Ram2000 • RAM-Puff
software option

Near-Real-Time Source Apportionment and Downwind Plume Impact Analyses for the RAM2000 G2 FTIR

Ram-puff is integrated with RAM2000 instrument software on dedicated multi-processor server

- Assimilates RAM2000 and meteorological data every 15 minutes

- Prepares measured or forecast met input files

- Executes CALPUFF model in near-real-time.

- Displays graphical and tabular results

- Archives results for emissions fitting calculations

- All data and results are accessible remotely via Internet

Ram-puff is DESIGNED TO OPERATE ON RAM 2000 FTIR CONTROL COMPUTER

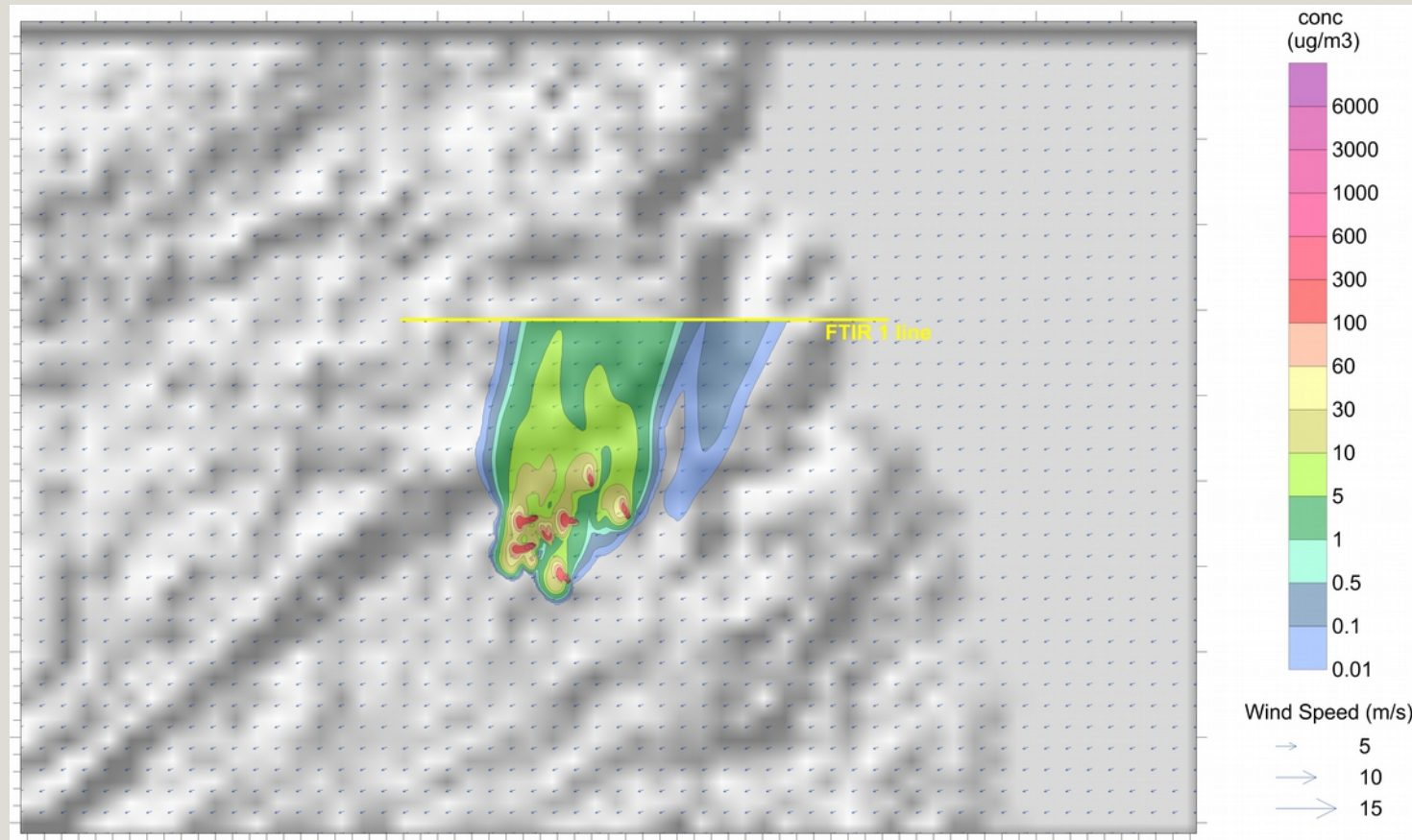# Typical RAM2000 instrument shelters

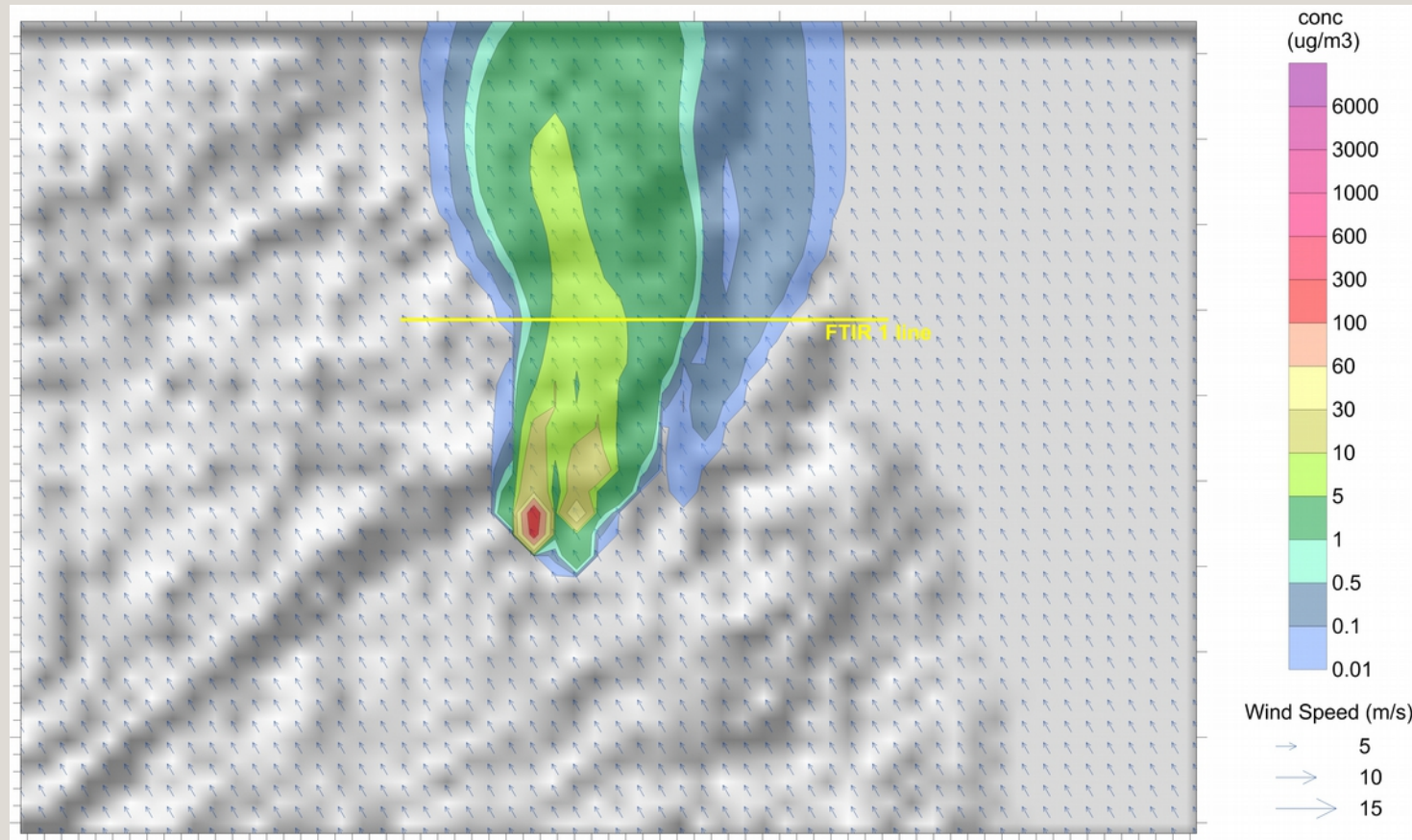# Typical IR Retro-Reflector installations

