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## Effect of riparian land use on environmental conditions and riparian vegetation in the east African highland streams

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### Highlights

- We investigated the effect of riparian buffer zone deforestation on highland tropical streams.
- Stream status was assessed based on riparian index, water quality and plant metrics.
- Riparian and floristic quality index score were higher in forest site than agricultural site.
- Riparian vegetation index has relation with water quality in tropical African streams.

*Abstract*

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