

CONTENTS

Issue 1

- 1 Accounting for monogastric livestock as a driver in global land use and cover change assessments
David A. Eitelberg, Jasper Van Vliet and Peter H. Verburg
- 17 Parcelization in rural agricultural and forested landscapes in Wisconsin, 1972–2007: evaluating multiple dimensions of human decision-making over time
Timothy T. Kennedy and Howard Veregin
- 36 The Trifinio Region: a case study of transboundary forest change in Central America
Peter Schlesinger, Carlos L. Muñoz Brenes, Kelly W. Jones and Lee A. Vierling
- 55 The role of the rural settlements in the Brazilian savanna deforesting process
Marcelo Scolari Gosch, Manuel Eduardo Ferreira and Gabriel da Silva Medina
- 71 Patterns and drivers of forest land cover changes in tropical semi-deciduous forests in Ghana
Patrick Addo-Fordjour and Frank Ankomah
- 87 Exploring potential socio-ecological impacts of changes to the Loliondo Gamed Controlled Area, Northern Tanzania: the case of the pastoral village Ololosokwan
Lara Esther Bartels, Andreas Mayer and Karl-Heinz Erb

Issues 2–3

- 105 Growth in urban extent and allometric analysis of West African cities
Pradeep Adhikari and Kirsten M. de Beurs
- 125 A confirmation of the indirect impact of sugarcane on deforestation in the Amazon
Tomas Jusys
- 138 Improving land use inference by factorizing mobile phone call activity matrix
Huina Mao, Yong-Yeol Ahn, Budhendra Bhaduri and Gautam Thakur
- 154 An integrated ecosystem service assessment in an artificial desert oasis of northwestern China
Youjia Liang and Lijun Liu
- 168 How dynamics and drivers of land use/land cover change impact elephant conservation and agricultural livelihood development in Rombo, Tanzania
Naza Emmanuel Mmbaga, Linus Kasian Munishi and Anna Christina Treydte
- 182 Land use and land cover in a transitioning militarized landscape
Cerian Gibbes, David G. Havlick and Joseph R. Robb