Urban Greenhouse Gas Measurements Workshop
April 5, 2016
Portrait Room, Building 101
National Institute of Standards and Technology
Gaithersburg, Maryland

8:00	8:15	Coffee	NIST Cafeteria
8:15	8:30	Gathering and Introductions	Portrait Room
8:30	8:45	Overview	J. Whetstone, NIST

Summary of Current Project Status and Plans

City presentations should cover:

1. Observational basics – calibration methods, traceability, quality assurance, suitable locations, background concentration considerations
2. Atmospheric modeling system status.
3. Inversion system status.
4. Inventory products, development.
5. Progress towards flux inferences.
6. Near to mid-term plans

8:45	9:15	INFLUX	K. Davis
9:15	9:45	LA Megacity Carbon Proj.	C. Miller
9:45	10:15	Northeast Corridor – Baltimore Washington	NIST/UMD
10:15	10:30	Coffee	NIST Cafeteria
10:30	11:00	Northeast Corridor – Boston	S. Wofsy
11:00	11:30	Salt Lake City	J. Lin
11:30	12:30	Lunch	NIST Cafeteria

Discussion

12:30	12:45	Introduction to the Afternoon's Discussion	Ken Davis

Discussion Themes – Urban GHG Emissions Measurements and Modeling

What are the main problems impeding progress? How can we address these? How can we improve GHG emissions quantification? Candidate topics include:

- Quantification of atmospheric transport
- Development of effective observational networks
- Limits of current inventory estimates
- Challenges posed by differing urban environments – meteorology and emissions

How can we improve the coherence of research efforts? What benefits could be gained from a more coordinated cities network? Candidate topics include:

- Comparison of results and data across cities
- National and international cooperation and coordination
- Training and education

12:45	2:30	Discussion – identify needs, opportunities and actions	
2:30	3:00	Break	Coffee, etc. - Cafeteria
3:00	4:00	Continue Discussion	
4:00	5:00	Prioritization and Wrap Up	J. Whetstone
5:30	7:00	Reception	Earth Networks Headquarters, Germantown, MD