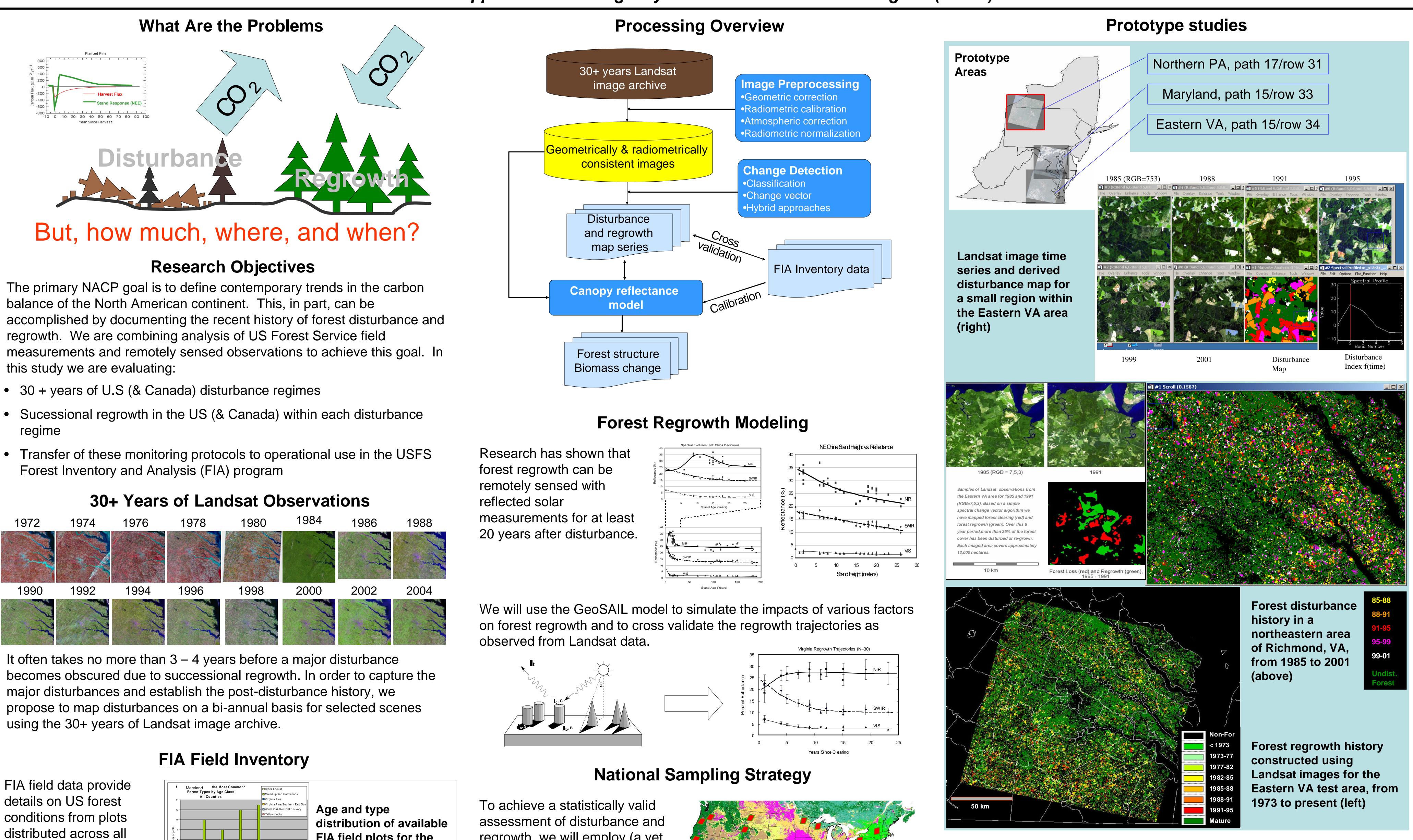
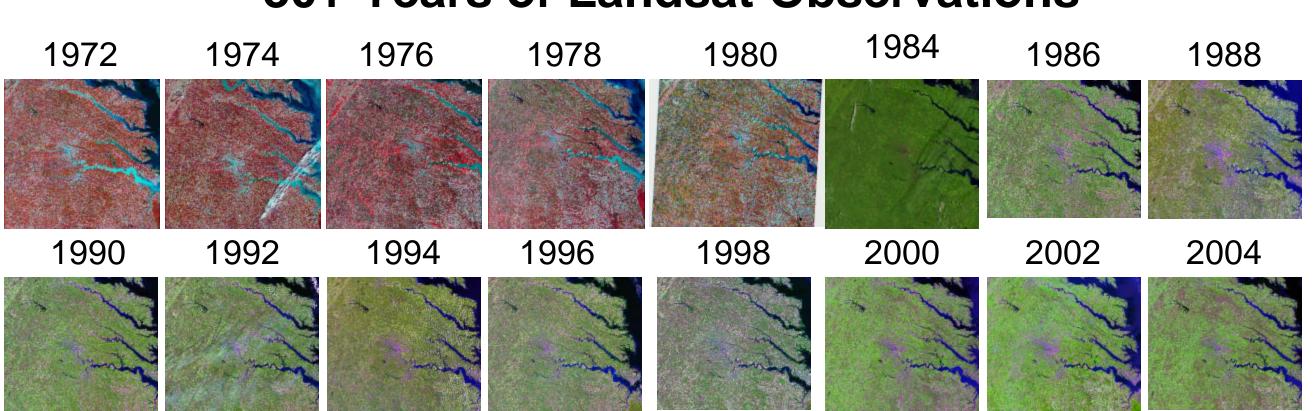
North American Forest Disturbance and Regrowth Since 1972: Empirical Assessment with Field Measurements and Satellite Remotely Sensed Observations.



