

CONTENTS

Issue 4

- 369 Is aridity restricting deforestation and land uses in the South American Dry Chaco?
Javier Houspanossian, Raúl Giménez, Germán Baldi and Marcelo Nosetto
- 384 The utility of earth observation technologies in understanding impacts of land reform in the eastern region of Zimbabwe
Mbulisi Sibanda, Timothy Dube, Tariro Mubango and Cletah Shoko
- 401 Community-scale analysis of the farmland abandonment occurrence process in the mountain region of Ladakh, India
Takayoshi Yamaguchi, Sonam Ngodup, Mitsuhiro Nose and Shinya Takeda
- 417 Translating land-use science to a museum exhibit
Javier A. Arce-Nazario
- 429 Landscape network congruency at the ecoregion scale: can we expect corridor ‘umbrellas’?
Ryan M. Perkl, Robert F. Baldwin, Stephen C. Trombulak and Garrett R. Smith
- 450 Using the land transformation model to forecast vacant land
Galen Newman, Jaekyung Lee and Phil Berke
- 476 Modeled historical land use and land cover for the conterminous United States
Terry Sohl, Ryan Reker, Michelle Bouchard, Kristi Sayler, Jordan Dornbierer, Steve Wika, Rob Quenzer and Aaron Friesz

Issue 5

Special issue: Research Frontiers in Land Use Science

- 501 Approaches and terminology for causal analysis in land systems science
Patrick Meyfroidt

Review

- 523 Impacts of the deforestation driven by agribusiness on urban population and economic activity in the Dry Chaco of Argentina
Laura Valeria Sacchi and Nestor Ignacio Gasparri

Articles

- 538 Land cover and land use changes in a Brazilian Cerrado landscape: drivers, processes, and patterns
Andrea Santos Garcia and Maria Victoria Ramos Ballester
- 560 Analysing household decision-making on oil palm cultivation in Thailand
Pairote Nualnoom, Walter Wehrmeyer and Stephen Morse
- 579 Land-use choices: the case of conservation reserve program (CRP) re-enrollment in Kansas, USA
Marcellus M. Caldas, Jason S. Bergtold, Jeffrey M. Peterson and Dietrich H. Earnhart
- 595 Land-use planning via enhanced multi-objective evolutionary algorithms: optimizing the land value of major Greenfield initiatives
Spiros M. Karakostas

Issue 6

Special issue: Research Frontiers in Land Use Science

Editorial

- 619 Research frontiers in land use science
Daniel Müller

Special Issue Articles

- 623 Remote sensing technology and land use analysis in food security assessment
Molly E Brown
- 642 Evolving human landscapes: a virtual laboratory approach
Nicholas R. Magliocca and Erle C. Ellis
- 672 The impacts of warfare and armed conflict on land systems
Matthias Baumann and Tobias Kuemmerle
- 689 Land system architecture for urban sustainability: new directions for land system science illustrated by application to the urban heat island problem
B. L. Turner II
- 698 Climate change and urban land systems: bridging the gaps between urbanism and land science
Eleanor C. Stokes and Karen C. Seto
- 709 A review on historical trajectories and spatially explicit scenarios of land-use and land-cover changes in China
Xiangzheng Deng and Zhihui Li