

Applied Stream Ecology

Research Topics

- Effects of stress on stream ecosystem processes
- Effects of land use on streams
- Effects of mining on streams
- Functional role of biodiversity
- Decomposition of organic matter in streams
- Aquatic fungi in stressed systems



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Keywords

- streams; nutrients; stress; mine drainage; climate change; fungi; ecosystem processes; decomposition

Significant Achievements and Publications

- H-index of 21.
- Niyogi et al. 2007. Stream community structure along a catchment land-use gradient: subsidy-stress responses to pastoral development. *Environ Manage.* 39:213-225. .
- Niyogi et al. 2009. Litter breakdown and fungal diversity in a stream affected by mine drainage. *Fundamental and Applied Limnology.* 175:39-48.