

Contents

| | | |
|----------|---|------------|
| 1 | Economics of Land Degradation and Improvement: An Introduction and Overview | 1 |
| | Ephraim Nkonya, Alisher Mirzabaev and Joachim von Braun | |
| 2 | Concepts and Methods of Global Assessment of the Economics of Land Degradation and Improvement. | 15 |
| | Ephraim Nkonya, Joachim von Braun, Alisher Mirzabaev, Quang Bao Le, Ho-Young Kwon and Oliver Kirui | |
| 3 | Institutional Framework of (In)Action Against Land Degradation | 33 |
| | Philipp Baumgartner and Jan Cherlet | |
| 4 | Biomass Productivity-Based Mapping of Global Land Degradation Hotspots | 55 |
| | Quang Bao Le, Ephraim Nkonya and Alisher Mirzabaev | |
| 5 | Evaluating Global Land Degradation Using Ground-Based Measurements and Remote Sensing. | 85 |
| | Weston Anderson and Timothy Johnson | |
| 6 | Global Cost of Land Degradation | 117 |
| | Ephraim Nkonya, Weston Anderson, Edward Kato, Jawoo Koo, Alisher Mirzabaev, Joachim von Braun and Stefan Meyer | |
| 7 | Global Drivers of Land Degradation and Improvement | 167 |
| | Alisher Mirzabaev, Ephraim Nkonya, Jann Goedecke, Timothy Johnson and Weston Anderson | |
| 8 | Global Estimates of the Impacts of Grassland Degradation on Livestock Productivity from 2001 to 2011 | 197 |
| | Ho-Young Kwon, Ephraim Nkonya, Timothy Johnson, Valerie Graw, Edward Kato and Evelyn Kihui | |

| | | |
|-----------|--|------------|
| 9 | Economics of Land Degradation in Sub-Saharan Africa | 215 |
| | Ephraim Nkonya, Timothy Johnson, Ho Young Kwon and Edward Kato | |
| 10 | Economics of Land Degradation in Central Asia | 261 |
| | Alisher Mirzabaev, Jann Goedecke, Olena Dubovyk, Utkur Djanibekov, Quang Bao Le and Aden Aw-Hassan | |
| 11 | Economics of Land Degradation in Argentina | 291 |
| | Mariana E. Bouza, Adriana Aranda-Rickert, María Magdalena Brizuela, Marcelo G. Wilson, Maria Carolina Sasal, Silvana M.J. Sione, Stella Beghetto, Emmanuel A. Gabioud, José D. Oszust, Donaldo E. Bran, Virginia Velazco, Juan J. Gaitán, Juan C. Silenzi, Nora E. Echeverría, Martín P. De Lucia, Daniel E. Iurman, Juan I. Vanzolini, Federico J. Castoldi, Joaquin Etoarena Hormaeche, Timothy Johnson, Stefan Meyer and Ephraim Nkonya | |
| 12 | Economics of Land Degradation and Improvement in Bhutan . . . | 327 |
| | Ephraim Nkonya, Raghavan Srinivasan, Weston Anderson and Edward Kato | |
| 13 | Economics of Land Degradation in China | 385 |
| | Xiangzheng Deng and Zhihui Li | |
| 14 | Economics of Land Degradation and Improvement in Ethiopia | 401 |
| | Samuel Gebreselassie, Oliver K. Kirui and Alisher Mirzabaev | |
| 15 | Economics of Land Degradation in India | 431 |
| | Gurumurthy Mythili and Jann Goedecke | |
| 16 | Economics of Land Degradation and Improvement in Kenya . . . | 471 |
| | Wellington Mulinge, Patrick Gicheru, Festus Murithi, Peter Maingi, Evelyne Kihui, Oliver K. Kirui and Alisher Mirzabaev | |
| 17 | Economics of Land Degradation and Improvement in Niger | 499 |
| | Bokar Moussa, Ephraim Nkonya, Stefan Meyer, Edward Kato, Timothy Johnson and James Hawkins | |
| 18 | The Economics of Land Degradation in Russia | 541 |
| | Alexey Sorokin, Aleksey Bryzzhev, Anton Stokov, Alisher Mirzabaev, Timothy Johnson and Sergey V. Kiselev | |

| | | |
|-----------|---|------------|
| 19 | Cost, Drivers and Action Against Land Degradation in Senegal | 577 |
| | Samba Sow, Ephraim Nkonya, Stefan Meyer and Edward Kato | |
| 20 | Economics of Land Degradation and Improvement in Tanzania and Malawi | 609 |
| | Oliver K. Kirui | |
| 21 | Economics of Land Degradation and Improvement in Uzbekistan | 651 |
| | Aden Aw-Hassan, Vitalii Korol, Nariman Nishanov, Utkur Djanibekov, Olena Dubovyk and Alisher Mirzabaev | |
| | Index | 683 |

Economics of Land Degradation and Improvement – A
Global Assessment for Sustainable Development

Nkonya, E.; Mirzabaev, A.; von Braun, J. (Eds.)

2016, XVIII, 686 p., Hardcover

ISBN: 978-3-319-19167-6