

Contents

Part I Ecological Economics: Alternative Perspectives

- | | | |
|----------|---|-----------|
| 1 | The Life Required. Political Economy in the Long Emergency | 3 |
| | David W. Orr | |
| 2 | How Economics Can Become Compatible with Democracy | 25 |
| | Peter Söderbaum | |
| 3 | Gaps in Mainstream Economics: Energy, Growth, and Sustainability..... | 39 |
| | Robert U. Ayres | |
| 4 | A Further Critique of Growth Economics..... | 55 |
| | Herman Daly | |
| 5 | Multidimensional Assessment of Sustainability: Harmony vs. the Turning Point | 67 |
| | Stanislav Shmelev | |
| 6 | System of Accounts for Global Entropy-Production (SAGE-P): The Accounting in the Topological Domain Space (TDS) of the Econosphere, Sociosphere, and the Ecosphere | 99 |
| | Anthony Friend | |

Part II Ecological Economics of Physical Balance: Resources, Climate Change, and Renewable Energy

- | | | |
|----------|--|------------|
| 7 | The Green Economy in Europe: In Search for a Successful Transition..... | 141 |
| | Stefan Speck and Roberto Zoboli | |
| 8 | Measuring Natural Resource Use from the Micro to the Macro Level | 161 |
| | Stefan Giljum, Stephan Lutter, and Martin Bruckner | |

| | | |
|---|---|-----|
| 9 | Regenerative Cities | 183 |
| | Herbert Girardet | |
| 10 | Multidimensional Sustainability Assessment for Megacities | 205 |
| | Stanislav Shmelev | |
| 11 | The Economics of Avoiding Dangerous Climate Change | 237 |
| | Terry Barker | |
| 12 | A Precautionary Strategy to Avoid Dangerous Climate Change is Affordable: 12 Reasons | 265 |
| | Jeroen C.J.M. van den Bergh | |
| 13 | Renewable Energy in the UK: A Slow Transition | 291 |
| | David Elliott | |
| Part III Ecological Economics of Social Change | | |
| 14 | Social Metabolism and Ecological Distribution Conflicts in India and Latin America | 311 |
| | Joan Martinez-Alier, Leah Temper, Mariana Walter, and Federico Demaria | |
| 15 | Human Values and Sustainable Development | 333 |
| | Irina A. Shmeleva | |
| 16 | Building a Sustainable and Desirable Economy-in-Society-in-Nature | 367 |
| | Robert Costanza, Gar Alperovitz, Herman Daly, Joshua Farley, Carol Franco, Tim Jackson, Ida Kubiszewski, Juliet Schor, and Peter Victor | |
| | Index | 455 |



<http://www.springer.com/978-3-319-38917-2>

Green Economy Reader

Lectures in Ecological Economics and Sustainability

Shmelev, S. (Ed.)

2017, XVIII, 463 p. 90 illus., 82 illus. in color., Hardcover

ISBN: 978-3-319-38917-2