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Education

University of California at Davis	Atmospheric Science	Ph.D.	1990
University of Utah	Meteorology	M.S.	1980
University of Michigan	Atmospheric and Oceanic Sciences	B.S.	1977

Professional Interests

Dr. Mark Green has over 30 years experience in the fields of air pollution and meteorology. Dr. Green holds the position of Research Professor in DRI's Division of Atmospheric Sciences. His research has concentrated on determining the causes of haze in both remote and urban areas and in characterization and source attribution of atmospheric aerosols. He was DRI's Principal Investigator for numerous current and past visibility related studies, including the Las Vegas Valley upper air measurement study, Project MOHAVE and BRAVO regional visibility studies, the Columbia River Gorge Air Quality and Visibility Study, the Las Vegas Valley Visibility and PM_{2.5} Study, the CENRAP Scoping Study, the CENRAP monitoring umbrella contract, the Las Vegas Valley Carbon Source Apportionment Study, the Western Regional Air Partnership Causes of Haze Study, and the Lake Tahoe Visibility Impairment Source Apportionment Study. Dr. Green served as a member of the Meteorology Subcommittee, Grand Canyon Visibility Transport Commission (GCVTC), providing substantial portions of the subcommittees' analyses and reports. He has also contributed to EPA guidance documents for PM_{2.5} monitoring. As a result of his leadership on these projects, Dr. Green is a nationally recognized expert in visibility assessment. Recent work has included evaluation of organic carbon artifact for the EPA Chemical Speciation network and IMPROVE network. Dr. Green has also served as expert witness for regional haze issues and accidents related to extreme weather conditions.

Professional Experience

2003 – Present	Research Professor, Desert Research Institute, Division of Atmospheric Sciences, Reno, NV.
2007 – 2009	Physical Scientist, Center for Satellite Applications and Research (STAR), NOAA/NESDIS, Camp Springs, MD.
2005 – 2007	Visiting Professor, University of Nevada- Las Vegas, NV.
2003 – 2006	Director, Cooperative Institute for Atmospheric Sciences and Terrestrial Applications (CIASTA), Desert Research Institute, Reno, NV.
2002 – 2005	Visiting Professor, Nevada State College at Henderson, NV.
1997 – 2003	Associate Research Professor Desert Research Institute, Division of Atmospheric Sciences, Reno, NV.
1995 – Present	Graduate Faculty, University of Nevada, Reno.
1990 – 1997	Assistant Research Professor, Desert Research Institute, Division of Atmospheric Sciences, Reno, NV.

- 1990 Teaching Assistant, Synoptic Meteorology class, University of California at Davis.
- 1990 Classifications of wind field patterns and their relationship to atmospheric extinction in southern California. Seminar at Lawrence Livermore National Laboratory, Livermore, California, July 1990; Environmental Protection Agency, Las Vegas, Nevada, September 1990; Oak Ridge National Laboratory, Oak Ridge, Tennessee, September, 1990; American Meteorological Society, Las Vegas, Nevada, December 1990.
- 1990 Guest lecture for climatology course at San Jose State University, San Jose, California, May 1990.
- 1985 - 1990 Research Assistant, University of California at Davis.
- 1978 - 1985 Air Quality Specialist, U.S. Department of the Interior, Bureau of Land Management.

Research Professor (2003- present), Assistant Research Professor (1990-1997) and Associate Research Professor (1997- 2003), Division of Atmospheric Sciences, Desert Research Institute, Las Vegas and Reno, NV.

Obtain funding for and conduct scientific research on air quality and meteorology issues. Hire and supervise scientific personnel as required to meet program objectives. Fifteen years as DRI's senior air quality person in southern Nevada. Prepared study plans and technical management, data analysis, and reporting for the Project MOHAVE and BRAVO regional visibility studies. Prepared study plan for Columbia River Gorge Air Quality Study. Principal investigator for numerous studies, including the Columbia River Gorge Air Quality Study, Las Vegas Valley Visibility and PM_{2.5} Study, the Las Vegas Valley Carbon Source Apportionment Study, CENRAP Scoping Study, CENRAP monitoring umbrella contract, WRAP/CENRAP Causes of Haze Study, Radio-Frequency Chaff Study. Served as member of the Meteorology Subcommittee, Grand Canyon Visibility Transport Commission (GCVTC), providing substantial portions of the subcommittees' analyses and reports. Contributor to many additional air quality studies involving PM₁₀, PM_{2.5}, visibility, ozone, and carbon monoxide. Quality assurance for Project MOHAVE, GCVTC, Southern California Ozone Study, and European Tracer Experiment (ETEX). Contributor to USEPA guidance documents for PM_{2.5}.

