

Geostatistical Methods for Site Characterization

The recent development and successful applications of covariance-related stochastic methods to groundwater field experiments suggests that further efforts in developing spatial characterization and pattern recognition methods are warranted. This research addresses the issue of characterizing geological formations with multimodal distributions, such as fractured rock masses, dolomite rocks with dissolution channels and sand-shale formations. Traditionally used methods may not be enough to fully characterize spatial continuity in such formations. The research involves investigation of nuclear repository sites in the USA and Sweden.



[Modeling of Solute Transport in Porous Media](#)

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