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.）
   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.

The Urban Growth Boundary module was developed according to: Xun Liang, Xiaoping Liu, Xia Li, Yimin Chen, He Tian, Yao Yao. 2018, Delineating multi-scenario urban growth boundaries with a CA-based FLUS model and morphological method. Landscape and Urban Planning,177,47-63.

If you have any ideas, suggestions, comments, criticisms or questions, please contact Xinhao Pan by the following e-mail address: LUSD2020@163.com

用户手册可在下面的链接下载，该链接可以为 GeoSOS-FLUS 用户提供如何使用该软件的快速入门。本教程提供了所有必需的数据和文件，可以用作以后格式化您自己的文件的模板。

通过下面的链接，您可以下载模型和《土地利用情景变化动力学（Land Use Scenario Dynamics，LUSD）模型（v1.0）用户手册》。用户手册快速可以教您如何使用该模型。本网站也提供了用户手册中使用到的数据。您如果要使用自己的数据，可以以此数据为模板。