

JESSICA A. JOHNSON
Project Manager/Meteorologist I



Educational Background

B.S., Meteorology, University of Nebraska at Lincoln
M.B.A., Colorado Christian University

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Professional Experience

Ms. Johnson joined STI as a Meteorologist in 2007. She is involved in the U.S. Environmental Protection Agency's (EPA) AIRNow Program and several forecasting projects. Her primary responsibilities include monitoring and reviewing incoming real-time air quality data from across North America and supporting state and local air quality agencies that deliver these data to the AIRNow Data Management Center at STI. She also provides support for EPA's EnviroFlash program by helping state and local agencies use the service and troubleshooting problems. In addition to the AIRNow Program, Ms. Johnson's responsibilities include forecasting air quality for several cities across the United States and analyzing air quality and forecast statistics. Ms. Johnson is a project manager for the Minnesota Pollution Control Agency, the Mid-Ohio Regional Planning Commission, and the National Air Quality Conference project for EPA. In 2009, she co-managed a project on the Urban Air Quality Management in Central America project and was also a presenter at an air quality public communication meeting in Panama City.

Ms. Johnson is currently working toward her Master of Business Administration degree and Project Management specialization at Colorado Christian University, and she plans to graduate in May 2010. Prior to joining STI, Ms. Johnson completed a student internship with the National Weather Service forecasting office in Valley, Nebraska, where she was responsible for weather analysis and hydrometeorological activities. Her coursework at the University of Nebraska included synoptic, dynamic, and physical meteorology; satellite data analysis; and climate studies. In addition, Ms. Johnson completed extensive coursework in chemistry and biology and earned a minor in mathematics. Ms. Johnson also spent a year as a student assistant in her professor's chemistry lab, assisting with quantitative research in solvatochromatic compounds.

Memberships

American Meteorological Society