

Abstract

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Cell Based Modeling Spatial Analysis Training in Suitability Analysis ArcGIS

Track: State and Local Government

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This is a custom training class in Advanced Spatial Modeling and Analysis and is presented within the context of suitability for development planning to minimize sprawl. It considers the multi-jurisdictional aspects of regional planning. This model provides a methodology and a tool for compiling data and applying the values of all of the stakeholders and focuses on Ian McHarg's work in Regional Planning the 4 papers' topics cover: What is a Model, Regional Planning and Overlay Analysis, Cartographic Modeling, Visualization, Map Algebra, Data Preparation and Management, Validating the Model, Preparation for ArcGIS ModelBuilder. Software utilized includes ArcMap, ArcView Spatial Analyst, ArgGIS 3D Analyst, Visio.

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