



AIR & WASTE MANAGEMENT
ASSOCIATION
SINCE 1907

Addendum to the Final Program

**Air & Waste Management Association 109th Annual Conference & Exhibition
June 20 – 23, 2016 (New Orleans, LA)**

EXHIBITOR UPDATES - NEW EXHIBITORS

**AFL Industries, A Division of RGF
Environmental Group, Inc.308**
1101 West 13th Street
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As the original inventor of the “Clark” Oil Stop Valve, we continue as market leaders with our next generation Oil Stop Valves, Oil Water Separators, Industrial Wastewater Treatment and Reclaim Systems. AFL and RGF have over 70 years of combined innovative design and manufacturing experience.

BioAir Solutions, LLC.....105
110 Kresson-Gibbsboro Road, Suite 303
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www.bioairsolutions.com
tdunaev@bioairsolutions.com

BioAir specializes in the design and supply of industry specific odor and emission control technologies, with a strong emphasis on biological and sustainable solutions. We’re proud to be the world’s leading odor and air emissions control provider, and we look forward to finding out what we can do for you.

Bluedata-technologies410
Immeuble Hermes, 4 rue René Razel
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Bluedata-technologies is an IoT firm providing universal communication systems. Bluebox system connects any instruments and sensors to a web platform into SaaS mode that provides many services data centralization, real time graphs, remote control, email and SMS alerts, data download, automatic report etc.) accessible anywhere and anytime.

CAMSCO307
6732 Mayard Road
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Phone: 713-983-0218;
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Camsco, established in 1991, manufactures, supplies, and provides services for air monitoring applications specific to sorbent tubes and thermal desorption. We specialize in VOC and Semi VOC air monitoring applications including, but not limited to, EPA Method 325 Benzene Fenceline Monitoring, Chemical Weapons Destruction Monitoring and Method TO-17.

TECHNICAL TOUR UPDATES

CANCELLED TOUR

Cornerstone Chemical Company – Wednesday, June 22, 9:00 am – 12:00 pm – Cancelled

CONFIRMED TOURS

Occidental Chemical Corporation

Tuesday, June 21, 9:00 am – 12:00 pm

Buses to pick up on Loyola Avenue. Bus Pickup is located through the main lobby entrance doors. Bus departs promptly at 9:00 am.

Sewerage & Water Board of New Orleans

Thursday, June 23, 9:00 am – 12:00 pm

Buses to pick up on Loyola Avenue. Bus Pickup is located through the main lobby entrance doors. Bus departs promptly at 9:00 am

EVENT CHANGES

Speed Networking

Wednesday, June 22, 9:30 AM – 11:00 AM

Previously in room Imperial 9

Room Change to Celestin AB (Level 3)

FINAL PROFESSIONAL DEVELOPMENT COURSES

Courses will include a continental breakfast from 7:00 am–8:00 am, breaks from 10:00 – 10:30 am and 3:00 – 3:30 pm and lunch for full day courses from 12:00 pm – 1:00 pm. Registration is still open for confirmed courses. Visit the main registration area to register.

CANCELLED COURSES

COURSE TITLE	INSTRUCTORS	DAY/TIME
AIR 173: CALPUFF Version 7 Introductory Course	Irene Lee and Christopher DesAutels	Sunday, June 19 8:00am-5:00pm
AIR-291: Consideration And Remediation Of Air Pollutants In Municipal Solid Waste Landfilling and Incineration	Amirhossein Malakamed	Monday, June 20 8:00am-5:00pm