Physical Scientist, Center for Satellite Applications and Research (STAR), NOAA/NESDIS, Camp Springs Maryland, July 2007-June 2009. Intermittent Intergovernmental Personal Act (IPA) assignment. Conduct research on the use of satellite data for air quality monitoring and forecasting.

Director, Cooperative Institute for Atmospheric Sciences and Terrestrial Applications (CIASTA). April 1, 2003 – June 2006. Direct a joint research institute between the National Oceanic and Atmospheric Administration (NOAA) and the University and Community College System of Nevada. Develop and maintain relationships with federal agencies, in particular NOAA. Facilitate the establishment of joint research projects between NOAA and UCCSN and other universities in the intermountain west. Build interdisciplinary science teams to address CIASTA goals. Improve effectiveness of graduate-level education in the Intermountain West by including students in joint research projects. Provide overall management of CIASTA.

Visiting Professor, University of Nevada- Las Vegas, 2005-2007. Taught Geography 390- Meteorology and Climatology spring semester 2005-2007.

Visiting Professor Nevada State College at Henderson 2002-2005. Taught Environment 100- Humans and the Environment two semesters and Geology 117- Meteorology and Climatology five semesters.

Graduate Faculty, University of Nevada-Reno, 1995- present. Taught Atmospheric Science 413/613 Synoptic and Dynamic Meteorology, currently teaching Atmospheric Science 117- Meteorology. Served on MS and PhD committees.

Research Assistant, University of California at Davis, September 1985- September 1990. Conducted research on transport of visibility reducing pollutants in southern California. Developed a climatological classification procedure for wind field patterns.

Air Quality Specialist, U.S. Department of the Interior, Bureau of Land Management, February 1978 - August 1985. Member of interdisciplinary environmental assessment team. Responsible for preparing climate and air quality sections of environmental impacts statements. Prepared and administered contracts for air quality studies. Performed emission inventories and dispersion modeling. Coordinated Bureau air quality studies with other Federal and state agencies.

Committees and Offices

- Chair Visibility Committee (AB-6) Air & Waste Management Asso. 2003-2006
- Vice-Chair Visibility Committee (AB-6) Air & Waste Management Asso. 2000- 2003.
- Grand Canyon Visibility Transport Commission, Meteorology Subcommittee 1993-1996
- Session Chair, International Specialty Conference Aerosols and Atmospheric Optics: Radiative Balance and Visual Air Quality, Snowbird, Utah, October 1994.
- Session Chair and Member of General Conference Committee, Regional Haze and Global Radiation Balance, Bend, OR, October 2001.
- Session Chair and Member of General Conference Committee, Regional and Global Perspectives on Haze: Causes, Consequences, and Controversies, Asheville, NC, October 2004.
- Technical co-chair and Member of General Conference Committee, AAAR/AWMA Visibility Specialty Conference, Moab, UT, April 2008.
- Reviewer- Journal of Applied Meteorology, Environmental Science & Technology, Journal of Air and Waste Management Association, Atmospheric Environment

Professional Organizations

- American Meteorological Society
- American Geophysical Union
- Air & Waste Management Association

Peer Reviewed Publications

Green, M. C., Chow, J. C., Watson, J. G., Dick, K., Inouye, D., 2015: Effect of snow cover and atmospheric stability on winter PM_{2.5} concentrations in western US valleys, *J. Appl. Meteor. Climatol.*, **54**, 1191-1201.

Green, M. C., Chow, J. C., Chang, M. C., Chen, L.-W.A., Kuhns, H. D., Etyemezian, V. R., Watson, J. G., 2013: Source apportionment of atmospheric particulate carbon in Las Vegas, Nevada, USA, *Particuology*, **11**, 110-118.

