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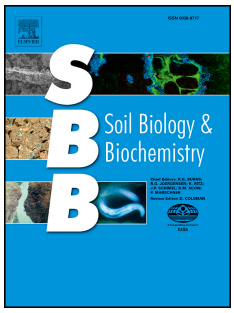

Depth dependence of soil carbon temperature sensitivity across Tibetan permafrost regions

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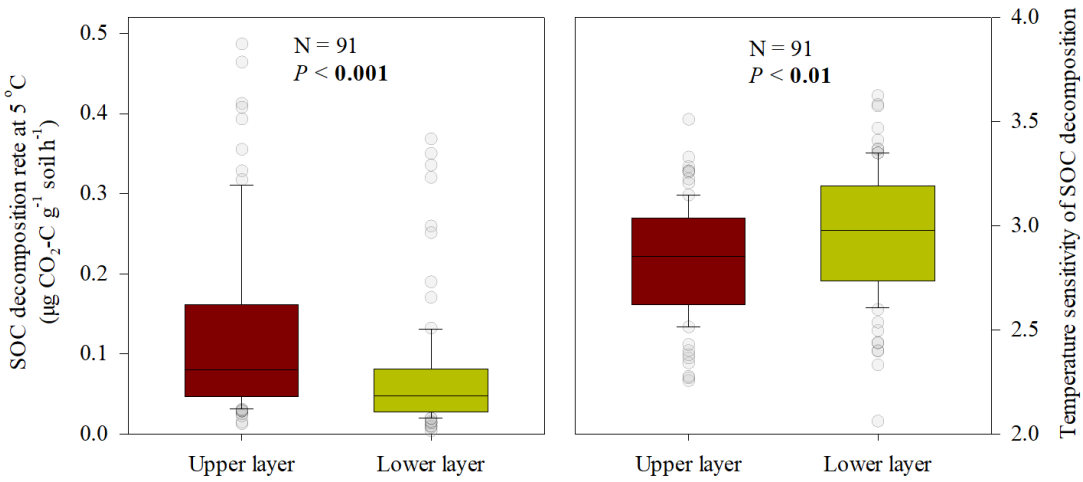

The SOC decomposition rate in the upper layer (0–10 cm) was significantly higher than in the lower layer (20–30 cm), while the temperature sensitivity of SOC decomposition in the upper layer was significantly lower than in the lower layer based on 91 unique sites across the Tibetan permafrost regions.

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