological principles, the author describes how these ecosystems are stabilised and directed toward realistic management objectives using natural recovery processes rather than expensive

subsidies. An initial emphasis on repairing water and nutrient cycles, and increasing energy capture, will initiate and direct positive feedback repair systems that drive continuing autogenic recovery. This strategy is most appropriate where landuse goals call for low-input, sustainable vegetation managed for biological diversity, livestock production, timber production, wildlife habitat, watershed management, or ecosystem services. Providing a comprehensive strategy for the ecological restoration of any wildland ecosystem, this is an invaluable resource for professionals working in the fields of ecological restoration, conservation biology and rangeland management.
