

## Soil respiration in deciduous forests with different disturbance history

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Soil respiration is an important pathway of the carbon cycle in forest ecosystems. Topsoil stripping (thereinafter, TSS) is a promising practice for weed control for sapling growth. However, few studies clarified effects of TSS on soil respiration. We monitored soil respiration in naturally-regenerating forests after windthrown disturbance having different management history, including the topsoil-intact site and the topsoil-removed site. We evaluated effects of topsoil on the soil respiration.

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