# Contents

*List of contributors*  
*Acknowledgements*  

**INTRODUCTION**  
THE NEW PARADIGM OF EVOLUTIONARY ECONOMIC GEOGRAPHY  
1 The aims and scope of evolutionary economic geography  
*Ron Boschma and Ron Martin*  

**PART 1**  
CONCEPTUAL CHALLENGES IN EVOLUTIONARY ECONOMIC GEOGRAPHY  
2 Generalized Darwinism and evolutionary economic geography  
*Jürgen Essletzbichler and David L. Rigby*  
3 The place of path dependence in an evolutionary perspective on the economic landscape  
*Ron Martin and Peter Sunley*  
4 Complexity thinking and evolutionary economic geography  
*Ron Martin and Peter Sunley*  
5 The spatial evolution of innovation networks: a proximity perspective  
*Ron Boschma and Koen Frenken*  

**PART 2**  
FIRM DYNAMICS, INDUSTRIAL DYNAMICS AND SPATIAL CLUSTERING  
6 Entrepreneurship, evolution and geography  
*Erik Stam*  
7 Pecuniary externalities and the localized generation of technological knowledge  
*Cristiano Antonelli*  
8 The relationship between multinational firms and innovative clusters  
*Simona Iammarino and Philip McCann*  
9 Emergence of regional clusters: the role of spinoffs in the early growth process  
*Michael S. Dahl, Christian R. Østergaard and Bent Dalum*  
10 A social-evolutionary perspective on regional clusters  
*Udo Staber*  
11 Evolutionary economic geography: regional systems of innovation and high-tech clusters  
*Philip Cooke and Carla de Laurentis*
PART 3 NETWORK EVOLUTION AND GEOGRAPHY

12 Clusters, networks and economic development: an evolutionary economics perspective  
*Elisa Giuliani*  
261

13 Reputation, trust and relational centrality in local networks: an evolutionary geography perspective  
*Stefano Denicolai, Antonella Zucchella and Gabriele Cioccarelli*  
280

14 The evolution of a strategic alliance network: exploring the case of stock photography  
*Johannes Glückler*  
298

15 Complexity, networks and knowledge flow  
*Olav Sorenson, Jan W. Rivkin and Lee Fleming*  
316

16 The geography of knowledge spillovers: the role of inventors’ mobility across firms and in space  
*Stefano Breschi, Camilla Lenzi, Francesco Lissoni and Andrea Vezzulli*  
353

17 Growth, development and structural change of innovator networks: the case of Jena  
*Uwe Cantner and Holger Graf*  
370

PART 4 INSTITUTIONS, CO-EVOLUTION AND ECONOMIC GEOGRAPHY

18 An evolutionary approach to localized learning and spatial clustering  
*Anders Malmberg and Peter Maskell*  
391

19 Path dependence and path plasticity: the co-evolution of institutions and innovation – the German customized business software industry  
*Simone Strambach*  
406

20 On the notion of co-evolution in economic geography  
*Eike W. Schamp*  
432

21 Locked in decline? On the role of regional lock-ins in old industrial areas  
*Robert Hassink*  
450

PART 5 STRUCTURAL CHANGE, AGGLOMERATION EXTERNALITIES AND REGIONAL BRANCHING

22 The evolution of spatial patterns over long time-horizons: the relation with technology and economic development  
*Jan Lambooy*  
471

23 The information economy and its spatial evolution in English cities  
*James Simmie*  
487

24 An evolutionary model of firms’ location with technological externalities  
*Giulio Bottazzi and Pietro Dindo*  
508

*Index*  
529