Land Use Scenario Dynamics (LUSD) Model

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Information:

Prof. Chunyang He developed the LUSD model. Xinhao Pan and Dr. Zhifeng Liu were responsible for the software development.

Citations:

1. 何春阳，史培军，陈晋，李晓兵，潘耀忠，李京，李月臣，李景刚. 2005，基于系统动力学模型和元胞自动机模型的土地利用情景模拟研究，中国科学，(D辑)，35(5)：.464-473. 英文版：Chunyang He, Peijun Shi, Jin Chen, Xiaobing LiYaozhong Pan, Jing Li, Yuechen Li & Jinggang Li. 2005, Developing land use scenario dynamics model by the integration of system dynamics model and cellular automata model. Science in China. Series D, 48(11), 1979-1989.
2. Chunyang He, Norio Okada, Qiaofeng Zhang Peijun Shi, Jingshui Zhang. 2006, Modeling urban expansion scenarios by coupling cellular automata model and system dynamic model in Beijing, China. Applied Geography, 26, 323-345.

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