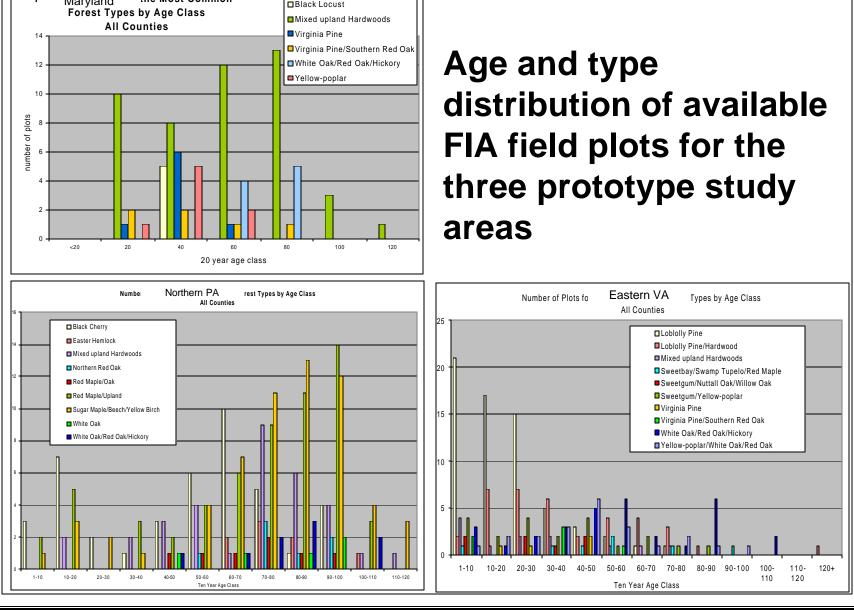
balance of the North American continent. This, in part, can be regrowth. We are combining analysis of US Forest Service field this study we are evaluating:

- 30 + years of U.S (& Canada) disturbance regimes
- regime
- Forest Inventory and Analysis (FIA) program



