

# EPA Priorities for NEI Open Biomass Burning

- Reflects proper proportions of wildfire, prescribed burning, and agricultural burning relative to other sectors
  - At national through county spatial resolutions
  - Requires high completeness
- Sufficient temporal and spatial resolution to be informative to air quality decision makers
- Technical credibility and transparency, including documentation
- Works within state and EPA resource limits

# Biomass Burning Needs from the Science Community

- ⦿ Continued and expanded sharing all available data across the community
  - Outreach to private land owners
  - Making existing raw data more accessible
- ⦿ Peer review of SMARTFIRE approaches, working towards improving based on community input
- ⦿ Improved approaches to classify fires
  - Continued incorporation of more data
- ⦿ Include qualitative assessment of uncertainties based on known limitations of inputs for each fire
- ⦿ Technology enhancements
  - Cloud cover and canopy limitations

# Uncertainties and Next Steps

- ◎ Largest uncertainties in 2008 NEI
  - Completeness
  - Apportionment of fires to different types
  - Area burned for some fires
- ◎ Next Steps
  - Collective community focus on 2011 NEI
  - Sharing and collecting all raw input databases
  - Ensuring transparency in all phases of 2011 NEI to help build community acceptance
  - Getting state forestry agencies involved in review and completeness