

Reclamation is a remedial practice carried out on the mining-based disturbed watersheds, for sustainable environmental conditions. Typically, the objective of the reclamation is to bring the disturbed watersheds back to the level of the natural watersheds in terms of the watershed ecological functions. Modeling practices and comparative hydrological assessment of the reclaimed (reconstructed) watersheds with reference to natural watersheds are sparse in the literature. This book presents a case study of an experimental reconstructed watershed and a boreal forest watershed to address the modeling and comparative analysis on reconstructed watersheds. This study is useful in the decision making where the hydrological performance of the reconstructed watersheds is vital. The study presented in this book is helpful to mining industries, hydrological researchers and stake holders who are interested in hydrology of reconstructed and natural watersheds.



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Hydrology of Reclaimed and Natural Sites



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Hydrology of Reconstructed and Natural Watersheds

Modeling Based Comparative Analysis
of Hydrological Performance