# Contents

## Part I  The General Context of Small and Path-Dependent National Innovation Systems

1. **The Development of the Systemic Approach to Innovation**
   - Urmas Varblane and Dorel Tamm
   - Page: 3

   - Tõnu Roolaht
   - Page: 21

3. **Path Dependency Factors Affecting the Innovation Systems of Latecomer Countries: Comparison of Central and Eastern Europe, Asia, and Latin America**
   - Urmas Varblane, Kadri Ukrainski, and Oliver Lillestik
   - Page: 39

4. **Knowledge Creation in Central and Eastern Europe: The Role of Sectoral Composition**
   - J. Meriküll, R. Eamets, and U. Varblane
   - Page: 59

5. **Creativity and Learning in Innovation Processes**
   - Maaja Vadi and Harald Lepisk
   - Page: 79

## Part II  The Contingency Approach to Success in Innovation Systems

6. **Innovation Measurement Problems: An Illustrative Case of the Baltic Countries**
   - Tiitu Paas and Helen Poltimäe
   - Page: 99

7. **Innovation and Firm Performance in the Services Sector in Estonia**
   - Jaan Masso and Priit Vahter
   - Page: 121
8 Small States and Large Private Sector Investments in Infrastructure in Emerging Market Economies in Partnership with International Financial Institutions ..................... 139
Hilmar Þór Hilmarsson

9 The Capability-Related and Network-Related Causes for Innovation Failure and Success ................................................................. 159
Tiia Vissak

Part III The Innovation Capabilities in a Small and Path-Dependent Innovation System

10 Transformation of Organizational Culture and the Effects on Innovative Activities: The Case of Estonian ICT Companies ........................................................................................................... 179
Anne Reino, Triin Kask, Karin Sakowski, and Anton Neidre

11 Investigating Cultural Influences on Innovation: A Comparison of Estonian and Danish Biotechnology Organizations ............................................................................................................. 197
Krista Jaakson, Frances Jørgensen, Dorel Tamm, and Gerli Hämmal

12 Innovation Capabilities in Small Catching-Up Economies: Evidence from Food Production and Tourism Sector SMEs ................................................................................................... 215
Rebekka Vedina and Ilona Baumane

13 Links Between Foreign Direct Investment and Innovation Activities in Estonia .................................................................................. 235
Jaan Masso, Tõnu Roolaht, and Urmas Varblane

Part IV The Relationships of Human and Social Factors with Innovation

14 The Role of Human and Social Capital for Innovation in Catching-Up Economies .................................................................................. 259
Anneli Kaasa, Eve Parts, and Helje Kaldaru

15 The Effect of Innovation on Skill Upgrading in Midtransition: Microeconometric Evidence from Estonia ................................................. 277
Jaanika Meriküll

16 The Impact of Interfirm Labor Mobility on Innovation: Evidence from Job Search Portal Data ............................................................. 297
Jaan Masso, Raul Eamets, Pille Mötsmees, and Kaia Philips
Part V  The Innovation Policies in a Context of Small and Path-Dependent Country

17  Public Sector Inputs to the Innovativeness of the Country.................. 325
    Janno Reiljan, Peter Friedrich, and Ingra Paltser

18  Policy Suggestions for Integrated Public Innovation Policies in a Small Country ......................................................... 343
    Peter Friedrich, Janno Reiljan, and Ingra Paltser

19  Creating Innovation in the Education Sector: Policy Implications ................................................................. 371
    Anne Aidla, Reelika Irs, and Kulno Türk

Index ................................................................................................................................................................................. 389