Typical IR Retro-Reflector Installations

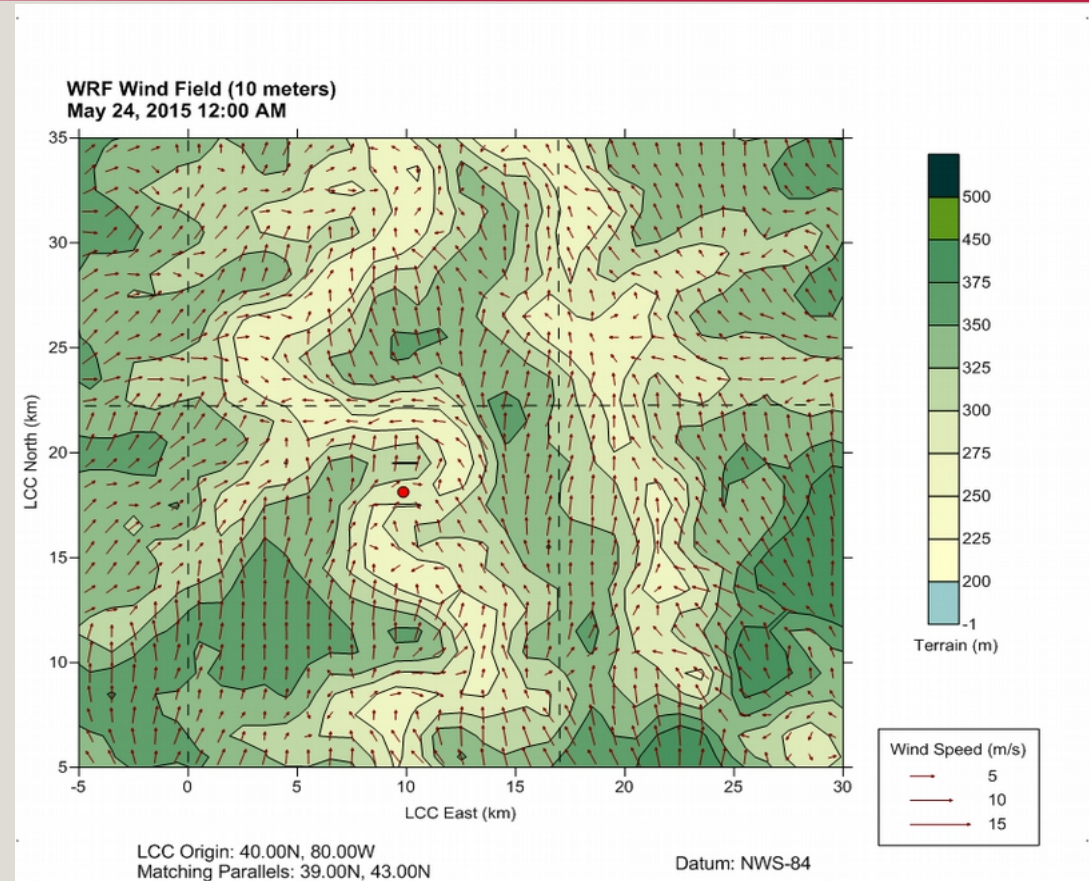# RAM-PUFF Produces Real-time Plots of Potential Sources of FTIR Concentration measurements
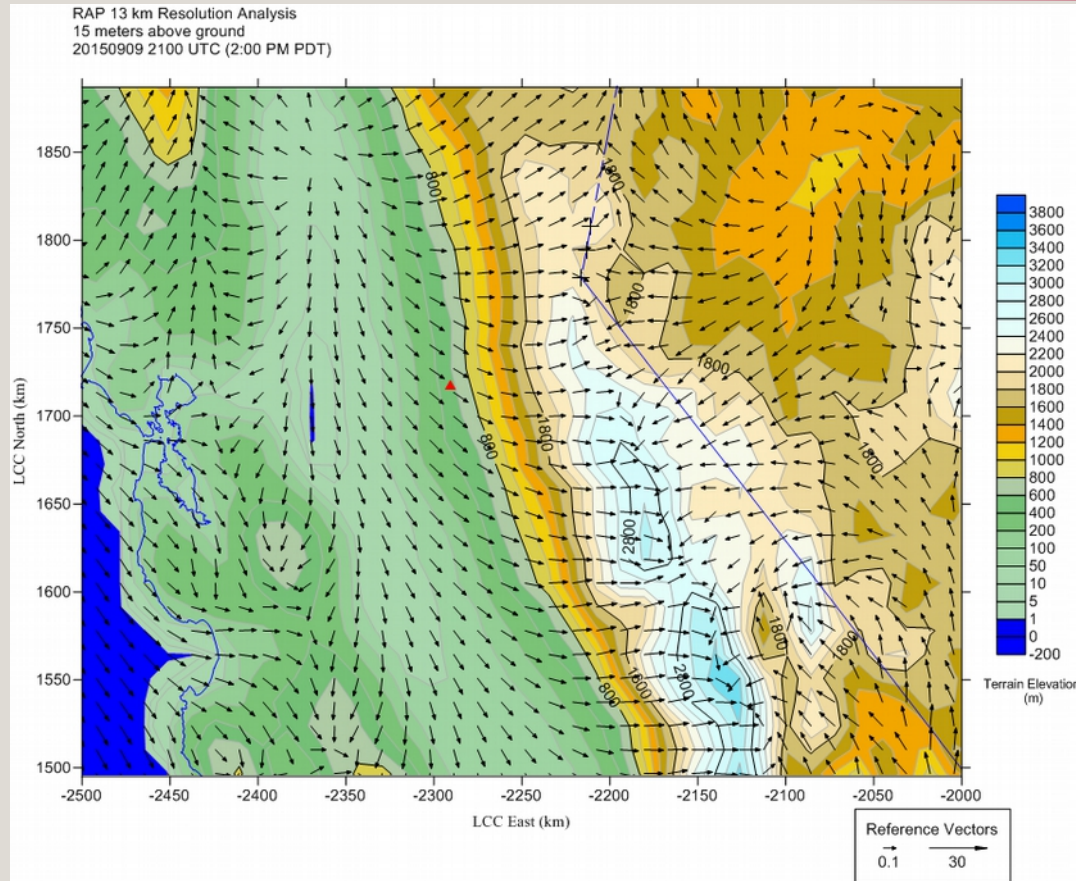
Ram-PUFF can produce Forecasts of Potential downwind impacts