



ergodicity and form in geomorphology

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In geoscience studies, one of the main problems facing geomorphologists is access to analysis outcomes that are interpretable within the framework of landforms and ergodic geomorphological processes. This problem is impossible to tackle without some previous fieldwork and direct observations, especially with regard to small-scale phenomena.

Although remote sensing and image processing can, to some extent, help toward solving this problem, these images are not as easy to access as topography maps.

This paper is based on the implementation of a research project, and sets out to explain a method by which ergodic geomorphic processes are interpreted by studying and analyzing the forms of contour lines in topographic maps