CONFIRMED COURSES

COURSE TITLE	INSTRUCTOR(S)	ROOM	TIME
SUNDAY, JUNE 19, 2016			
EMGM-130: Introduction To Environmental Forensics	Laurie Benton Brenton Cox	BOLDEN 1	8:00am-12:00pm
AIR-135: Fundamentals of Air Pollution Meteorology and Dispersion Modeling	Anthony Sadar	BOLDEN 1	1:00am-5:00pm
AIR- 240: Air Pollution Control and Compliance for Industrial Applications	Thomas McGowan	BOLDEN 2	8:00am-5:00pm
EMGM-345: ISO 14001: 2015 – Environmental Management System Understanding The New Requirements And Transition To The New Standard	Yogendra Chaudhry	BOLDEN 6	8:00am-5:00pm
MONDAY, JUNE 20, 2016			
AIR- 186: Introduction to Open-Path Monitoring for Fenceline Monitoring and Flux Measurement”	Curtis Laush and Steve Ramsey	BOLDEN 1	8:00am-12:00am
AIR-205: Fabric Filter Baghouse 101 Including Fine Particle Emission Control, Baghouse Fundamentals, Design, Qa/Qc, Troubleshooting, Filter Media Selection, & Nano-Filtration	Dr. John McKenna	BOLDEN 2	8:00am-5:00pm
AIR-299: AERMOD Air Dispersion Modeling	Jesse The’ and Michael Hammer	BOLDEN 5	8:00am-5:00pm
EMGM-348: ISO 14001: 2015 Auditing ISO 14001: 2015 – Environmental Management System <i>Auditing The New Requirements Of The EMS Standard</i>	Yogendra Chaudhry	BOLDEN 6	8:00am-5:00pm

TECHNICAL PROGRAM CHANGES

TUESDAY, JUNE 21, 2016

Technical Poster Session

Tuesday, June 21, 2016, 10:00 AM – 11:45 AM
Room Storyville Hall
Chair: David Minott, Arc5 Environmental Consulting, LLC

See Revised Posters Display Guide (Attached at the end of this Addendum)

Air Emissions Quantification

(PRESENTATION WITHDRAWN):

Understanding Production of Soil Nitrogen Oxide and Its Effect on Regional Air Quality, Paper# 1183
Quazi Rasool, Rui Zhang, and Daniel Cohan, Rice University

Transportation Emissions and Impacts

(PRESENTATION ADDED):

Variations in the NOx Emissions for Moving Transit Buses with EGR and Non-EGR Engines, Paper# 1073
Manideep Yarlagadda, Ashok Kumar, Dong-Shik Kim, and Ruthwik Junuthula, The University of Toledo

Indoor Air Quality

(PRESENTATION WITHDRAWN):

An Analysis of Air Filter Media by Introducing the Effective Leakage Area Method, Paper# 1249
Heekwan Lee, Jonghung Park and Rajib Pokhrel, Incheon National University, South Korea

Indoor Air Quality

(PRESENTATION WITHDRAWN):

Impact Assessment of Thermal Environment on the Academic Attention in a Classroom, Paper# 1251
Heekwan Lee, Jiwon Jeong and Rajib Pokhrel, Incheon National University, South Korea

Technical Sessions

DoD Environmental Compliance Issues and Policy

Track: FEDS, Platform – TCC: FED1
Tuesday, June 21, 2016, 1:20 PM
Room: Bolden 1
Chair: Francisco Castaneda, III, HQ Air Force Civil Engineering Center
Vice-Chair: Sardar Hassan, Department of Defense

(UPDATED AUTHORS):

1:40 PM
Automation of RICE NESHAP Compliance in the U.S. Air Force, Paper#:877
Stuart Wallace, AECOM; Francisco Castaneda, III, HQ Air Force Civil Engineer Center

(PRESENTATION ADDED):

3:00 PM
Impacts of Updated Refrigerant Regulations on the United States Air Force, Paper #1081
Francisco Castaneda, III, HQ Air Force Civil Engineering Center; Will Rottgering, Northrop Grumman

Recycling, Take-Back, and Diversion Programs - Case Studies, Issues and Perspectives

Track: SUST, Platform – TCC: SRC1
Tuesday, June 21, 2016, 1:20 PM
Room: Strand 12A
Chair: Sam Vigil, California Polytechnic University San Luis Obispo
Vice Chair: Ning Ai, University of Illinois at Chicago

(PRESENTATION WITHDRAWN):

2:40 PM
The Determination of Sorting Efficiency of Cardboard Disc Screen in Waste Paper Processing, Paper# 1246
Arash Razaee and Thomas Pretz, RWTH

(PRESENTATION TIME CHANGED TO 2:40 PM):

Efficient Data Management is Critical to Measuring Success, Paper# 839
Rick Penner, Re-TRAC Connect

