Airborne Measurements in Support of the NASA Atmospheric Carbon and Transport – **America (ACT-America) Mission** A23B-0291



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The overarching goal of the Atmospheric Carbon and Transport-America (ACTregional to continental scale diagnoses of carbon dioxide (CO_2) and methane (CH_4) sources and sinks.

- The mission will enable and of atmospheric inversion systems for quantifying atmospheric CO_2 and CH_4 fluxes.
- will be able to:
 - carbon cycle models, and
- climate-change mitigation







transport ensembles for atmospheric inversions.

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