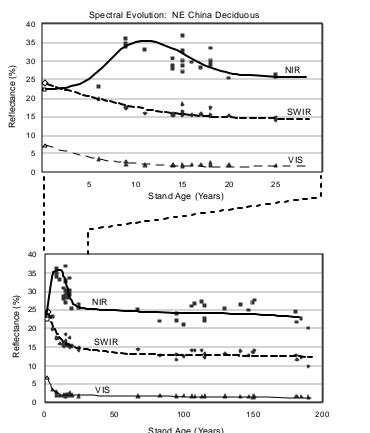
It often takes no more than 3 - 4 years before a major disturbance becomes obscured due to successional regrowth. In order to capture the major disturbances and establish the post-disturbance history, we propose to map disturbances on a bi-annual basis for selected scenes using the 30+ years of Landsat image archive.

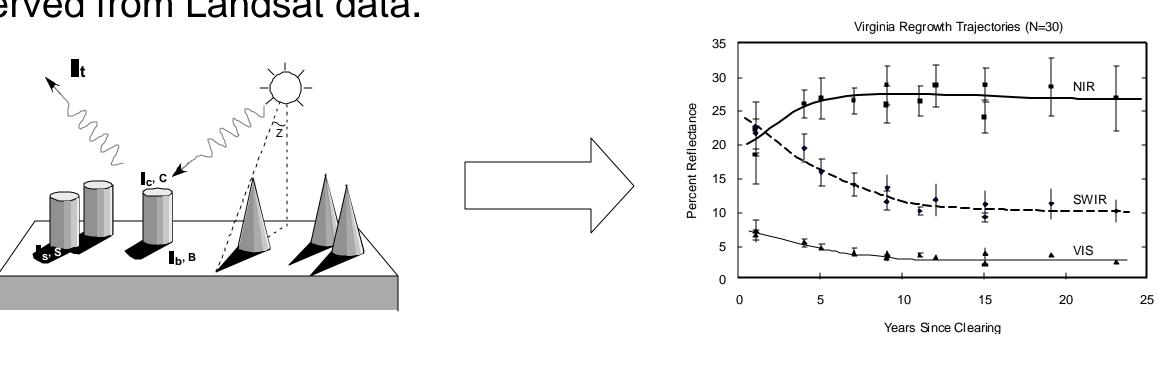
FIA field data provide details on US forest conditions from plots distributed across all forests in the US. These data will be used to validate the disturbance regimes derived from the remotely sensed data as well as assist in evaluating and modeling the observed regrowth trajectories.



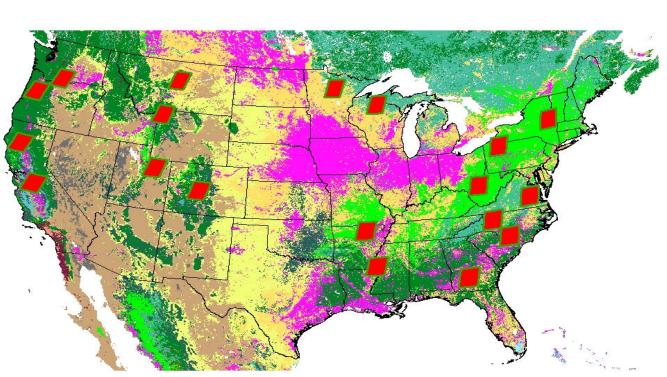
NASA Land-Cover and Land-Use Change Science Team Meeting, the University of Maryland University College, College Park, MD 20742, January 11-13, 2005

In Support of the Interagency North American Carbon Program (NACP)





regrowth, we will employ (a yet to be defined) stratified sample of Landsat scene locations in the coterminous US.



The stratification will consider factors such as known disturbance patterns, environmental factors and ecoregions. MODIS observations and decadal wall-to-wall Landsat (Geocover) data, in combination with DAYMET climate measurements will be employed to support the stratification.



Team members

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