

## **Golam Sarwar, Research Physical Scientist, in EPA's National Exposure Research Laboratory**

Computational Exposure Division

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**Area of Expertise:** Sarwar Golam has expertise in atmospheric chemistry, air quality model development, application, and evaluation.

### **Select Publications:**

Mathur, R., J. Xing, D. Kang, S. Napelenok, C. Hogrefe, G. Sarwar, AND Jon Pleim. Characterizing the Influence of Hemispheric Transport on Regional Air Pollution. 10th International Conf. on Air Quality-Science & Application, Milan, ITALY, March 14 - 18, 2016.

Mathur, R., J. Xing, D. Kang, S. Napelenok, C. Hogrefe, G. Sarwar, AND Jon Pleim. Modeling Analysis of Multi-Decadal Trends in Ozone and Precursor Species across the Northern Hemisphere and the United States. ENV-VISION Conference, Washington, DC, May 10 - 11, 2016.

Sarwar, G., D. Kang, K. Foley, D. Schwede, B. Gantt, AND R. Mathur. Technical note: Examining ozone deposition over seawater. ATMOSPHERIC ENVIRONMENT. Elsevier Science Ltd, New York, NY, 141:255–262, (2016).

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### **Education:**

- B.S., Mechanical Engineering, Bangladesh University of Engineering & Technology
- M.S., Mechanical Engineering, Bangladesh University of Engineering & Technology
- M.S., Mechanical Engineering, The University of Texas at Austin
- Ph.D., Civil Engineering, The University of Texas at Austin

### **Professional Experience:**

- Research Physical Scientist, EPA/ORD/NERL, RTP, NC, December, 2003 – present
- Embassy Science Fellow, US Consulate Hong Kong, October - November, 2008
- Research Engineer, The University of Texas at Austin, 2002 – 2003
- Staff Environmental Engineer, Dow Chemical Corporation, 1998 – 2000
- Environmental Engineer, Texas Commission on Environmental Quality, 1992 - 1998