

Air Resources Management certificate students and interns/assistants theses, DNR reports, and presentations

Theses, DNR Reports, Presentations	Type/Date
An Inhalation Risk Assessment of Murphy Oil USA, Inc.	Civil and Environmental Engineering (CEE) M.S. report. 1994
In Situ Bioremediation of Petroleum-Contaminated Subsurface Soils and Groundwaters.	Land Resources M.S. thesis. 1995
Evaluation of Emissions from Bulk Gasoline Terminals.	CEE M.S. report. 1995
Development of General Operating Permits (GOPs) for Solvent Metal Degreasers and Preliminary General Operating Permits for Batch Cleaners.	CEE M.S. report. 1995
Ambient Concentration of Pollutants Emitted from a Baker's Yeast Facility.	CEE M.S. report. 1995
Isocyanate Air Regulation Effects on Military Painting Operations: A Solution for Fort McCoy Army Base.	Land Resources/Air Resources Management (ARM) M.S. thesis. 1996
Regulation of VOC Emissions from the Use of Industrial Adhesives in WI.	Land Resources/ARM M.S. thesis. 1996
Engineering & Economic Considerations of a Chlor-Alkali Plant Conversion from Mercury-Cell to Membrane-Cell Technology with an Introduction Mercury: An Environmental Hazard.	CEE M.S. report. 1996
An Analysis of Long Term Trends in Tropospheric Ozone in the Lake Michigan Area, 1980-95.	Land Resources/Energy Analysis and Policy M.S. thesis. 1997
Correlating Benzene, Total Hydrocarbons & Carbon Monoxide Emissions from Wood-Fired Boilers at Tenneco Packaging.	CEE M.S. report. 1997
Implementation of the Photochemical Assessment Monitoring System in Wisconsin: A Preliminary Analysis.	Land Resources/ARM M.S. thesis. 1997
Ammonia Emissions from Mobile T-reactor.	CEE M.S. report. 1997
Evaluation of an Air Toxic GIS Risk Screening Model.	Environmental Monitoring M.S. thesis. 1998
A Performance Measure Evaluation Method for the Air Management Program at the Wisconsin Department of Natural Resources.	Land Resources/ARM M.S. thesis. 1998
A Modeling Analysis of Class I Air Quality Redesignations.	Land Resources/ARM M.S. thesis. 1998
Use of the Trembling Aspen Clone 271 as a Biomonitor of Atmospheric Mercury	Land Resources/ARM M.S. thesis. 1999
Fine Particulates in Air: A Characterization and Co-Pollutant Analysis	Land Resources Ph.D. dissertation. 2000
A Modeling Study in Rain Scavenging Effects of PM10 in Urban Areas	Land Resources/ARM and AOS M.S. thesis. 2000
Air Regulations and Emissions of Arsenic and Benzo(a)pyrene in Wisconsin from 1990-97	Land Resources/ARM M.S. thesis. 2001
Significance of Anthropogenic Chlorine Emissions in Mercury Modeling	Land Resources/ARM and CEE M.S. thesis. 2002
A Comparison of the Results for Three Atmospheric Dispersion Models in an Analysis of Three Facilities in Wisconsin	Land Resources/ARM and AOS M.S. thesis. 2002
Reactive Gaseous Mercury Plume Events Near Devil's Lake State Park in Wisconsin	Land Resources/ARM M.S. thesis. 2004
Improving U.S. State Agency Environmental Management Through Organizational Learning, Action Research, and International Exchange	Land Resources M.S. thesis. 2004
An Investigation Study Using GIS to Assess the Complaints on Reformulated Gasoline from the Milwaukee Area.	Independent Study report. April 1995
Rethinking Ozone Control Policy: Scientific and Policy Considerations.	Independent Study Project. Dec 1995
Development of General Operating Permits for Small Heating Units and Ethylene Oxide Sterilization Systems and Review of an Operating Permit for Ft. McCoy Army Base: A Synthetic Minor Air Pollution Source.	Independent Study Report. Dec 15, 1995
Ozone Trends in the Lake Michigan Region.	Independent Study Report. December 20, 1995
An Overview of the Tribal Class I Redesignation Controversy in Wisconsin.	Independent Study Project. 1996
Mercury Bioaccumulation in an Aquatic Food Chain.	Modeling Study for AOS 601. Dec 13, 1996

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A Dispersion Modeling and Risk Assessment for Chloroform Emissions from the Green Bay Metropolitan Waste Water Treatment Plant.	Poster presented at the 88th Air & Waste Management Association Annual Meeting in San Antonio, TX, June 18-23, 1995
A GIS Analysis Determination of the Potentially Affected Population Within Two TSP Non-attainment Areas in Superior, WI.	Poster presented at the 89th Air & Waste Management Association Annual Meeting in Nashville, TN, June 23-28, 1996
Long Term Trends in Ground Level Ozone in the Lake Michigan Area.	Paper presented at 90th Air & Waste Management Association Annual Meeting in Toronto, Ontario. June 1997
The Bureau of Air Management Supplement to the Rule Making Guideline Book. (Co-author)	DNR report. 1995
The Air Management Operations Handbook. (Co-author)	DNR report. 1996, 1997
An Analysis of Long Term Trends in Tropospheric Ozone in the Lake Michigan Area, 1980-95.	DNR Report. June 1997
Analysis, Preliminary Determinations, and Draft Permit for Goodman Forest Industry, Ltd.	DNR report. September 1997
Draft Air Pollution Control Operation Permit to Goodman Forest Industries, Ltd.	DNR report. September 1997
Preliminary Report for the Development of General Construction and Operation Permits for Hot Mix Asphalt Plants	DNR report. May 2004