

## **KUO-JEN LIAO**

Climate Research Section  
Environmental Science Division  
Argonne National Laboratory

### **Education:**

Ph.D. Georgia Institute of Technology, Environmental Engineering, 2008  
M.S. National Taiwan University, Environmental Engineering, 2002  
B.S. National Cheng Kung University, Earth Sciences, 2000

### **Professional Experience:**

2008-current Postdoctoral Appointee  
Environmental Science Division,  
Argonne National Laboratory

Implement data assimilation of gas and aerosol for chemical transport models. Collaborate with staff from Argonne's Environmental Science and Mathematics & Computer Science Divisions, the National Center for Atmospheric Research, and the National Science Foundation.

### **Summary of Previous Experience:**

2004-2008 Graduate Research Assistant  
School of Civil and Environmental Engineering,  
Georgia Institute of Technology

Developed research programs in areas of effects of climate change on air quality and atmospheric chemistry.

### **Research Interests:**

Impacts of climate change on regional air quality  
Optimization of integrated control strategies for air quality management  
Data assimilation of gas and aerosol data for chemistry transport models

### **Professional Activities:**

American Geographical Union  
American Association for Aerosol Research

### **Publications:**

Author or co-author of 15+ journal, book, report, and conference publications and presentations.