

Contents

Part I Introduction

- 1 What Is Forest Landscape Restoration?**..... 3
David Lamb, John Stanturf, and Palle Madsen
- 2 What Can Landscape Ecology Contribute
to Forest Landscape Restoration?** 25
Thomas R. Crow
- 3 Landscape Management**..... 39
Chadwick Dearing Oliver, Kristofer Covey, Aaron Hohl,
David Larsen, James B. McCarter, Andrew Niccolai,
and Jeremy Wilson

Part II Natural Science Perspectives

- 4 Hydrologic Connectivity of Landscapes
and Implications for Forest Restoration** 69
R. Chelsea Nagy and B. Graeme Lockaby
- 5 Connecting Landscape Fragments Through Riparian Zones** 93
Gary Bentrup, Mike Dosskey, Gary Wells,
and Michele Schoeneberger
- 6 Understanding Landscapes Through Spatial Modeling**..... 111
Michael C. Wimberly, Stephen P. Boyte, and Eric J. Gustafson

Part III Social Science Perspectives

- 7 Forest Landscape Restoration Decision-Making and Conflict
Management: Applying Discourse-Based Approaches**..... 131
Jens Emborg, Gregg Walker, and Steven Daniels

8	Alternative Approaches to Urban Natural Areas Restoration: Integrating Social and Ecological Goals.....	155
	Paul H. Gobster	
9	Urban Forest Landscape Restoration – Applying Forest Development Types in Design and Planning.....	177
	J. Bo Larsen and Anders Busse Nielsen	
10	Watershed-Scale Adaptive Management: A Social Science Perspective	201
	Catherine Allan, Allan Curtis, and Bruce Shindler	
11	The Economics of Restoration	215
	Kerrie A. Wilson, Megan Lulow, Jutta Burger, and Marissa F. McBride	
12	Wild Ennerdale: A Cultural Landscape	233
	Ian Convery and Tom Dutson	
Part IV Integrated Perspectives		
13	The Role of Forest Landscape Restoration in Supporting a Transition Towards More Sustainable Coastal Development	253
	Peter R. Burbridge	
14	Broad-Scale Restoration of Landscape Function With Timber, Carbon and Water Investment	275
	R.J. Harper, K.R.J. Smettem, P.V. Townsend, J.R. Bartle, and J.F. McGrath	
15	Challenging a Paradigm: Toward Integrating Indigenous Species into Tropical Plantation Forestry	293
	Anthony S. Davis, Douglass F. Jacobs, and R. Kasten Dumroese	
16	Forest Landscape Restoration: Restoring What and for Whom?	309
	Agni Klintuni Boedhihartono and Jeffrey Sayer	
	Index.....	325