Malamakal, T., Chen, L.-W.A., Wang, X., Green, M. C., Gronstal, S. B., Chow, J. C., Watson, J. G.,

- 2013: Prescribed burn smoke impact in the Lake Tahoe Basin: model simulation and field verification, *Int. J. Environ. Pollu.*, 52 (3/4), 225-243.
- Paredes-Miranda, G., Arnott, W., Moosmuller, H., Green, M. C., Gyawali, M., 2013: Black Carbon Aerosol Concentration in Five Cities and Its Scaling with City Population, *Bull. Amer. Meteor. Soc.*, 94 (1), 41-50.
- Chen, L.-W.A., Watson, J. G., Chow, J. C., Green, M. C., Inouye, D., Dick, K., 2012: Wintertime particulate pollution episodes in an urban valley of the western U.S.: A case study, *Atmos. Chem. Phys.*, 12, 10051-10064.
- Green, M. C., Chen, L.-W.A., DuBois, D. W., Molenaar, J. V., 2012: Fine particulate matter and visibility in the Lake Tahoe Basin: Chemical characterization, trends, and source Apportionment, *J. Air & Waste Manage. Assoc.*, 62 (8), 953-965.
- Gyawali, M., Arnott, W., Zaveri, R. A., Song, C., Moosmuller, H., Liu, L., Mishchenko, M. I., Chen, L.-W.A., Green, M. C., Watson, J. G., Chow, J. C., 2012: Photoacoustic Optical Properties at UV, VIS, and Near IR Wavelengths for Laboratory Generated and Winter Time Ambient Urban Aerosols, *Atmos. Chem. Phys.*, 12, 2587-2601.
- Paredes-Miranda, G., Arnott, W., Moosmuller, H., Green, M. C., Gyawali, M., 2012: Black Carbon Aerosol Concentration in Five Cities and its Scaling with City Population, *Bull. Amer. Meteor. Soc.*, 94, 41-50.
- Green, M.; Chen, A.; DuBois, D.; Molenaar, J. (2012). PM_{2.5} and Visibility in the Lake Tahoe Basin: Chemical Characterization, Trends, and Source Apportionment. In press *JAWMA*.
- Gyawali, M., W. P. Arnott, R. A. Zaveri, C. Song, H. Moosmüller, L. Liu, M. I. Mishchenko, L.-W. A. Chen, M. C. Green, J. G. Watson, J. C. Chow (2011). Photoacoustic optical properties at UV, VIS, and near IR wavelengths for laboratory generated and winter time ambient urban aerosols. *Atmos. Chem. Phys. Discuss.*, **11**, 25063-25098, 2011. www.atmos-chem-phys-discuss.net/11/25063/2011/ doi:10.5194/acpd-11-25063-2011.
- Chow, J.C.; Watson, J. G.; Green, M. C.; Frank, N.H. (2010). Filter light attenuation as a surrogate for elemental carbon. *J. of Air & Waste Mgmt. Assoc.*, **60**, 1365-1375.
- Hidy, G.M.; Brook, J.R.; Chow, J.C.; Green, M.; Husar, R.B.; Lee, C.; Scheffe, R.D., Swanson, A.; Watson, J.G. (2009). The A&WMA 2009 Critical Review Discussion -- Remote Sensing of Particulate Pollution from Space: Have We Reached the Promised Land?, *J. of Air & Waste Mgmt. Assoc.*, **59**, 1130-1139.
- Green, M., Kondragunta, S., Ciren, P., and Xu, C. 2009. Comparison of GOES and MODIS Aerosol Optical Depth (AOD) to AEosol RObotic NETwork (AERONET) AOD and IMPROVE PM_{2.5} mass at Bondville, Illinois. *J. of Air & Waste Mgmt. Assoc.*, **59**, 1082-1091.
- Green M., and Xu, J., 2008. Transport of atmospheric aerosol by gap winds in the Columbia River Gorge, *Journal of Climate and Applied Meteorology*, **47**, 15-26.
- Green, M., Pitchford, M., Emery, C. 2008. The Columbia River Gorge Air Quality and Visibility Study, *EM*, pp.20-24, June 2008.
- Green, M., and Xu, J. Causes of Haze in the Columbia River Gorge. , 2007. *J. of Air & Waste Mgmt. Assoc.* **57**, 947-958.
- Kavouras, I. G., V. Etyemezian, J. Xu, D. W DuBois, M. Green, and M. Pitchford (2007), Assessment of the local windblown component of dust in the western United States, *J. Geophys. Res.*, 112, D08211, doi:10.1029/2006JD007832

