Classifying Urban and Agricultural Land-Use Patterns Using Earth Observation Data

Guest Editors:

Prof. Dr. Szilárd Szabó
Department of Physical Geography, Faculty of Science and Technology, University of Debrecen, 4032 Debrecen, Hungary

Dr. László Bertalan
Department of Physical Geography and Geoinformatics, University of Debrecen, Debrecen, H-4032 Egyetem tér 1, Hungary

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Message from the Guest Editors

Dear Colleagues,

Urban and agricultural areas are important scenes of life; therefore, a better understanding of underlying processes is crucial for the future. Beyond the realization of trends in urban sprawl and intensive agriculture, the pattern of different land use/land cover type is also an important feature which has received less attention. Remote sensing, with its various platforms, represents an efficient basis for data collection. Thus, the interpretation of land use from ecological and landscape ecological perspectives is important, and revealing the positive and/or negative processes can provide guidance for decision makers, agricultural practitioners and urban planners. We encourage authors to apply methods and approaches from different disciplines.

The topics of interest for this Special Issue include, but are not limited to:

- Relations of urban development and pattern;
- Pattern of extensive and intensive agriculture;
- Role of water and/or topography in landscape pattern;
- Nature conservation issues related to urban sprawl and agriculture;
- Scale dependence and minimum mapping unit in pattern-based landscape analysis.

Special Issue

Editor-in-Chief

Prof. Dr. Christine Fürst
Institute for Geosciences and
Geography, Department
Sustainable Landscape
Development, University of Halle,
Von-Seckendorff-Platz 4, 06120
Halle, Germany

Message from the Editor-in-Chief

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