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Landscape Analysis and Visualisation

Spatial Models for Natural Resource Management and Planning

This book showcases a wide range of innovative landscape analysis and visualization techniques as used in a number of applied natural resource management and central planning problems. It includes papers ranging from a number of areas including: (I) natural resource knowledge management, (II) ecological modelling, (III) landscape visualization, (IV) NRM policy and investment, (V) land use change and scenario modelling, (VI) farm to catchment tools, and (VII) social, economic, environmental indicators and landscapes. It aims to provide readers with a better understanding of available frameworks spatial models and tools currently applied when addressing critical land use issues such as urban sprawl, climate change, salinity, biodiverstiy, and changing landscapes, from both the socio-economic and the biophysical angle.

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