- Xu, J., D. DuBois, M. Pitchford, M. Green, V. Etyemezian, Attribution of Sulfate Aerosols in Federal Class I Areas of the Western United States Based on Trajectory Regression Analysis, *Atmospheric Environment*, **40**, 3433-3447, 2006.
- Green, M., Farber, R., Lien, N., Gebhart, K., Molenaar, J., Iyer, H., Eatough, D. (2005). The effects of scrubber installation at the Navajo Generating Station on Particulate Sulfur and Visibility Levels in the Grand Canyon. *J. of Air & Waste Mgmt. Asso.*, 55:1675-1682.
- Chow, J., Watson, J., Kuhns, H., Etyemezian, V., Lowenthal, D., Crow, D., Kohl, S., Englebrecht, J., Green, M. Source profiles for industrial, mobile, and area sources in the Big Bend Regional Aerosol and Visibility (BRAVO). *Chemosphere*, **54**, 185-208.
- Green, M., Kuhns, H., Pitchford, M., Dietz, R., Ashbaugh, L., and Watson, T., 2003. Application of the Tracer-Aerosol Gradient Interpretive Technique (TAGIT) to sulfur attribution for the Big Bend Regional Aerosol and Visibility Observational (BRAVO) Study. *J. of Air & Waste Mgmt. Asso.*, 53:586-595..
- Etyemezian, V., Kuhns, H., Gillies, J., Green, M., Pitchford, M., and Watson, J. 2003. Vehicle based road dust emissions measurement (I): methods and calibration. *Atmospheric Environment*, **37**, 4559-4571.
- Kuhns, H., Etyemezian, V., Green, M., Hendrickson, K., McGown, M., Barton, K., and Pitchford, M., 2002. Vehicle based road dust emissions measurement (II): Effects of precipitation, wintertime road sanding, and street sweepers on PM10 fugitive dust emissions from paved and unpaved roads. *Atmospheric Environment*, **37**, 4573-4582.
- Kuhns, H., Bohdan, V., Chow, C., Etyemezian, V., Green, M., Herlocker, D., Kohl, S., McGown, M., Ramsdell, J., Stockwell, W., Toole, M., and Watson, J., 2002. The Treasure Valley Secondary Aerosol Study I: Measurements and Equilibrium Modeling of Inorganic Secondary Aerosols and Precursors in Southwestern Idaho. *Atmospheric Environment* **37** (4), 511-524.
- Stockwell, W.R., Kuhns, H., Etyemezian, V., Green, M.C., Chow, J.C., and Watson, J.G., 2002. The Treasure Valley Secondary Aerosol Study II: Modeling of the Formation of Inorganic Secondary Aerosols and Precursors for Southwestern Idaho. *Atmospheric Environment* **37** (4), 525-534.
- Kuhns, H., V. Etyemezian, D. Landwehr, C. MacDougall, M. Pitchford, and M. Green, 2001. Testing re-entrained aerosol kinetic emissions from roads (TRAKER): a new approach to infer silt loadings on roadways. *Atmos. Environ.*, **35**, 2815-2825.
- Eatough, D.J., Green, M., Moran, W., and Farber, R. (2001). Potential particulate impacts at the Grand Canyon from northwestern Mexico. *Sci. Total Environ.* **276**, 69-82.
- Green, M.C., P. Pai, L. Ashbaugh, and R.J. Farber, 2000: Evaluation of Wind Fields used in the Grand Canyon Visibility Transport Commission Analyses. *J. of Air & Waste Mgmt. Asso.*, **50**, 809-817.
- Green, M.C. and I. Tombach, 2000: Use of Project MOHAVE Perfluorocarbon tracer data to evaluate source and receptor models. *J. of Air & Waste Mgmt. Asso.*, **50**, 717-723.
- Pitchford, M., M. Green, H. Kuhns, and R. Farber, 2000: Characterization of regional transport and dispersion using Project MOHAVE Tracer Data. *J. of Air & Waste Mgmt. Asso.*, **50**, 733-745.
- Chow, J.C., J.G. Watson, M.C. Green, D.H. Lowenthal, G. Torres, and B. Bates (2000). Cross-Border Transport and Spatial Variability of Suspended Particles in Mexicali and California's Imperial Valley. *Atmos. Environ.*, **34**(11):1833-1843.
- Green, M.C., 1999: The Project MOHAVE Tracer Study: Study design, data quality, and overview of results. *Atmos. Environ.*, **33**, 1955-1968.

