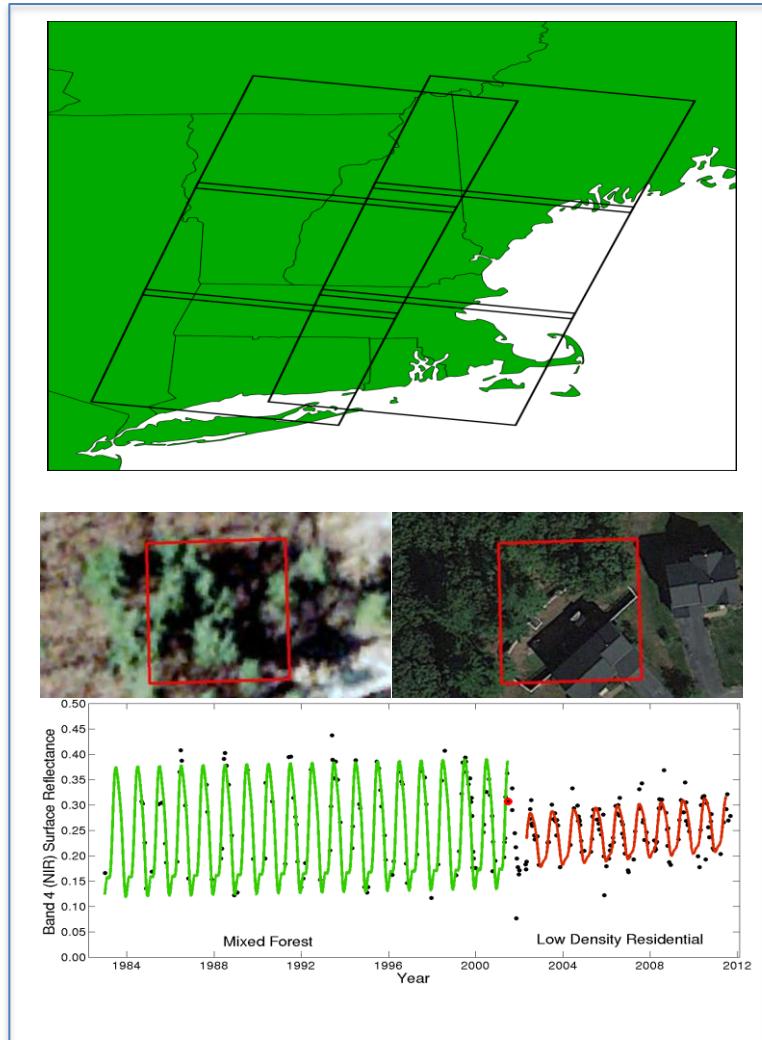


# ***4-D Modeling of the Regional Carbon Cycle in & Around Urban Environments: An Interdisciplinary Study to Advance Observational & Modeling Foundations***

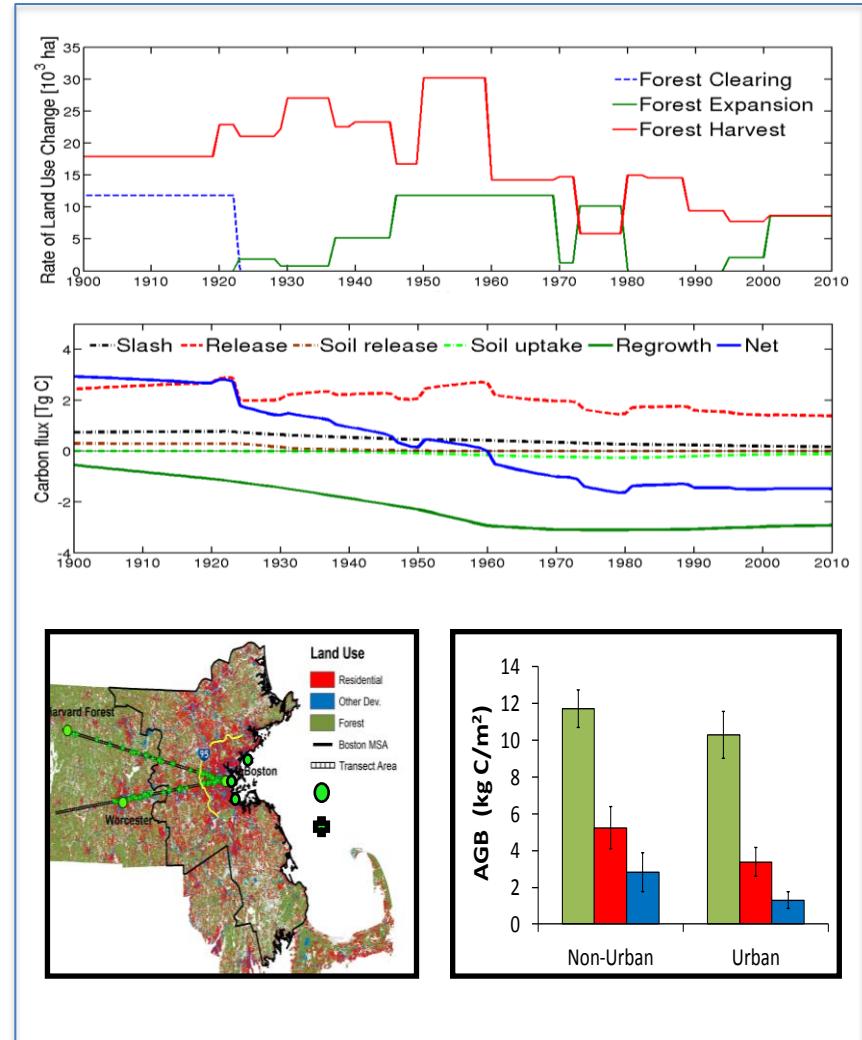
*Mark Friedl<sup>1</sup>, Lucy Hutyra<sup>1</sup>, Curtis Woodcock<sup>1</sup>, Allison Dunn<sup>2</sup>, Kelly Chance<sup>3</sup>, Steve Wofsy<sup>4</sup>, Steve Raciti<sup>1</sup>, Chris Holden<sup>1</sup>, Pontus Olofsson<sup>1</sup> and Kathryn McKain<sup>4</sup>*

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2Worcester State University Dept of Physical and Earth Sciences,  
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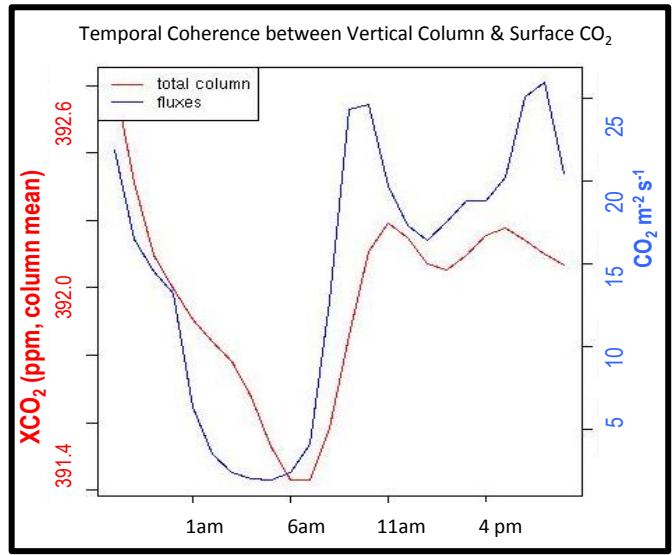
# *LCLUC Dynamics from Landsat Time Series*



# *Modeling Carbon Dynamics of LCLUC*



# Atmospheric Measurements



# Atmospheric Modeling

