Interstate transport of particulate and trace gas pollution from fires through the Midwest and the Great Plains

• AQ agency customer: Nebraska Department of Environmental Quality
• Investigators: Hyer (NRL), de Foy (St. Louis), Wang (Nebraska)

Left: 6 June 2011. Smoke from Western and Southwestern wildfires covers large areas of the west including most of Nebraska and Iowa. Right: 2 March 2011. Smoke from agricultural burning in Kansas has significant interstate impacts.
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- Task 1: 80% complete: Subpixel fire retrieval algorithm revised for speed, data staged
- Task 2: 25% complete: Subpixel information will be merged with FLAMBE-SEAC4RS emissions product (forthcoming).
  - UNL graduate student Tom Polivka is in Monterey this summer working on fire observations, focusing on Summer 2012 fires.
- Task 3: 15% complete: Preliminary model runs completed (right). UNL not yet funded; St. Louis awaiting UNL model results.