- Kuhns, H., Green, M., Pitchford, M., Vasconcelos, L., White, W., and Mirabella, V., 1999: Attribution of particulate sulfur in the Grand Canyon to a specific point source using tracer-aerosol gradient interpretive technique (TAGIT), *J. of Air & Waste Mgmt. Asso.*, **49**, 906-915.
- Chow, J.C., Watson, J.G., Green, M.C., Lowenthal, D.H., DuBois, D.W., Kohl, S.D., Egami, R.T., Gillies, J., Rogers, C.F., and Frazier, C.A., 1999: Middle- and neighborhood-scale variations of PM₁₀ source contributions in Las Vegas, Nevada. *J. of Air & Waste Mgmt. Asso.*, **49**, 641-654.
- White, W.H., Farber, R. J., Green, M.C., Macias, E.S., Mirabella, V.A., Pitchford, M.L., and Vasconcelos, L.A., 1999 Tracking regional background in a haze attribution experiment, *J. of Air & Waste Mgmt. Asso.*, **49**, 599-602.
- Green, M.C., 1998: Evaluation of atmospheric transport and dispersion models in highly complex terrain using perfluorocarbon tracer data. *Air Pollution Modeling and its Application XII*, S.E. Gryning and N. Chaumerliac, ed. Plenum Press, New York, pp 635-642.
- Watson, J.G., Chow, J.C., Frazier, C.A., Hinsvark, B.A., Green, M.C. (1998) Ambient air quality at Barton Flats and other California forests. In *A Case History of Oxidant Air Pollution Impacts on Conifer Forests in Southern California*, Miller, P., Ed. Springer Verlag.
- Green, M.C., and K.A. Gebhart, 1997: Clean Air Corridors: A Geographic and Meteorologic Characterization. *J. of Air & Waste Mgmt. Asso.*, **47**, 303-310.
- Pitchford, M. and M. Green, 1997: Analyses of aerosol size distributions for a forty-day period in summer, 1992 at Meadview, Arizona. *J. of Air & Waste Mgmt. Asso.*, **47**, 136-146.
- Farber, R.J., T.E. Hoffer, M.C. Green, and P.A. Walsh, 1997: Summer transport patterns affecting the summer Mohave Power Project emissions. *J. of Air & Waste Mgmt. Asso.*, **47**, March 1997.
- Green, M.C., M.L. Pitchford, and L. Ashbaugh, 1996: Identification of Candidate Clean Air Corridors for the Colorado Plateau. *J. of Air & Waste Mgmt. Asso.*, **46**, 441-449.
- Green, M.C., R.G. Flocchini, and L.O. Myrup, 1993: Use of temporal principal components analysis to determine seasonal periods. *J. Appl. Meteor.*, **32**, 986-995.
- Green, M.C., R.G. Flocchini and L.O. Myrup, 1992: The relationship of the extinction coefficient distribution to wind field patterns in southern California. *Atmos. Environ.*, **26A**, 827-840.
- Green, M.C., L.O. Myrup and R.G. Flocchini, 1992: A method for classification of wind field patterns and its application to southern California. *Int. J. Climatol.*, **12**, 111-136.

Conference Proceedings and Presentations

- Watson, J. G., Green, M. C., Chow, J. C., 2015: Valley Cold Pools, Snow Cover, and Speciated PM_{2.5} in Western U.S. Cities, Department of Atmospheric Sciences at the University of Utah: Salt Lake City, UT, January 8, 2015.
- Chen, L.-W.A., Malamakal, T., Wang, X., Green, M. C., Chow, J. C., Watson, J. G., 2014: Evaluation of prescribed burning emissions and impacts on air quality in the Lake Tahoe basin, Proceedings of the Mountain Observatories 2014: Reno, NV, July 16, 2014.
- Green, M. C., 2014: Valley Cold Pools, Snow Cover, and Speciated PM_{2.5} in Western US cities, AMS Society 18th Joint Conference on the Applications of Air Pollution Meteorology with the A&WMA: Atlanta, GA, February 2, 2014.
- Green, M. C., Wang, X., Watson, J. G., Chow, J. C., Dick, K., Inouye, D., 2013: Analysis of High PM_{2.5} in the Reno, Nevada Urban Area, , Extended Abstract #13367, presented at the A&WMA 106th

