



Inverse sequential simulation

J. Jaime Gómez-Hernández and Teng Xu

Universitat Politècnica de València, Research Institute of Water and Environmental Engineering, Valencia, Spain
(jgomez@upv.es)

Coupling sequential simulation, ensemble Kalman filtering and normal-score transformations, a new algorithm for the stochastic conditional simulation of non-Gaussian logconductivity fields in the context of inverse modeling has been developed. The algorithm will be demonstrated, and those aspects that need improving will be discussed.