



Mapping Geomorphological Environments

Kosmas Pavlopoulos, Niki Evelpidou, Andreas Vassilopoulos

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Mapping Geomorphological Environments is a highly descriptive textbook providing an excellent introduction to the latest methodologies for mapping geomorphological formations in a variety of different environments.

Its holistic approach seeks to provide a meaningful linkage between state of the art techniques for geomorphological mapping, including the latest innovations in geospatial applications, and advances in the understanding of the formation of geomorphological phenomena in a variety of settings and environments.

The book includes: - An introduction to the processes which form geomorphological formations and how to map them. - Case studies from a variety of environments with many examples of geomorphological maps. - In-depth descriptions of the latest tools and methodologies such as field sampling, GPS usage, 3–4D mapping, GIS analysis, digital image analysis, etc. - A list of the geomorphological characteristics per environment (e.g. coastal, fluvial, etc.) in the format of a geomorphological encyclopaedia, with pictures, maps and symbols.

It covers the entire workflow ranging from data collection, analysis, interpretation, and mapping.

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