



modeling and ergodicity

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When designing a model , the point worth considering is that it is within a theoretical framework derived from our own impression of the exaternal world that we envaluate a given phenomenon. Although efforts have been made to judge the accuracy and efficiency of a model by its correspondence to experimental reality, yet we must not ignore the fact that many existing models are purly conceptual in nature n that they are not realizable in the outside world

The results obtained from this paper , which is founded on a research project conducted at isfahan University ,show that we can, on the basis of theoretical views prevailing in ergodic geomorphology (such as the Divisian ,the catastrophistic and the systemic paradigms), come up with specific models and interpret each in unequivocal terms. In other words, the current situation in geomorphology is that models are primarily a function of the particular epistemological and theoretical stance adopted by a researcher in evaluating a phenomena, and only secondarily a means whereby facts are accounted for.