

# Contents

## Part I Technological Developments—Civilization—Policies

- 1 **Diffusion of Innovation in Social Networking** ..... 3  
Karol I. Pelc
- 2 **The Architecture of Sustainability-oriented Enterprise  
and Civilization** ..... 15  
Andrew Targowski
- 3 **Technologization of Man and Marketization of His Activities  
and Culture of the Future** ..... 27  
Lech W. Zacher
- 4 **The Digital Agenda of the European Union and the Digital  
Policies of the USA** ..... 49  
Despina Anagnostopoulou

## Part II Some Applications

- 5 **Social Justice Through Aadhaar: An e-Policy Initiative** ..... 83  
Anurag Kumar Srivastava and Sangeeta Sharma
- 6 **Audiovisuality of the Third Degree: Reality or Fantasy?** ..... 99  
Tadeusz Miczka
- 7 **Digital Preservation of Cultural Heritage** ..... 107  
Nonja Peters, Dora Marinova, Marijke van Faassen  
and Glen Stasiuk

**Part III Impacts on Societies**

- 8 Peril and Promise of Internet Technology for Future Social Order** ..... 117  
Alina Betlej
- 9 The Citizen in the Cyberspace: Should There be Any Limits to the Freedom of Speech in the Internet?** ..... 129  
Joanna Miksa
- 10 Progress in Science and Technology Versus Threats to Civil Liberties—Selected Issues**..... 143  
Ewa Polak
- 11 Impact of ICT on the Law** ..... 157  
Małgorzata Skórzewska-Amberg
- 12 Legal and Moral Dilemmas of Targeted Killing by Drones** ..... 169  
Wojtek Lamentowicz

**Part IV Technology Evaluations and Policies**

- 13 Technology Assessment in Systems Analysis**..... 195  
Piotr Sienkiewicz and Halina Świeboda
- 14 Technology Assessment and Policy Advice in the Field of Sustainable Development**..... 203  
Armin Grunwald
- 15 Cooperation with Middle and Eastern European Countries in the Field of Technology Assessment: Results and Experiences: A Short Overview** ..... 223  
Gerhard Banse

**Part V Approaches to Sustainability—Some Examples**

- 16 Sustainability as Growth** ..... 239  
Tsvi Bisk and Piotr Bołtuć
- 17 What Can We Do Better for Sustainability in an Uncertain Future?**..... 251  
Li Xu and Talia Raphaely
- 18 Economic Prosperity and Sustainability in China: Seeking Wisdom from Confucianism and Taoism** ..... 263  
Xiumei Guo, Sandra Krempl and Dora Marinova
- 19 Threats to Sustainable Development**..... 275  
Andrzej P. Wierzbicki

|  |     |
|--|-----|
| <b>20 Sustainable Development—Sustainable Man<br/>(External and Internal Conditions for Sustainability)</b> .....                | 285 |
| Wiesław Sztumski   |     |
| <b>Part VI Sustainability—Dimensions and Issues</b>  |     |
| <b>21 Embedding Sustainable Development in Organisations<br/>Through Leadership: A Conceptual Framework</b> .....                | 297 |
| Emiliya Stoyanova  |     |
| <b>Part VII Sustainability—Practical Orientations</b>  |     |
| <b>22 Can the EU Sustainable Consumption and Production Action<br/>Plan Realize the Sustainable Development Principle?</b> ..... | 309 |
| Joanna Kielin-Maziarz  |     |
| <b>23 Implication for China’s Resource Demand on Sustainability<br/>in Australia</b> .....                                       | 323 |
| Jin Hong, Wentao Yu, Dora Marinova, Xiumei Guo<br>and Margaret Gollagher   |     |
| <b>24 Integrated and Sustainable Approaches to Address<br/>City Inundation in China</b> .....                                    | 335 |
| Baohui Zhao, Dora Marinova and Xiumei Guo  |     |
| <b>25 Nano-biotechnology for Water Sustainability: Bibliometric<br/>Analysis</b> .....   | 343 |
| Li Xu and Dora Marinova  |     |
| <b>Part VIII Sustainability and Business</b>   |     |
| <b>26 Stakeholders’ Strategic Thinking for Sustainable Development</b> ....  | 361 |
| Anna Czarczyńska   |     |
| <b>27 Generative Dynamics: What Sustains the Creation<br/>of Shared Business Value</b> .....                                     | 373 |
| Massimiliano Monaci and Mauro Magatti  |     |
| <b>28 Sustainability and the Firm: From the Global<br/>to the Corporate Ecological Footprint</b> .....                           | 397 |
| Luisa Soares and Cristina Chaves   |     |
| <b>29 Sustainability and Public Finances in the Time of Austerity</b> .....  | 425 |
| Noel Gomes   |     |
| <b>Index</b> .....   | 437 |