

Technology's description

GAMA is a modeling and simulation development environment for building spatially explicit agent-based simulations.

- **Multiple application domains:** use GAMA for whatever application domain you want.
- **High-level and Intuitive Agent-based language:** write your models easily using GAML, a high-level and intuitive agent-based language.
- **GIS and Data-Driven models:** instantiate agents from any dataset, including GIS data, and execute large-scale simulations (up to millions of agents).
- **Declarative user interface:** declare interfaces supporting deep inspections on agents, user-controlled action panels, multi-layer 2D/3D displays & agent aspects.

Its latest version, 1.7 comes pre-loaded with several models, tutorials and a complete on-line documentation.

Advantages

- Easy to use
- Efficient
- Visual
- Adaptable

Intellectual property

Software

Development level

System complete and qualified



Applications

- Modeling - Simulation

Technology transfer

- License