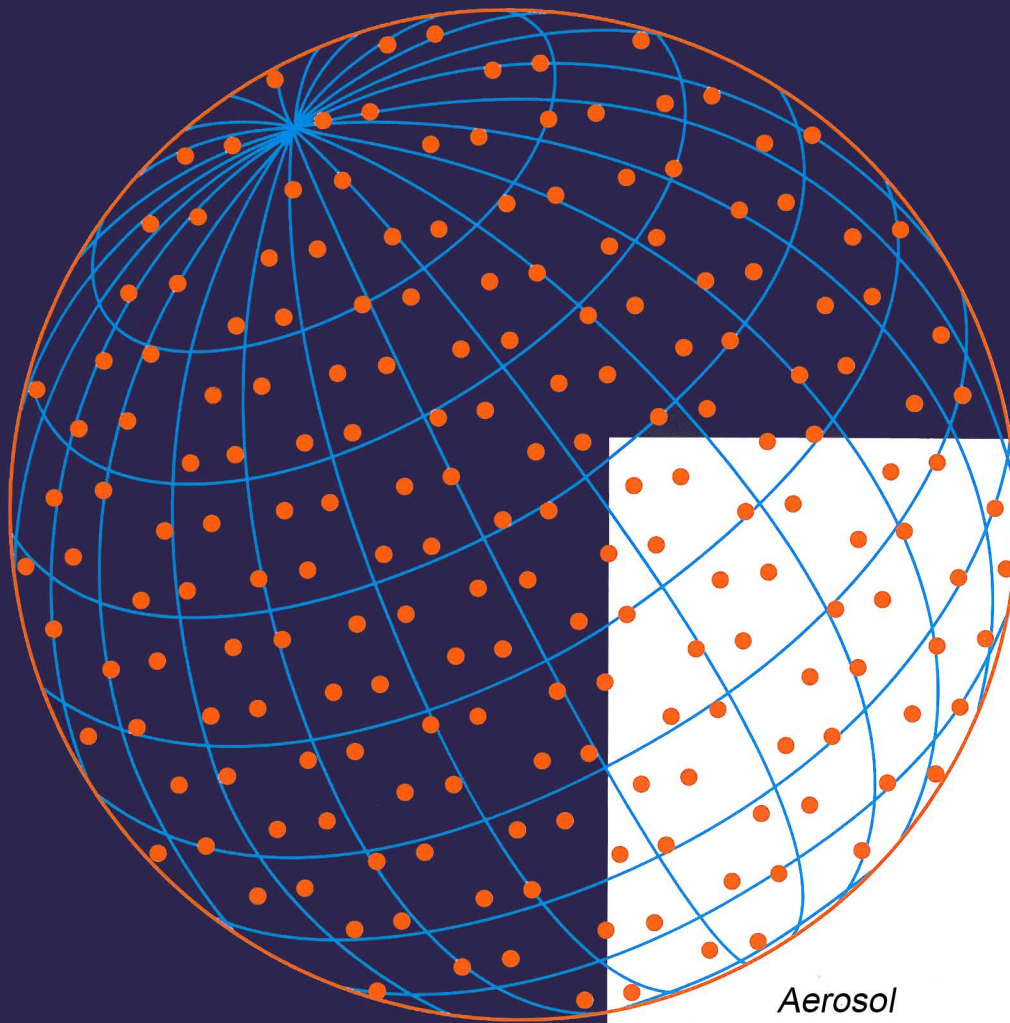


Aerosol and Air Quality Research



Aerosol
Aerosol Chemistry
Aerosol Physics
Air Quality
Air Toxics
Biofuel Combustion Emissions
CO₂ Emission
Diesel Engine Emissions
Health Effects
Indoor Air Quality
Instrumentation
Modeling

