Research Method scheme

Emission: NEI & SMOKE model system

Emission data for core model

CTM model: Transport, Emission, Chemistry, and Deposition

CTM model output for model species and radicals

Core model

TCEQ SIP model data

AQS observational ozone data

SBTEX emission

Reactive Tracer:
consider chemical decay, physical transport, and deposition processes.

SBTEX concentration

AMTIC observational data

Probing tool: Reactive Tracer