Exposure and Health Effects of Criteria Pollutants

Track: H&EE, Platform – TCC: HEE1
Tuesday, June 21, 2016, 1:20 PM
Room: Strand 13A
Chair: J.W. Morrow
Vice Chair: Suresh Santanam, SU-Industrial Assessment Center

(PRESENTATION TIME CHANGED TO 1:20 PM):

FROG-4000 Portable Gas Chromatograph: Applications in Ambient Air Quality Monitoring, Paper# 1180
Lindsey Foster, Poojitha Aleti, Abhinay Jilla, and Bhaskar Kura, University of New Orleans; Aamani Kura, Louisiana State University / Marathon Petroleum Company

(PRESENTATION TIME CHANGED TO 1:40 PM):

PM2.5 and Ozone-Related Health Impacts in a Changing Climate, Paper# 1234
Joshua Fu, Jian Sun and Xiufen Xhu, University of Tennessee

(PRESENTATION TIME CHANGED TO 2:00 PM):

Air Pollutant Mitigation Strategies to Reduce Health Impacts: An Application in Detroit, MI, Paper# 898
Sheena Martenies, Chad Milando and Stuart Batterman, University of Michigan, School of Public Health

(PRESENTATION WITHDRAWN)

Characterization of Traffic Emissions Exposure Metrics in an Urban Area, Paper# 1077
Jennifer L. Moutinho, Rodney J. Weber, and Armistead G. Russell, Georgia Institute of Technology; Donghai Liang, Chandresh Ladva, Dean Jones, Stefanie Ebelt Sarnat, and Jeremy A. Sarnat, Emory University; Karoline Johnson, Duke University; Rachel Golan, Ben Gurion University; Ruby Greenwald, Georgia State University; Vishal Verma, University of Illinois

AERMOD Technical Issues

Track: AQMO, Platform – TCC: APM1
Tuesday, June 21, 2016, 4:00 PM
Room: Bolden 5
Chair: Justin Walters, Southern Company

(SESSION VICE CHAIR CHANGE):

Tony Schroeder, Trinity Consultants

Life Cycle Approaches to Sustainable Material and Resource Management

Track: SUST, Platform – TCC: SRC4
Tuesday, June 21, 2016, 4:00 PM
Room: Strand 12A
Chair: Ning Ai, University of Illinois at Chicago
Vice Chair: Sam Vigil, California Polytechnic University San Luis Obispo

(UPDATED AUTHORS):

4:00 PM
New Approach for Waste Classification System in the Emirate of Abu Dhabi, Paper# 982
Mohammad Mosa, Salem Al Braik, Ahmed Al Jassmi, Simon Pearson and Mohamed Ba Sahel, Environment Agency Abu Dhabi; Udayan Banerjee, Tadweer (The Center of Waste Management - Abu Dhabi)

Solid Waste Planning, Collection, and Landfills

Track: WAST, Platform – TCC: WMB1
Tuesday, June 21, 2016, 1:20 PM
Room: Bolden 6
Chair: David Greene, SCS Engineers
Vice Chair: Melanie Sattler, University of Texas at Arlington

(PRESENTATION TIME CHANGED TO 1:40 PM):

Preliminary Investigation of Coal Class F Fly Ash as a Final Landfill Cover to Reduce Methane Emissions, Paper# 832
Melanie Sattler, Sharon Priyadarshini, Laalithya Bondili, Amin Homaei, Niloofar Parsaeifard, Fatemeh Khalaj, Arpita Bhatt, and Paul Shover, University of Texas at Arlington

(PRESENTATION TIME CHANGED TO 2:00 PM):

Differential Absorption Lidar DIAL Measurements of Landfill Methane Emissions, Paper# 931
Fabrizio Innocenti, Rod Robinson, Tom Gardiner, Andrew Finlayson, Andy Connor, and Jess Few, National Physical Laboratory

(PRESENTATION TIME CHANGED TO 2:20 PM):

Effect of Termite Hindgut Microbe *Tav5* on Methane Production from Municipal Solid Waste Degradation, Paper# 880
Hoda Rahimi and Melanie Sattler, University of Texas at Arlington

