4-D Modeling of the Regional Carbon Cycle in & Around Urban Environments: An Interdisciplinary Study to Advance Observational & Modeling Foundations

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LCLUC Dynamics from Landsat Time Series

Modeling Carbon Dynamics of LCLUC

Graphs and images illustrating land cover change, carbon dynamics, and land use changes over time.
Temporal Coherence between Vertical Column & Surface CO₂

XCO₂ (ppm, column mean)

1am 6am 11am 4 pm