

Contents

List of contributors page viii
Preface xiii

Part I: Conceptualising landscapes as social–ecological systems 1

- 1 Connecting cultural landscapes to resilience 3
TOBIAS PLIENINGER AND CLAUDIA BIELING
- 2 Landscapes as integrating frameworks for human, environmental and policy processes 27
PAUL SELMAN
- 3 From cultural landscapes to resilient social–ecological systems: transformation of a classical paradigm or a novel approach? 49
THOMAS KIRCHHOFF, FRIDOLIN S. BRAND AND DEBORAH HOHEISEL
- 4 Conceptualising the human in cultural landscapes and resilience thinking 65
LESLEY HEAD
- 5 System or arena? Conceptual concerns around the analysis of landscape dynamics 80
MARIE STENSEKE, REGINA LINDBORG, ANNIKA DAHLBERG AND ELIN SLÄTMO
- 6 Resilience thinking versus political ecology: understanding the dynamics of small-scale, labour-intensive farming landscapes 95
MATS WIDGREN

Part II: Analysing landscape resilience 111

- 7 In search of resilient behaviour: using the driving forces framework to study cultural landscapes 113
MATTHIAS BÜRGI, FELIX KIENAST AND ANNA M. HERSPERGER

- 8 Cultural landscapes as complex adaptive systems: the cases of northern Spain and northern Argentina 126
ALEJANDRO J. RESCIA, MARÍA E. PÉREZ-CORONA, PAULA ARRIBAS-UREÑA AND JOHN W. DOVER
- 9 Linking path dependency and resilience for the analysis of landscape development 146
ANDREAS RÖHRING AND LUDGER GAILING
- 10 The sugar-cane landscape of the Caribbean islands: resilience, adaptation and transformation of the plantation social–ecological system 164
WILLIAM FOUND AND MARTA BERBÉS-BLÁZQUEZ
- 11 Offshore wind farming on Germany's North Sea coast: tracing regime shifts across scales 185
KIRA GEE AND BENJAMIN BURKHARD

Part III: Managing landscapes for resilience 203

- 12 Collective efforts to manage cultural landscapes for resilience 205
KATRIN PRAGER
- 13 Response strategy assessment: a tool for evaluating resilience for the management of social–ecological systems 224
MAGNUS TUVENDAL AND THOMAS ELMQVIST
- 14 Ecosystem services and social–ecological resilience in transhumance cultural landscapes: learning from the past, looking for a future 242
ELISA OTEROS-ROZAS, JOSÉ A. GONZÁLEZ, BERTA MARTÍN-LÓPEZ, CÉSAR A. LÓPEZ AND CARLOS MONTES
- 15 The role of homegardens in strengthening social–ecological resilience: case studies from Cuba and Austria 261
CHRISTINE VAN DER STEGE, BRIGITTE VOGL-LUKASSER AND CHRISTIAN R. VOGL
- 16 Promises and pitfalls of adaptive management in resilience thinking: the lens of political ecology 283
BETSY A. BEYMER-FARRIS, THOMAS J. BASSETT AND IAN BRYCESON

Part IV: Perspectives for resilient landscapes 301

- 17 A heterarchy of knowledge: tools for the study of landscape histories and futures 303
CAROLE L. CRUMLEY

- 18 Towards a deeper understanding of the social in resilience: the
contributions of cultural landscapes 315
ANN P. KINZIG
- 19 Resilience and cultural landscapes: opportunities, relevance and
ways ahead 328
CLAUDIA BIELING AND TOBIAS PLIENINGER

Index 343