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Unified theory for stochastic modelling of hydroclimatic processes: Preserving marginal distributions, correlation structures, and intermittency

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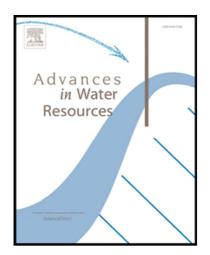
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- 1 Highlight:
- Stochastic modelling reproducing any marginal distribution and linear correlation
- Applicable in univariate, cyclostationary and multivariate cases
- Precise modelling of precipitation, river discharge, wind, etc. at any time scale
- 5 Parametric correlation transformation functions unify and simplify the scheme
- Empirical correlation representation through parsimonious parametric functions
- 7

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