

## **URBAN GEOGRAPHY AND COMPLEXITY**

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### **Abstract**

The contemporary approach of complex systems raises common questions that could be handled by a transdisciplinary theory. We demonstrate how the main concepts of urban geography could be integrated in such a theory of complexity. We illustrate the complexity approach by a short presentation of the SIMPOP model that uses a multi-agents formalism for the simulation of the evolutionary properties of systems of cities.

**Key words:** system of cities, urban geography, complex system, complexity