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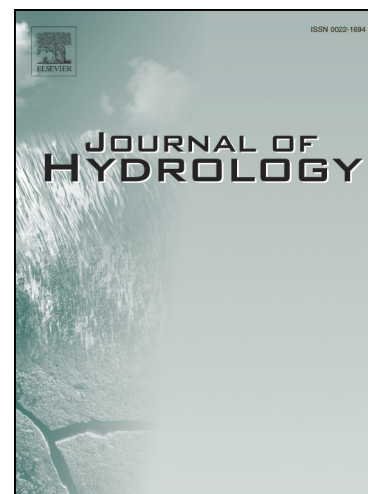
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A multivariate approach for statistical assessments of compound extremes

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Key points:

- Propose a statistical approach for modeling multiple extreme indices
- Estimate the joint severity of compound extreme
- Evaluate the impact of precipitation and temperature on agricultural drought

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