following High FTIR Concentration measurements
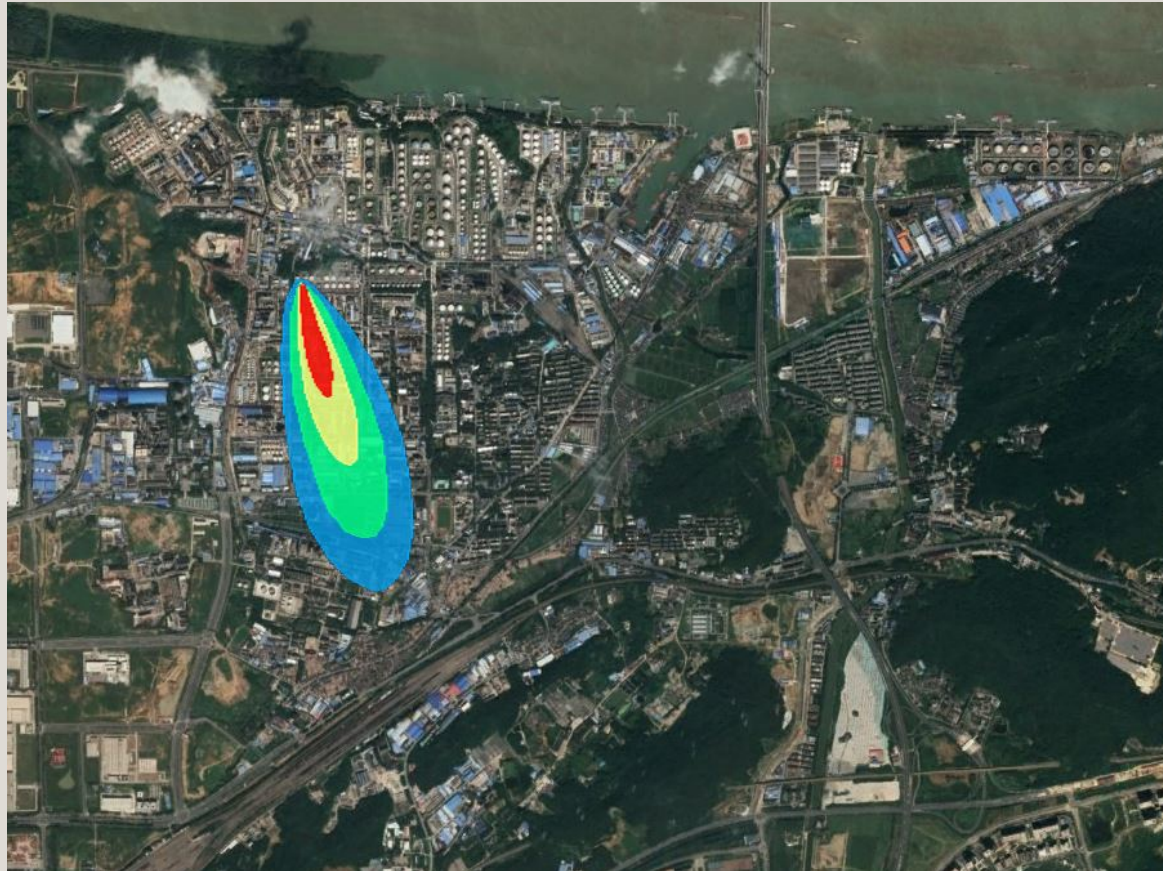
RAM-Puff can be customized for large arrays of potential emissions sources
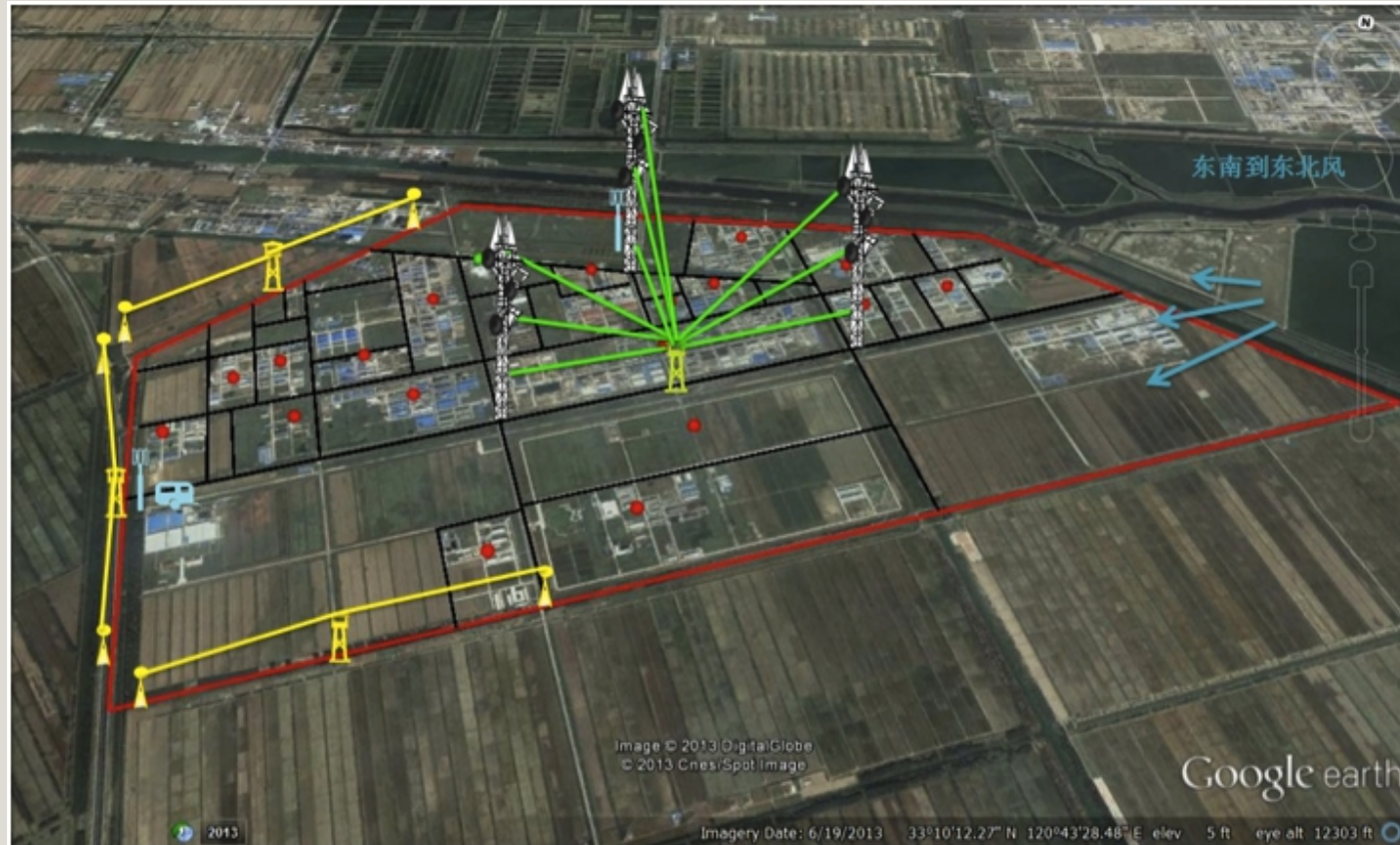
RAM-Puff assimilates real-time measured or forecast meteorology at FTIR instrument site

RAM-puff is applicable to individual FTIR instruments or networks of instruments

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Ram-puff produces a data base of emission source contributions to measured peaks

Ram-puff's graphical outputs can be customized