

# Decision Aid for Sustainable Industrial Siting

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**Abstract** — For sustainable industrial development, the need of the hour is judicious, reasonable and planned use of the finite resources of land, according to the natural environmental properties. To cater to this need, we are using geographic information systems and spatial decision support systems techniques to help proper siting of newly planned industries and industrial estates. This software tool is especially meaningful in developing and transition economy countries, where the process of sustainable industrialization is still in its initial stage. The authentic spatial decision making algorithm, as well as underlying software architecture will be presented in detail in this paper.

**Keywords** — *Decision Support Systems, Geographic Information System, Spatial Decision Making, Multicriteria Decision Making, Sustainable Development*

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