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Spatial multicriteria decision support for robust land-use suitability:  
The case of landfill site selection in Northeastern Greece

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**Highlights**

- The UTASTAR method is applied for the first time in land-use suitability analyses.
- The Spatial UTASTAR is applied to identify areas for placing a Municipal Solid Waste landfill.
- The Stochastic Multiobjective Acceptability Analysis is applied to aid decision making process.

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