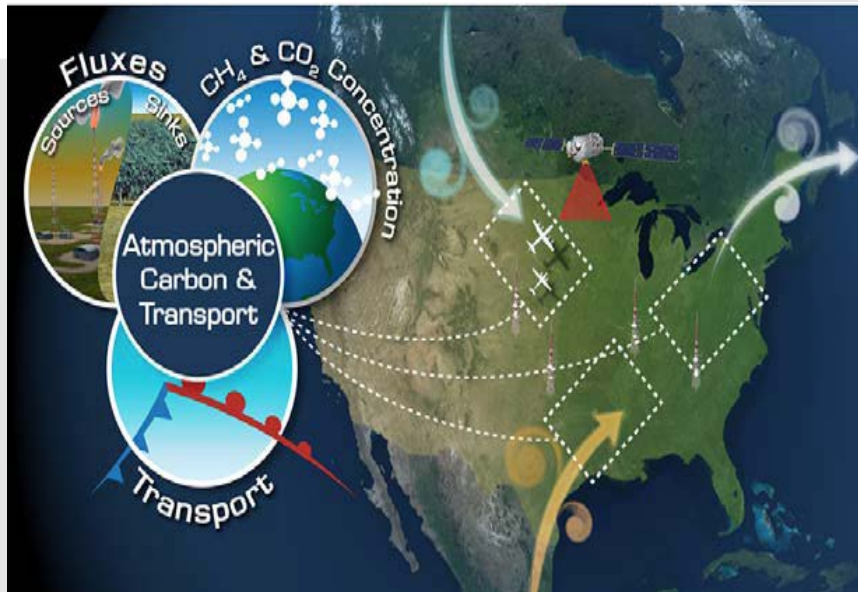




EVS-2 Investigation Summary: Atmospheric Carbon and Transport – America (ACT-America)



Science: Improve regional to continental scale diagnoses of carbon dioxide (CO₂) and methane (CH₄) sources and sinks over North America.

- Investigation start date: February 1, 2015
- Airborne element:
 - Platforms: C-130 (WFF) and B-200 (LaRC)
 - Observations include remote and *in situ* measurements of CO₂, CH₄, clouds and aerosols, and atmospheric trace gases
- Surface element:
 - Tower based measurements of CO₂, CH₄
- Deployments: Include three regional site locations across the Southeast US each deployment
 - Summer 2016
 - Winter 2017
 - Fall 2017
 - Spring 2018
 - Summer 2019

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