



Effectiveness of Fuzzy Logic for Multi Criteria Spatial Modeling

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Study case: Suitability Habitat of Asian elephant | GIS and remote sensing are geospatial technologies that have been used for many years in environmental studies, including gathering and analysing of information on the physical parameters of wildlife habitats. This book focuses on research in approaches for incorporating explicit handling of uncertainty, especially by fuzzy sets in order to develop suitability habitat of Asian elephant in GIS environment. The utilization distribution enables identification of significant elephant habitat parameters and prioritization of its criterion. This book is intended for the wildlife management and GIS community especially in MCE approaches where the fuzzy logic model is a generation and not a replacement for the better-known conceptual set theory of Boolean logic. The fusion of fuzzy logic within the GIS environment provides comprehensive facilities in Weighted Linear Combination procedure and improves the reliability of MCE output particularly on suitability evaluation. | Format: Paperback | Language/Sprache: english | 68 pp.



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