- Annual Conference & Exhibition: Chicago, IL, June 25, 2013.
- Chow, J. C., Watson, J. G., Chen, L.-W.A., Green, M. C., 2013: Meteorological and Chemical Characteristics of Wintertime PM Episodes in an Urban Valley of the Western U.S., Presented at East China University of Science and Technology: Shanghai, China, September 27, 2013.
- Chen, L.-W.A., Watson, J. G., Chow, J. C., Green, M. C., 2012: Causes of wintertime PM_{2.5} episodes in Reno, NV: A valley of western U.S., Institute of Earth Environment, Chinese Academy of Sciences: Xi'an, January 7, 2012.
- Green, M. C., Chen, L.-W.A., Chow, J. C., Watson, J. G., 2012: Meteorological conditions and PM_{2.5} concentrations in winter in a high altitude urbanized valley, AMS First Conference on Atmospheric Biogeosciences: Boston, MA, May 29, 2012-June 1, 2012.
- Green, M. C., Chen, L.-W.A., DuBois, D. W., Molenat, J., 2012: Sources of and trends in visibility reducing particles in the Lake Tahoe basin, 1990-2009, Presentation at the Aerosol and Atmospheric Optics: Visibility and Air Pollution, AWMA Specialty Conference: Whitefish, MT, September 24, 2012.
- Green, M. C., Wang, X., Chow, J. C., Watson, J. G., 2012: Spatial Distribution of Wintertime PM_{2.5} in Sparks, NV, Presentation at Washoe County Air Quality Management Division: Carson City, NV, December 14, 2012.
- Malamakal, T., Chen, L.-W.A., Chow, J. C., Wang, X., Green, M. C., Gronstal, S. B., 2012: Emissions from Prescribed Burning and the Effects on Air Quality in the Lake Tahoe Basin, 6th Biennial Lake Tahoe Basin Science Conference: Incline Village, NV, May 22, 2012.
- Green, M., Chen, A., DuBois, D., Molenar, J. (2011). An Analysis of 20 Years of Aerosol and Visibility Data in the Lake Tahoe Basin. AWMA Annual meeting, Orlando, Florida, June 2011.
- Green, M.; Chow, J.; Watson, J.; Dillner, A.; Frank, N.; Rice, J. (2011). Carbon artifact adjustments for the IMPROVE and CSN speciated particulate networks. USEPA National Air Quality Conferences, San Diego, CA, March 8-10, 2011.
- Green, M.C. (2010). Use of satellite observations for aerosol detection and characterization- part 1: Methodology. Presented at the AWMA International Specialty Conference: Leapfrogging Opportunities for Air Quality Improvement, Xi'an, China, May 10-14, 2010.
- Green, M.C. (2010). Use of satellite observations for aerosol detection and characterization- part 2: Strengths, weaknesses, and future improvements expected. Presented at the AWMA International Specialty Conference: Leapfrogging Opportunities for Air Quality Improvement, Xi'an, China, May 10-14, 2010.
- Green, M., Chow, J.C., Watson, J.G. and Frank, N.H., 2009. Filter light transmission as a surrogate for elemental carbon. AWMA Annual Meeting, Detroit, Michigan, June 2009.
- Green, M., Kondragunta, S., Ciren, P., Xu, C., 2008. Comparison of GOES and AERONET aerosol optical depth to IMPROVE PM_{2.5} at Bondville, IL stratified by particle size, chemical composition, and relative humidity. Presented at the AWMA/AAAR Visibility Specialty Conference, Moab, UT, April 2008.
- Green, M., Kondragunta, S., Ciren, P., Xu, C., 2008. Comparison of MODIS and GOES AOD to AERONET AOD and PM_{2.5} at Bondville, IL. Presented at the AGU Spring meeting, Fort Lauderdale, FL. June 2008.
- Xu, C., Ciren, P., Kondragunta, S., Green, M., 2008. Spatial-temporal analysis of aerosol optical depth data over the Contiguous US from the GOES Imager. Presented at the AWMA/AAAR Visibility Specialty Conference, Moab, Utah, April 28-May 2, 2008.

