



## ABSTRACTS

### 9. Silvia Chiorean, Dumitru Onose, Maricel Palamariu, Tudor Salagean: *THE USE OF GIS IN ORDER TO IMPROVE THE REAL ESTATE VALUATION*

*Geographic information systems (GIS) are made up of a set of specific tools and methods that allow the visualization and analysis of a multitude of data ranging from social data to economic data and empirical data.*

*This article proposes the application and integration of two powerful analytical tools - modeling assessment and geographic information systems (GIS) - and how their use and integration could improve the assessment process in an easily accessible data environment.*

*Data subjects, data standards, education, GIS and evaluation modeling are all explored from the perspective of best practice in the evaluation process and in order to empower assessment professionals to capitalize on their skills set and respond to the needs of a changing market. Thus, a valuer using both GIS and modeling statistical evaluation, can use these tools to help explain the data and evaluate how accurate and faster.*

*Locating a real estate is the most basic GIS application in the evaluation process. Moreover, GIS can be used effectively in the evaluation process to manage large data sets, which can also be used in statistical modeling.*

*Evaluating large sets of data has defined statistical methods, which are credible tools in the evaluation process, and the integration of statistical modeling tools into a GIS-based environment can lead to a practical and useful GIS for all evaluators.*

#### Organisers



Technical University of Civil Engineering Bucharest  
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