

**New Jersey Clean Air Council  
April 5, 2017 Public Hearing**

***What Can Be Learned from Low Cost Air Quality Monitors:  
Best Uses and the Current State of Technology***

NJ Department of Environmental Protection  
401 East State Street, Public Hearing Room  
Trenton, NJ 08625

9:30 a.m.

**AGENDA**

- 9:30 am **Richard E. Opiekun, M.A., M.S., Ph.D.**, Chairman, Clean Air Council  
Brief Introduction – Council Members
- 9:45 am **Toby Hanna**, Hearing Committee Chair  
**Leonard Bielory, MD**, Hearing Committee Vice-Chair  
Introduction to Hearing Topic and Procedures
- 10:00 am *Welcome*  
**Bob Martin**, Commissioner  
New Jersey Department of Environmental Protection
- 10:15 am Dr. Andrea Polidori, Atmospheric Measurements Manager  
**South Coast Air Quality Management District (SCAQMD)**  
*Evaluation of “Low-cost” Sensors for Measuring Gaseous and Particle Air Pollutants:  
Results from Two Years of Field and Laboratory Testing*
- 11:00 am Leslie Cronkhite  
**U.S. EPA/Next Generation Compliance Team Lead**  
*Advanced Monitoring: A Paradigm Shift in Environmental Knowledge*
- 11:30 am Dr. Holger M. Eisl, Research Associate Professor  
**Commoner Center, Queens College, CUNY**  
*New York City Community Air Survey (NYCCAS): The largest urban air monitoring  
program in the U.S.*
- 11:50 am Anna Scott. PhD candidate  
**Dept. of Earth and Planetary Sciences, Johns Hopkins University**  
*The Baltimore Open Air Project*
- 12:10 pm **LUNCH BREAK** (30 minutes)

- 12:40 pm Robert Laumbach, M.D., Associate Professor  
**Rutgers School of Public Health and EOHSI**  
*Assessing and Using the Technology in a Community Stakeholder Context*
- 1:00 pm Michael Heimbinder, Founder & Executive Director  
**Habitat Map**  
*AirCasting: An Open Source Platform for Crowdsourcing Environmental & Physiological Measurements*
- 1:20 pm Jeff Knapp, President & CEO  
**Smart Connect Technologies, Inc.**  
*Air Quality Brief*
- 1:40 pm Tim Dye, Sr. Vice President  
**Sonoma Technology, Inc.**  
*Using Low-Cost PM Sensors for Industrial, Government, and Educational Applications*
- 2:00 pm Geoff Henshaw, Chief Technology Officer  
**Aeroqual Ltd**  
*Performance and application of low-cost fixed instruments for ambient ozone, nitrogen dioxide, and PM<sub>2.5</sub>*
- 2:20 pm **Round Table Discussion**  
*Clean Air Council Members & invited speakers will participate*
- 3:05 pm **General Public Comment Period**  
*(Start time is subject to change at Clean Air Council Chair's discretion.)*
- Adjournment**