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A New Moving Strategy for the Sequential Monte Carlo Approach in Optimizing the Hydrological Model Parameters

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Hightlights

- A new SMC sampler incorporating the genetic, evaluation and Metropolis-Hasting algorithms into the framework of SMC was developed
- The new SMC sampler is well suited to handle unknown static parameters of hydrologic models
- The new SMC sampler has good abilities in mixing and maintaining particle diversity

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