

ACM SIGSPATIAL 2018

International Workshop on Geospatial Simulation

November 06, 2018

Seattle, Washington, USA

The GeoSim'18 workshop focuses on all aspects of simulation as a general paradigm to model and predict spatial systems and generate spatial data. New simulation methodologies and frameworks, not necessarily coming from the SIGSPATIAL community, are encouraged to participate. Also, this workshop is of interest to everyone who works with spatial data. The simulation methods that will be presented and discussed in the workshop should find a wide application across the community by producing benchmark datasets that can be parameterized and scaled. Simulated data sets will be made available to the community via the website.

The workshop seeks high-quality full (8 pages) and short (4 pages) papers that will be peer-reviewed. Once accepted, at least one author is required to register for the workshop and the ACM SIGSPATIAL conference, as well as attend the workshop to present the accepted work which will then appear in the ACM Digital Library.

Example topics include, but not limited to:

- Applications for Spatial Simulation
- Agent Based Models for Spatial Simulation
- Multi-Agent based Spatial Simulation
- Big Spatial Data Simulation
- Spatial Data/Trajectory Generators
- Road Traffic Simulation
- Environmental Simulation
- Geoinformation Systems using Spatial Simulation
- Interactive Spatial Simulation
- Spatial Simulation Parallelization and Distribution
- Geo-Social Simulation and Data Generators
- Social Unrest and Riot Prediction using Simulation
- Spatial Analysis based on Simulation
- Behavioral Simulation
- Verifying, and Validating Spatial Simulations
- Urban Simulation

Organization committee

General Chairs

Andrew Crooks
Paul M. Torrens
Andreas Züfle

Program Chairs

Hamdi Kavak
Joon-Seok Kim
Umar Manzoor

Program committee

Thomas Brinkhoff	Dinesh Manocha
Suzana Dragicevic	Nick Malleson
Erika Frydenlund	Jose Padilla
Philippe Giabbanelli	Dieter Pfoser
Christopher Lynch	Carola Wenk

Workshop information

Submission deadline

August 20, 2018

Notification

September 20, 2018

Workshop date

November 06, 2018

Workshop website

<http://www.geosim.org>

Submission site

<https://easychair.org/conferences/?conf=geosim18>



The GeoSim'18 Workshop will be held in conjunction with the ACM SIGSPATIAL 2018 conference. Visit <http://sigspatial2018.sigspatial.org> to get more information the conference.

