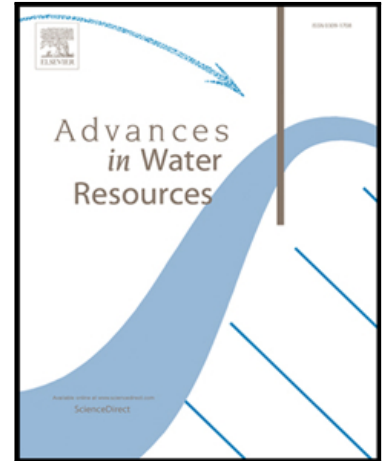


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Integrated Modeling Approach for Optimal Management of Water,
Energy and Food Security Nexus

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Highlights:

- An integrated model analysis framework and tool called WEFO.
- Multi-period socioeconomic model for water-energy-food nexus.
- Interactions among water, energy, and food are simultaneously addressed.
- Tradeoffs among economic objectives, resource constraints and environmental impacts.

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