

**U.S. Environmental Protection Agency Science Advisory Board (SAB)  
Integrated Nitrogen Committee (INC) Workshop: October 20-22, 2008**

**The Renaissance--M Street Hotel, 1143 New Hampshire Ave., NW., Washington, DC  
Telephone: (202) 775-0800**

**Monday, 20 October 2008**

8:30 a.m.	Convene Meeting	Ms. Kathleen White, DFO
8:35 a.m.	Welcome and Introduction	Dr. James N. Galloway, Chair
8:45 a.m.	European Perspective on Integrated Management of Reactive Nitrogen	Dr. Jan Willem Erisman
9:30 a.m.	Q & A from Workshop Participants	
9:45 a.m.	BREAK	
10:00 a.m.	Highlights of the SAB INC Studies	Dr. James N. Galloway
11:00 a.m.	Q & A from Workshop Participants	
11:30 a.m.	Charge to Breakout Groups	Dr. Thomas Theis
12:00 p.m.	Lunch	
1:30 p.m.	Concurrent Breakout Group Sessions #1	
	- NO <sub>x</sub> Emissions from Combustion Mount Vernon Room	Dr. Dickerson and Dr. Lighty
	- Managing Ammonia Emissions Dupont Room	Dr. Aneja and Dr. Mosier
	- Urban and Aquatic Discharge of Reactive Nitrogen City Center I	Dr. Hey and Mr. Stacey
	- Agricultural Aquatic Discharge of Reactive Nitrogen City Center II	Dr. Cassman and Dr. Paerl
3:15 p.m.	Break	
3:45 p.m.	Report Out from Breakout Groups	
	- NO <sub>x</sub> Emissions from Combustion	Dr. Dickerson and Dr. Lighty
	- Managing Ammonia Emissions	Dr. Aneja and Dr. Mosier
	- Urban and Aquatic Discharge of Reactive Nitrogen	Dr. Hey and Mr. Stacey
	- Agricultural Aquatic Discharge of Reactive Nitrogen	Dr. Cassman and Dr. Paerl
5:25 p.m.	Summary & Plan for the next day	Dr. James N. Galloway
5:30 p.m.	Adjourn Meeting	

## **Tuesday, 21 October 2008**

- 8:30 a.m. Re-convene Meeting Dr. James N. Galloway, Chair
- 8:45 a.m. Concurrent Breakout Group Sessions #2
- Impacts of Land Use on Accumulation and Effects of Reactive Nitrogen in the Environment  
Mount Vernon Room Dr. Boyer and Dr. Cowling
  - Integrated Reactive Nitrogen Policies  
Dupont Room Dr. Mosier and Mr. Stacey
  - Agroecosystems, Food Security, and Bioproducts  
City Center I Dr. Cassman and Dr. Kohn
  - Energy and the Cascading Costs of Reactive Nitrogen  
City Center II Drs. Doering and Moomaw
- 10:30 a.m. Break
- 10:45 a.m. Report Out from Breakout Groups
- Impacts of Land Use on Accumulation and Effects of Reactive Nitrogen in the Environment  
Dr. Boyer and Dr. Cowling
  - Integrated Reactive Nitrogen Policies  
Dr. Mosier and Mr. Stacey
  - Agroecosystems, Food Security, and Bioproducts  
Dr. Cassman and Dr. Kohn
  - Energy and the Cascading Costs of Reactive Nitrogen  
Drs. Doering and Moomaw
- 12:30 p.m. LUNCH
- 2:00 p.m. Discussion of Implications of Workshop for Findings and Recommendations  
Drs. Theis and Galloway
- 4:30 p.m. RECESS

## **Wednesday, 22 October 2008**

- 8:30 a.m. Reconvene Dr. Galloway
- 8:35 a.m. Public Comment (none requested as of 10/17)
- 8:50 a.m. Preparation for Briefing
- 9:00 a.m. Briefings and Discussion with EPA  
Drs. Theis and Galloway with Committee
- 11:15 a.m. Implications of Discussion for Findings, Recommendations, and Report  
Dr. Theis, Vice Chair
- 12:00 p.m. BREAK for Working Lunch
- 12:30 p.m. ADJOURN