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DESIGN AND DEVELOPMENT OF BIO-INSPIRED FRAMEWORK
FOR RESERVOIR OPERATION OPTIMIZATION

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Highlights

- Bio-inspired framework is developed for reservoir release optimization, where the optimization problem is formulated as both single-objective and multiobjective.
- Bio-inspired algorithm is high-performing and reliable when compared to statistical optimization technique.
- Rule curves clearly depict the release patterns and serve as a guideline for optimal reservoir operations.
- Further studies include the significance of climate change on reservoir operations optimization.

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