AEROSOL AND AIR QUALITY RESEARCH

CONTENTS

- Aerosol Physics and Instrumentation**
- Coarse-Particle Passive-Sampler Measurements and Single-Particle Analysis by Transmitted Light Microscopy at Highly Frequented Motorways** 1939
Zhaoxue Tian, Volker Dietze, Frank Sommer, Anja Baum, Uwe Kaminski, Jan Sauer, Christoph Maschowski, Peter Stille, Kuang Cen, Reto Gieré
- Performance Estimation of a Louver Dust Collector Attached to the Bottom of a Subway Train Running in a Tunnel** 1954
Jung-Bo Sim, Sang-Hee Woo, Won-Geun Kim, Se-Jin Yook, Jong Bum Kim, Gwi-Nam Bae, Hwa Hyun Yoon
- Geostatistical Methods for Filling Gaps in Level-3 Monthly-Mean Aerosol Optical Depth Data from Multi-Angle Imaging Spectroradiometer** 1963
Manoj K. Singh, Parvatham Venkatachalam, Ritesh Gautam
- Aerosol and Atmospheric Chemistry**
- Particulate Size Distribution and Sources Evaluation of *n*-Alkanes during Long-Term Haze Episode around Chaohu Lake, Eastern** 1975
Qiu-Ping Xu, Ji-Zhong Wang, Jia-Qin Liu, Shu-Chuan Peng
- Pollution Characteristics and Source Apportionment of PM_{2.5}-Bound *n*-Alkanes in the Yangtze River Delta, China** 1985
Zhenyu Hong, Youwei Hong, Han Zhang, Jinsheng Chen, Lingling Xu, Junjun Deng, Wenjiao Du, Yanru Zhang, Hang Xiao
- Urban Air Quality**
- Mobile Monitoring of Personal NO_x Exposures during Scripted Daily Activities in Chicago, IL** 1999
Jiayao Xu, Han Jiang, Haoran Zhao, Brent Stephens
- Air Toxics**
- Part II: PM_{2.5} and Polychlorinated Dibenzo-*p*-dioxins and Dibenzofurans (PCDD/Fs) in the Ambient Air of Northern China** 2010
Jin Xing, Kangping Cui, Haiyan Tang, Wen-Jhy Lee, Lin-Chi Wang, Jinning Zhu, Qianli Huang
- Atmospheric Deposition of Polychlorinated Dibenzo-*p*-dioxins and Dibenzofurans in Two Cities of Northern China** 2027
Jinning Zhu, Jin Xing, Haiyan Tang, Wen-Jhy Lee, Ping Yan, Kangping Cui, Qianli Huang
- Persistent Organic Pollutant Reductions from a Diesel Engine Generator Fueled with Waste Cooking Oil-based Biodiesel Blended with Butanol and Acetone** 2041
Jen-Hsiung Tsai, Sheng-Lun Lin, Shui-Jen Chen, Guo-Ping Chang-Chien, Bo-Cheng Jheng, Kuo-Lin Huang, Chih-Chung Lin, Juei-Yu Chiu
- Bioaerosols**
- Ambient Fungal Spore Concentration in a Subtropical Metropolis: Temporal Distributions and Meteorological Determinants** 2051
Kraiwuth Kallawicha, Yi-Chen Chen, H. Jasmine Chao, Wei-Chiang Shen, Bing-Yu Chen, Yu-Chen Chuang, Yue Leon Guo
- Fungal Bioaerosol Exposure and Its Effects on the Health of Mushroom and Vegetable Farm Workers in Taiwan** 2064
Yenni Gustiani Tarigan, Ruey-Yu Chen, Hsiu-Chen Lin, Chia-Yi Jung, Kraiwuth Kallawicha, Ta-Pang Chang, Po-Chen Hung, Chih-Yong Chen, Hsing Jasmine Chao
- Exposure Assessment of Hexavalent Chromium for a Powder Coating Spray Painter Associated with the Development of Lung Cancer** 2076
Kyeongmin Lee, Donguk Park, Boowook Kim, Jungah Shin
- Air Pollution Modeling**
- Evaluation of $\delta^{13}\text{C}$ in Carbonaceous Aerosol Source Apportionment at a Rural Measurement Site** 2081
Johan Martinsson, August Andersson, Moa K. Sporre, Johan Friberg, Adam Kristensson, Erik Swietlicki, Pål-Axel Olsson, Kristina Eriksson Stenström

- Optical/Radiative Properties and Remote Sensing**
- Particle Size Distribution of Soot from a Laminar/Diffusion Flame** 2095
Jian Wu, Linghong Chen, Jianwu Zhou, Xuecheng Wu, Xiang Gao, Gérard Gréhan, Kefa Cen
- Control Techniques and Strategy**
- Ozone Catalytic Oxidation of Gaseous Toluene over MnO₂-Based Ozone Decomposition Catalysts Immobilized on a Nonwoven Fabric** 2111
Kazuhiko Sekiguchi, Yuki Kurita, Kenshi Sankoda, Norikazu Namiki, Fumio Yasui, Hajime Tamura
- Preparation and Characteristic of Antibacterial Facemasks with Chinese Herbal Microcapsules** 2120
Ya-Fen Wang, Fei Kang, Sheng-Jie You, Cheng-Hsien Tsai, Geng-Le Lin