

Interactive comment on “Urbanization susceptibility maps: a dynamic spatial decision support system for sustainable land use” by M. Cerreta and P. De Toro

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The paper presents a new methodology that integrates a Dynamic Spatial Decision Support System supported by a GIS with a Multicriteria Analytic Hierarchy Process, with the aim to obtain a necessary tool to address key issues related to land consumption.

This approach, named ISA (Integrated Spatial Assessment), is tested in a case study; are shown and discussed the resulting Urbanization susceptibility maps obtained.

The methodology presented is very interesting. The integration of spatial analysis processes with the multi-criteria analysis combining GIS functions and AHP models,
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provides tools strategically crucial for land use monitorin and land consumption. This reviewer considers that it necessary in the future to thest this hybrid method for geographical areas of different scale and complexity in terms of layers of information considered.

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