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Improving the ecohydrological and economic efficiency of Small Hydropower Plants with water diversion

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1 **Highlights**

- 2 • The efficiency of dynamic environmental flows is tested for small hy-
3 dropower
- 4 • Pareto frontier in the global efficiency plot is composed by non-proportional
5 rules
- 6 • Significant economic and ecological gains are obtained compared to
7 other policies
- 8 • Non-proportional redistribution is a sustainable water management so-
9 lution
- 10 • We recommend dynamic water allocation rules to cope with climate
11 changes

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