(PRESENTATION TIME CHANGED TO 2:40 PM):

Innovative Landfill Leachate Management, Paper# 896
Leah Blinn and Russ Keckler, CB&I

(PRESENTATION TIME CHANGED TO 3:00 PM):

Solid Waste Management in Mongolia: Challenges and Opportunities, Paper# 963
Enkhdul Tuuguu, Tseren Ganbaatar, Sarantuya Jijigdsuren, and Nergui Jargal, National University of Mongolia

WEDNESDAY, JUNE 22, 2016

(SESSION TITLE CHANGE):

Community Noise and Vibration

Track: TRAN, Platform – TCC: CNV
Wednesday, June 22, 2016, 8:00 AM
Room: Bolden 2
Chair: Robert Mentzer Jr, HMMH
Vice Chair: George Noel, USDOT/Volpe Center

(8:40 PM PRESENTATION MOVED TO SESSION OMS3 ON 6/22/16 at 11:40 PM):

Assessing the Impact of Real-world Driving Cycles, Fuel Economy, and Tailpipe Exhaust Emissions on Eco-rating of Passenger Cars, Paper#1095
Nikhil Rastogi and H. Christopher Frey, North Carolina State University

(PRESENTATION TIME CHANGED TO 8:40 AM):

Port of Houston 2013 Mobile Source Emission Inventory, Paper# 870
Richard Billings, John Koupal, Rick Baker, Heather Perez, Roger Chang, Michael Sabisch, Alan Stanard, Jenneifer Sellers and Susan McClutchey, Eastern Research Group; Kenneth Gathright and Leah Oberlin, Port of Houston Authority

Meeting Sustainability Goals for Federal Facilities

Track: FEDS/SUST, Platform – TCC: FED2
Wednesday, June 22, 2016, 10:20 AM
Room: Strand 12A
Chair: Brenda P. Daniel, CH2M
Vice Chair: David Minott, Arc5 Environmental Consulting, LLC

(PRESENTATION TIME CHANGED TO 10:20 AM):

ISO 14001 Recordkeeping and the Texas National Guard's Compliance Tool Kit, Paper# 1053
Sharon K Jones, Texas Army National Guard; Melita Elmore, BSI

(PRESENTATION TIME CHANGED TO 10:40 AM):

Leveraging Dashboards to Drive Environmental Decision-Making, Paper# 892
Krista Goodale, Solution Foundry; Karen L Winnie, USAF; Andrew Wessendorf, Solution Foundry

Near Road Air Quality #2

Track: TRAN, Platform – TCC: OMS3
Wednesday, June 22, 2016, 10:20 AM
Room: Bolden 2
Chair: Helen Ginzburg, WSP | Parsons Brinckerhoff
Vice Chair: Gurdas Sandhu, Fellow, ORISE Research Program at EPA

(PRESENTATION TIME CHANGED TO 11:00 AM):

Measurement and Modeling of Road Side Black Carbon Emissions, Paper# 1026
Amal Agharkar, Mingming Lu and Emily Kang, University of Cincinnati

(PRESENTATION TIME CHANGED TO 11:20 AM):

A Modelling and Monitoring Study for Roadway Air Quality Assessment in Ontario Canada, Paper# 1032
Ahammad Ali and Michael Lepage, RWDI Air Inc.; Colin Welburn, Welburn Consulting

(PRESENTATION ADDED):

11:40 AM

Assessing the Impact of Real-world Driving Cycles, Fuel Economy, and Tailpipe Exhaust Emissions on Eco-rating of Passenger Cars, Paper#1095

Nikhil Rastogi and H. Christopher Frey, North Carolina State University

Thermal Treatment Technologies and Waste Management

Track: WAST, Platform – TCC: WMR1

Wednesday, June 22, 2016, 10:20 AM

Room: Bolden 6

Chair: Paul Lemieux, EPA

Vice Chair: Marc Cone, Maine Department of Environmental Protection

(PRESENTATION ADDED):

11:40 AM

Oxidizers, Flares, Activated Carbon and Other VOC Controls, Paper# 818

Thomas F. McGowan, TMTS Associates Inc.

