Regional Innovation Systems and Sustainable Development: Emerging Technologies

Patricia Ordóñez de Pablos University of Oviedo, Spain

W. B. Lee Hong Kong Polytechnic University, Hong Kong

Jingyuan Zhao *Harbin Institute of Technology, China*



INFORMATION SCIENCE REFERENCE

Hershey · New York

Table of Contents

| Preface | xiii |
|---------|----------|
| 1101000 | |
| | |
| | |

Chapter 1

| Traceability Systems for Sustainable Development in Rural Areas 1 |
|---|
| Vicente García-Díaz, University of Oviedo, Spain |
| B. Cristina Pelayo G. Bustelo, University of Oviedo, Spain |
| Oscar Sanjuán Martínez, University of Oviedo, Spain |
| Juan Manuel Cueva Lovelle, University of Oviedo, Spain |
| Patricia Ordóñez de Pablos, University of Oviedo, Spain |
| Chapter 2 |
| R&D Centre Growth Based on Regional Innovation System9 |
| Jingyuan Zhao, Harbin Institute of Technology |
| Chapter 3 |
| The Regional Innovation Capacity Model18 |
| Antonio Lerro, University of Basilicata, Italy |
| Giovanni Schiuma, University of Basilicata, Italy |
| Chapter 4 |
| Understanding Knowledge Networks via Social Network Analysis (SNA) |
| Asleena Helmi, Swinburne University of Technology, Malaysia |
| Zainal Ariffin Ahmad, University Sains Malaysia, Malaysia |
| Daisy Kee Mui Hung, University Sains Malaysia, Malaysia |
| Chapter 5 |
| Breaking Out from Lock-In: Regional Innovation Strategies in the German Ruhrgebiet |
| Gert-Jan Hospers, University of Twente, The Netherlands & Radboud University, The Netherlands |
| Chapter 6 |
| Alliances may Explain the Significant Growth of Biotechnology Companies in the |

Tomas Gabriel Bas, University Adolfo Ibañez, Chile

| Chapter 7 | |
|---|-----------|
| Optimal Policy for Biopharmaceutical Drugs Innovation and Access in India | 7 |
| Rakhi Rashmi, University of Nice, France | v |
| Chapter 8 | |
| Embracing Emerging Technologies: The Case of the Singapore Intelligent Nation 2015 V | Vision 11 |
| Pak Tee Ng, Nanyang Technological University, Singapore | |
| Chapter 9 | |
| Dynamics in a Non-Scale R&D Endogenous Economic Growth for Chinese Developmen | nt 12 |
| Qiong He, Xiamen University, China | |
| Chapter 10 | |
| Analysis of Online Game Distribution in China's Internet Cafés | |
| Qun Ren, Bournemouth University, UK | |
| Philip Hardwick, Bournemouth University, UK | |
| Chapter 11 | |
| From Lab to Market: Issues in Industry-Academy Cooperation and Commercialisation | |
| of R&D Outputs in Nigeria | |
| A. A. Egbetokun, Obafemi Awolowo University, Nigeria | |
| W. O. Siyanbola, Obafemi Awolowo University, Nigeria | |
| A. A. Oyewale, Obafemi Awolowo University, Nigeria | |
| Chapter 12 | |
| Theoretical Approaches to the Marketing of Innovation in Biotechnology Firms: New Pr | oducts |
| for New Markets | 16 |
| Tomas Gabriel Bas, University Adolfo Ibañez, Chile | |
| Chapter 13 | |
| Strategic Regional Networks in Higher Education | 17 |
| Mauri Kantola, Turku University of Applied Sciences, Finland | |
| Juha Kettunen, Turku University of Applied Sciences, Finland | |
| Satu Helmi, Turku University of Applied Sciences, Finland | |
| Chapter 14 | |
| Innovation Policy, Competitiveness, and Growth: Towards Convergence or Divergence? | |
| Aikaterini Kokkinou, University of Glasgow, UK | ~ |
| Chapter 15 | |
| | 20 |
| Mapping the Innovation Activities in Europe George M. Korres, University of Aegean, Greece | |

. .

-

Chapter 16

ì

;

| opharma Drugs Innovation in India and Foreign Investment and Technology Transfer in the | |
|---|---|
| anged Patent Regime | 0 |
| Rakhi Rashmi, University of Nice, France | |
| | |
| | |
| mpilation of References | 6 |
| | |
| out the Contributors | 1 |
| | |
| lex | 7 |