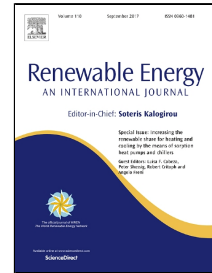


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Accounting for GHG net reservoir emissions of Hydropower in Ecuador

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Highlights

- We fill the gap of so far missing LCA studies which fully determine hydropower net life cycle emissions.
- In contrast to others, we present a LCA scheme that considers all possible sources of GHG emissions.
- The analysis was performed in Ecuador with two different hydropower schemes.
- Hydropower run-of-river scheme by far has better environmental performance than dam scheme.
- The main GHG emissions difference between the two hydropower schemes is due to the reservoir.

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