

# Journal of LAND USE SCIENCE

## Contents

Volume 7, Issue 1, March 2012

Articles	
The benefits of considering land cover seasonality in multi-spectral image classification Michael Heini and Ulrike Tappeiner	1
Opportunities for expanding paddy rice production in Laos: spatial predictive modeling using Random Forest Alice G. Laborte, Aileen A. Maunahan and Robert J. Hijmans	21
Land cover attributes and their utility within land cover mapping: a practical example Elizabeth Farmer, Tim R. Brewer and Christophe A.D. Sannier	35
Forest transition pathways in Asia – studies from Nepal, India, Thailand, and Cambodia Jane Southworth, Harini Nagendra and Lin Cassidy	51
Quantifying demand for built-up area – a comparison of approaches and application to regions with stagnating population Jana Hoymann	67
Formalized interpretation of compound land use objects – Mapping historical summer farms from a single satellite image Ola Ahlqvist, Anders Waˆstfelt and Michael Nielsen	89
Soil quality under different land uses in a subarctic environment in Alaska Mingchu Zhang, Stephen D. Sparrow, Bob Van Veldhuizen and Darleen T. Masiak	109
Corrigendum	123