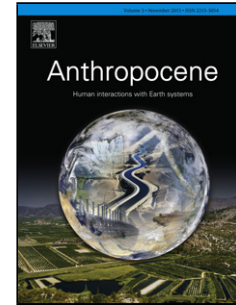


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Critical Transition in Critical Zone of Intensively Managed Landscapes

Highlights

1. Industrial agriculture has resulted in critical transition in landscape functioning.
2. Landscape has been converted from transformation- to transport-dominated system.
3. Human impacts have altered the rates of reaction and transport across the landscape.
4. Emergent dynamics is restructuring the landscape heterogeneity.

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