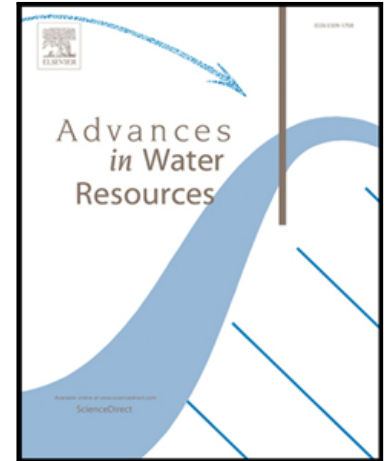


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Seasonal Dynamics of Snail Populations in Coastal Kenya: Model Calibration and Snail Control

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2 **Highlights**

- 3 • Snail population biology in seasonal habitats is driven by rainfall and food resource
- 4 • Field data shows significant time lags between “peak rainfall” and “peak snail” numbers
- 5 • Resource-limited snail population models can explain such patterns and fit the data
- 6 • Two proposed models emphasize different components of snail biology and environment
- 7 • Model analysis yields optimal seasonal timing of snail population control

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