- Ciren, P., Xu, C., Kondragunta, S., Green, M., 2008. Retrieval of Aerosol Optical Depth from Geostationary Satellites and Applications for Air Quality Monitoring. Presented at the AWMA/AAAR Visibility Specialty Conference, Moab, Utah, April 28-May 2, 2008.
- Green, M., Morris, R., Norville, K., Mairose, P., 2008. Panel Session for Columbia River Gorge Air Quality and Visibility Study. AWMA Annual meeting, Portland, Oregon, June 2008.
- Green, M., Chow, J. 2008. Comparison of Satellite and Ground-based aerosol optical depth and surface optical measurements at the Fresno, California supersite. AGU Fall Meeting, December 2008.
- Green, M. Regional Haze Modeling. Emerging Issues for Air Quality Modeling in Canada. Air & Waste Management Association. Calgary, Alberta, Canada, October 3-5, 2006.
- Green, M., Xu, J., Nikolich, G., Adhikrai, N., (2006). Causes of Haze in the Columbia River Gorge. 99th annual meeting of the Air & Waste Management Association. New Orleans, LA.
- M.-C. Oliver Chang, Mark Green, Hampden Kuhns, Nicholas Nussbaum, George Nikolic, L-W. Antony Chen, Judith C. Chow and John G. Watson, Las Vegas Carbon Source Apportionment Study. Presented at the CRC Mobile Source Air Toxic Workshop, Scottsdale, AZ, Nov. 30th – Dec. 2nd, 2004
- Etyemezian, V., Xu, J., Dubois, D, Green, M, Alter, L., Pitchford, M. 2004. Assessment of the major causes of dust-resultant haze in the western United States. Proceedings, Regional and Global Perspectives on Haze: Causes, Consequences and Controversies, Asheville, North Carolina, October 25-29, 2004. Air & Waste Management Association. ISBN 0-923904-72-5.
- Xu, J., Dubois, D, Green, M., Freeman, D., Etyemezian, V., Pitchford, M., 2004. Causes of Haze Assessment for WRAP Class I areas – preliminary conceptual model development. Proceedings, Regional and Global Perspectives on Haze: Causes, Consequences and Controversies, Asheville, North Carolina, October 25-29, 2004. Air & Waste Management Association. ISBN 0-923904-72-5.
- Farber, R., Lien, N., Green, M., Eatough, D., Gebhart, K., Molenaar, J, Iyer, H. Assessing changes in Grand Canyon haze when a regional point source reduces emissions. Proceedings, Regional and Global Perspectives on Haze: Causes, Consequences and Controversies, Asheville, North Carolina, October 25-29, 2004. Air & Waste Management Association. ISBN 0-923904-72-5.
- Dubois, D, Green, M., Xu, J., Freeman, D., Etyemezian, V., Pitchford, M. 2004. The Causes of Haze Assessment: an overview. Proceedings, Regional and Global Perspectives on Haze: Causes, Consequences and Controversies, Asheville, North Carolina, October 25-29, 2004. Air & Waste Management Association. ISBN 0-923904-72-5.
- Green, M., Dubois, D, Xu, J., Pitchford, M. 2004. Westward transport of sulfate rich haze from the eastern United States. Proceedings, Regional and Global Perspectives on Haze: Causes, Consequences and Controversies, Asheville, North Carolina, October 25-29, 2004. Air & Waste Management Association. ISBN 0-923904-72-5.
- Green, M., Gebhart, K., Schichtel, B., Barna, M. An Overview of Methods Used for Particulate Sulfur Source Attribution for the Big Bend Regional Aerosol and Visibility Observational (BRAVO) Study and Some Preliminary (Unreconciled) Results, Paper 69833. Annual AWMA Conference, San Diego, CA.
- Green, M., Arnott, P., Walker, J., Etyemezian, V. 2003. Comparison of NIOSH and IMPROVE methods for elemental carbon aerosol measurements with a photoacoustic method in a wintertime, urban, desert environment. European Aerosol Conference Proceedings.

- Arnott, W.P., Green, M., Walker, J., Moosmuller, Etyemezian, V. Photoacoustic insight on the roles of soot and NO₂ in light absorption at Las Vegas, NV USA. 2003 European Aerosol Conference Proceedings.
- Green, M., Pitchford, M., Tombach, I., (2003): A Summary of findings from the Big Bend Regional Aerosol and Visibility Observational (BRAVO) Study. A&WMA 96th Annual Conference, June 2003.
- Ashbaugh, L., Eldred, R., Green, M., (2001): Temporal and spatial characteristics of atmospheric aerosols in Texas during the Big Bend Regional Aerosol and Visibility study (BRAVO). *Proc. Conference on Regional Haze and Global Radiation Balance*, AWMA and AGU, Bend, Oregon, October 2001.
- Green, M., Hecobian, A., Etyemezian, V., Kuhns, H., Chow, J., Watson, J., Ransel, D., Cates, W., Durosinmi, (2001): Chemical composition of haze in the Las Vegas Valley. *Proc. Conference on Regional Haze and Global Radiation Balance*, AWMA and AGU, Bend, Oregon, October 2001.
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