Emission Factor Development #1

Track: AQES, Platform – TCC: AAE2

Wednesday, June 22, 2016, 1:40 PM

Room: Bolden 2

Chair: Chun Yi Wu, Minnesota Pollution Control Agency

Vice Chair: Stephen Boone, RTI International

(PRESENTATION ADDED):

2:40 PM

Sky-LOSA Measurements of Black Carbon Emission Factors from Associated Gas Flaring in Ecuador, Paper# 1094

Bradley M. Conrad, Darcy J. Corbin, A. Melina Jefferson, and Matthew R. Johnson, Carleton University, Ottawa, ON, Canada

(PRESENTATION ADDED):

3:00 PM

Experimental Results and Scaling of Emissions of Nitrogen Oxides from Lab-Scale Turbulent Jet Flames Methane, Propane and Natural Gas Flames, Paper# 912

A. Melina Jefferson, Darcy J. Corbin, and Matthew Johnson, Carleton University

Climate Change Inventories of Short-Lived Pollutants

Track: CLIM, Platform – TCC: CCP3

Wednesday, June 22, 2016, 1:40 PM

Room: Strand 11A

Chair: Flint Webb, Leidos

Vice Chair: Michael Conrardy, AECOM

(2:00 PM PRESENTATION MOVED TO SESSION AAE2 ON 6/22/16 at 2:40 PM):

Sky-LOSA Measurements of Black Carbon Emission Factors from Associated Gas Flaring in Ecuador, Paper# 1094

Bradley M. Conrad, Darcy J. Corbin, A. Melina Jefferson, and Matthew R. Johnson, Carleton University, Ottawa, ON, Canada

(PRESENTATION TIME CHANGED TO 2:00 PM):

A Look at Fugitive GHG Emissions Reporting and the Effects on Regulated Facilities, Paper# 1089
John Henkelman, Patrick S. Sullivan and Raymond H. Huff, SCS Engineers

Measurement of Emissions from Industrial Point Sources

Track: AQMM, Platform – TCC: AAE3

Wednesday, June 22, 2016, 4:00 PM

Room: Strand 11B

Chair: Leonard Nelms, Nelms Environmental Science & Technology

Vice Chair: Antony Chen, University of Nevada, Las Vegas/Desert Research Institute

(PRESENTATION WITHDRAWN):

4:00 PM

Analyses of Extreme Air Pollution Events Over Lahore Pakistan using Satellite and Ground Based Remote Sensing, Paper# 884

Muhammad Imran Shahzad, Nadeem Iqbal Choudary and Kalim Ullah, Department of Meteorology COMSATS Institute of Information Technology

(PRESENTATION TIME CHANGED TO 4:00 PM):

SO₂ to SO₃ Conversion Through a Gas Turbine and Guarantee Recommendations, Paper# 842
Jordan Haywood, Ramesh Kagolanu and Kyan Ali, Siemens Energy, Inc.

(PRESENTATION TIME CHANGED TO 4:20 PM):

Emission Testing Challenges, Comparison of Stack Test Results to Emission Limits and the Effectiveness of Best Practices, Paper# 1090
Kevin Crosby, Montrose Air Quality Services LLC

(PRESENTATION TIME CHANGED TO 4:40 PM):

Monitoring of Ambient Air Mercury Concentration in Areas Surrounding a Sintering Plant and a Cement Plant in Taiwan, Paper# 928
Jui-Chi Wang, Graduate Institute of Environmental Engineering National Taiwan University; Wen-Yen Cheng, Institute of Environmental Engineering and Management National Taipei University; Chien-Ping Chou, Industrial Technology Research Institute; Chao-heng Tseng, National Taipei University of Technology; Hsing-Cheng Hsi, National Taiwan University

(PRESENTATION TIME CHANGED TO 5:00 PM):

Measuring HCl Using Hot/Wet Extractive FTIR CEMS, Paper# 913
Jim Cornish and Mirja Maja, Gasmot Technologies, Antti Heikkila, Gasmot Europe Oy

Human and Environmental Effects of Air Pollution Exposure

Track: H&EE, Platform – TCC: HEE3
Wednesday, June 22, 2016, 4:00 PM
Room Strand 11A
Chair: Suresh Santanam, SU-Industrial Assessment Center
Vice Chair: J.W. Morrow

