Introduction to Spatial Agent-Based Modeling

Time of Event:
Monday, June 11, 2018 - 09:00 to Friday, June 15, 2018 - 17:00

This is a closed meeting for a funded group of visiting scholars.

This 5-day short course will serve as an introduction to the theory and practice of spatially-explicit agent-based modeling (ABM). You will learn the essential theoretical background and technical expertise needed to conceptualize, build, and analyze your first ABM. This course will guide you through the basic phases of the ABM research process: formulating a research question, specifying a model, creating a simulation and interpreting the output. The course combines lectures with hands-on model-building sessions where you will build a model using NetLogo to acquire basic and intermediate programming skills. More advanced students are welcome to build a model in a programming language of their choice. This will be an intensive, week-long immersion in ABM concepts and methods with reading and short writing assignments each day, and a ‘final project’ consisting of a simple model and standardized documentation to be published in the OpenABM (www.openabm.org [1]) repository.

To learn more about this Short Course, click here [2].

Event type:
Short Course/Workshop

Event Attendance:
Private Working Group

Source URL:

Links