

Contents

Introduction	1
V.C. Radeloff and G. Gutman	
Overview of Changes in Land Use and Land Cover in Eastern Europe	13
Jan Feranec, Tomas Soukup, Gregory N. Taff, Premysl Stych and Ivan Bicik	
Lighting Tracks Transition in Eastern Europe	35
C.D. Elvidge, F.-C. Hsu, K.E. Baugh and T. Ghosh	
Land Change in the Carpathian Region Before and After Major Institutional Changes	57
Catalina Munteanu, Volker Radeloff, Patrick Griffiths, Lubos Halada, Dominik Kaim, Jan Knorn, Jacek Kozak, Tobias Kuemmerle, Juraj Lieskovsky, Daniel Müller, Katarzyna Ostapowicz, Oleksandra Shandra and Premysl Stych	
Underlying Drivers and Spatial Determinants of post-Soviet Agricultural Land Abandonment in Temperate Eastern Europe	91
Alexander V. Prishchepov, Daniel Müller, Matthias Baumann, Tobias Kuemmerle, Camilo Alcantara and Volker C. Radeloff	
The Effects of Institutional Changes on Landscapes in Ukraine	119
V. Lyalko, S. Ivanov, V. Starodubtsev and J. Palamarchuk	
Forest Changes and Carbon Budgets in the Black Sea Region	149
M. Ozdogan, P. Olofsson, C.E. Woodcock and A. Baccini	
Land Management and the Impact of the 2010 Extreme Drought Event on the Agricultural and Ecological Systems of European Russia	173
Tatiana Loboda, Olga Krankina, Igor Savin, Eldar Kurbanov and Joanne Hall	

Agricultural Fires in European Russia, Belarus, and Lithuania and Their Impact on Air Quality, 2002–2012 193
Jessica L. McCarty, Alexander Krylov, Alexander V. Prishchepov,
David M. Banach, Alexandra Tyukavina, Peter Potapov
and Svetlana Turubanova

Land Change in European Russia: 1982–2011 223
Kirsten de Beurs, Grigory Ioffe, Tatyana Nefedova and Geoffrey Henebry

Erratum to: Land Change in the Carpathian Region Before and After Major Institutional Changes E1
Catalina Munteanu, Volker Radeloff, Patrick Griffiths, Lubos Halada,
Dominik Kaim, Jan Knorn, Jacek Kozak, Tobias Kuemmerle,
Juraj Lieskovsky, Daniel Müller, Katarzyna Ostapowicz,
Oleksandra Shandra and Premysl Stych

Index 243



<http://www.springer.com/978-3-319-42636-5>

Land-Cover and Land-Use Changes in Eastern Europe
after the Collapse of the Soviet Union in 1991

Gutman, G.; Radeloff, V. (Eds.)

2017, VIII, 247 p. 84 illus., 65 illus. in color., Hardcover

ISBN: 978-3-319-42636-5