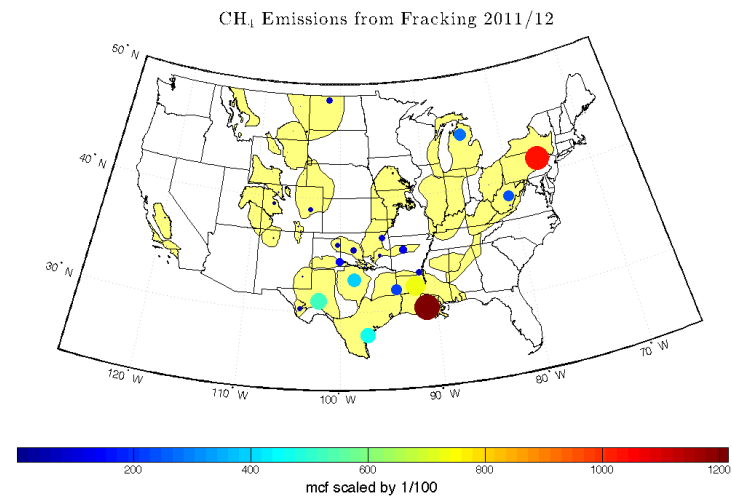
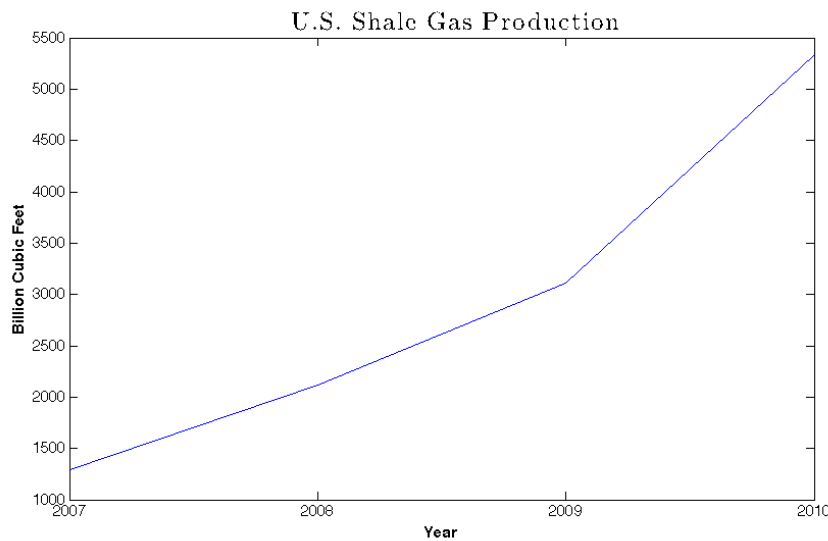


Simulating Methane Emissions from Hydraulic Fracturing with GEOS-Chem

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- Methane emissions from shale gas drilling sites have been increasing steadily with production over the last decade.
- The current GEOS-Chem methane emissions inventory for oil and gas relies on EDGAR v.4.2 data
- We can update this inventory with data from the Energy Information Administration and our own in situ measurements
- GEOS-Chem allows us to evaluate the global impact of these regional emissions.

