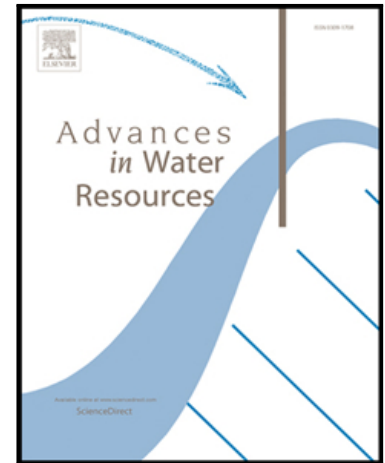


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Space-time modeling of soil moisture

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Highlights

- Spatial soil moisture data is represented by a mathematical model at a wide range of scales
- A jitter process is used to represent fluctuations in local conditions which impact spatial correlations of soil moisture
- Rainfall and local characteristics drive representation of soil moisture process

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