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Heterogeneous Aquifer Modeling: Closing the Gap

Guest Editor:

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Deadline for manuscript submissions:

closed (3 December 2018)

Message from the Guest Editor

Dear Colleagues,

Aquifer heterogeneity has been a major topic of research in the last few decades, with many theoretical analyses on how to characterize it, about its impact on flow and transport modeling, on its impact in prediction uncertainty, or on how to use inverse approaches to improve heterogeneous models; however, there is still a large gap between theoretical findings and practical applications. This Special Issue seeks papers proposing or demonstrating readily-applicable approaches to treat heterogeneity in real practice. Successful case studies proving the importance of taking heterogeneity into account are welcome.

- stochastic groundwater modeling
- geostatistics
- inverse modeling
- uncertainty
- spatial variability
- upscaling
- groundwater flow and mass transport modeling



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Special Issue



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Message from the Editor-in-Chief

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