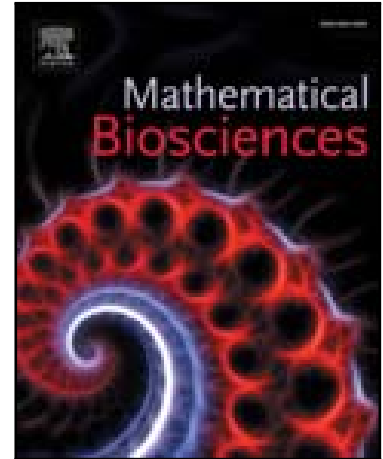


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Assessing three fish species ecological status in Colorado River, Grand Canyon based on physical habitat and population models

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Highlights

- A habitat and population model system is developed and for evaluate the 3 types of fish spices.
- The Colorado River is suitable for Rainbow trout and Flannelmouth Sucker to living while not very suitable for Brown trout to living.
- A nonnative fish control module was considered in the model for these 3 fish species.
- The nonnative fish population number and density map were drawn.

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