

# Digital Terrain Modeling: Principles and Methodology

By Zhilin Li, Christopher Zhu, Chris Gold



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Written by experts, **Digital Terrain Modeling: Principles and Methodology** provides comprehensive coverage of recent developments in the field. The topics include terrain analysis, sampling strategy, acquisition methodology, surface modeling principles, triangulation algorithms, interpolation techniques, on-line and off-line quality control in data acquisition, DTM accuracy assessment and mathematical models for DTM accuracy prediction, multi-scale representation, data management, contouring, visual analysis (or visualization), the derivation of various types of terrain parameters, and future development and applications.



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