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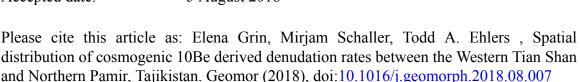
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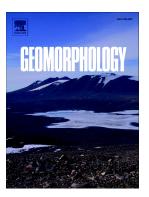
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## ACCEPTED MANUSCRIPT

# Spatial Distribution of Cosmogenic <sup>10</sup>Be Derived Denudation Rates Between the Western Tian Shan and Northern Pamir, Tajikistan

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### **Highlights:**

- Cosmogenic nuclide concentrations constrain regional variations in denudation.
- Modern river samples document lateral denudation gradients along active faults.
- Denudation rate patterns are poorly correlated with precipitation.
- River terrace formation and incision occurred in the late Holocene.

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