



PVQAT

International PV Quality Assurance Task Force

Announcing our upcoming webinar of the PVQAT Soiling Group:

Modeling Atmospheric Dry Deposition

12 November 2019 15:00 UTC 7:00 San Jose 8:00 Denver 16:00 Paris 19:00 Dubai 20:30 Mumbai 23:00 Shanghai
For the time in other locations, consult this [event world clock](#)

Agenda:

Modeling Atmospheric Dry Deposition

GREG PRATT

Adjunct Assistant Professor, Environmental Health Division, School of Public Health, University of Minnesota
pratt016@umn.edu

Gases and particles find their way into the atmosphere by a variety of natural processes and human activities. These airborne substances typically return to surfaces on land and water over time, also by a variety of processes. The science of atmospheric deposition has improved dramatically since scientists began modeling and monitoring long ago (some early measurements go back at least centuries), and the field continues to evolve and improve. Algorithms that address deposition are now included in the workhorse regulatory air dispersion models, like the US EPA AERMOD model. I will cover the current state of regulatory dry deposition modeling, including strengths and weaknesses, and some background about how and why it came into its present form.

Our speaker:



GREGORY C. PRATT currently serves as an adjunct assistant professor at the University of Minnesota School of Public Health, Division of Environmental Health. Previously Dr. Pratt worked as a Research Scientist for the Minnesota Pollution Control Agency, Environmental Analysis and Outcomes Division. He earned his BS, MS, and PhD degrees all from the University of Minnesota, earning his PhD in 1982 in Plant Physiology. He has published more than 40 peer-reviewed journal papers on the subjects of air pollution and its effect on plant physiology and human health, atmospheric chemistry, and regulatory issues related to air pollution. As a researcher he has led numerous projects and grants working with the US Environmental Protection Agency in studies combining modeling with measurement campaigns. He has served on various national and international advisory panels including the Environmental Health Tracking and Biomonitoring Advisory Panel of the Minnesota Department of Health, and is an active member of the International Society for Exposure Science.

Meeting Details: PVQAT TG12 webinar: Access Code **605-616-101**

Meeting link: https://www.gotomeet.me/PVQAT_TG12_webinars You can also dial in using your phone:

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