(PRESENTATION WITHDRAWN):

5:00 PM
Effect of NH₃ on the Formation of Indoor Secondary Organic Aerosols and Pulmonary Inflammation from Monoterpene/Ozone Reactions, Paper# 917
Xinyi Niu, Xi'an Jiaotong University; Yu Huang, Kin Fai Ho and Junji Cao, Institute of Earth Environment, Chinese Academy of Sciences; Shuncheng Lee, The Hong Kong Polytechnic University

New Source Review Case Studies

Track: REGU, Platform – TCC: REG9
Wednesday, June 22, 2016, 4:00 PM
Room: Strand 13B

(SESSION CHAIR CHANGE): Colin Campbell, RTP Environmental Associates, Inc.

Wastewater/Residuals Beneficial Use, Treatment and Management

Track: WAST, Platform – TCC: WMB4
Wednesday, June 22, 2016, 4:00 PM
Room: Bolden 6

Chair: Lee Lundberg, Bedrock Enterprises, Inc.
Vice Chair: David Minott, Arc5 Environmental Consulting, LLC

(PRESENTATION TITLE CHANGE):

4:00 PM
Life Cycle Analysis of Renewable Natural Gas and Hydrocarbon Fuels from Wastewater Treatment Plant's Sludge, Paper# 824
Uisung Lee and Jeongwoo Han, Argonne National Laboratory

(UPDATED AUTHORS):

5:20 PM
The Implications of the Use of the Investigation Reporting Module (IRM) on Environmental Pollution in Abu Dhabi Emirate: Case Study of Illegal Sewage Discharge to the Marine Environment, Paper# 1208
Dr. Humaid A. Al-Kindi, Suzan A. Al-Ghanem and Jasem Al-Shehhi, Environment Agency-Abu Dhabi; Mark B. Turner, Ahmed Rady, RTI International-Abu-Dhabi

THURSDAY, JUNE 23, 2016

Data Requirements Rule and Attainment Modeling

Track: AQMO, Platform – TCC: APM7
Thursday, June 23, 2016, 8:00 AM
Room: Bolden 5
Chair: Dave Heinold, AECOM
Vice Chair: Gale Hoffnagle, TRC Environmental Corporation

(UPDATED AUTHORS):

8:00 AM
Mid-2016 Progress Report: Implementation of the 1-hour SO₂ NAAQS, Paper# 934
Robert J. Paine and Jeffrey A. Connors, AECOM

International Air Quality Issues #1

Track: REGU, Platform – TCC: REG11
Thursday, June 23, 2016, 8:00 AM
Room: Bolden 2
Chair: Christina Akly, NextEra Energy

(UPDATED AUTHORS):

8:00 AM
One Size Does Not Fit All: An Alternative Way to Evaluate GHG Emissions Reductions, Paper# 964
Salem Al Braik and Mohammad Sa'dat Alam, Environment Agency Abu Dhabi; Robert Zerbonia and Leslie Bellas, RTI International-Abu Dhabi

(UPDATED AUTHORS):

9:20 AM
Emissions Standards Development in the Emirate of Abu Dhabi, Paper# 969
Salem Al Braik, Mohammad Sa'dat Alam and Abdulla Mohammed Al Rumaithi, Environment Agency Abu Dhabi; Robert Zerbonia and Leslie Bellas, RTI International-Abu Dhabi

Air Pollution Control Applications

Track: AQCT, Platform – TCC: AAC6
Thursday, June 23, 2016, 10:00 AM
Room: Strand 13B
Chair: Minh Pham, SCAQMD
Vice Chair: Hardik Shah, Southern Environmental Inc.

(10:00 AM PRESENTATION MOVED TO SESSION WMR1 ON 6/22/16 at 11:40 AM):

Oxidizers, Flares, Activated Carbon and Other VOC Controls, Paper# 818
Thomas F. McGowan, TMTS Associates Inc.

(PRESENTATION TIME CHANGED TO 10:00 AM):

Sulfite Oxidation in Flue Gas Scrubbing —A Tutorial Using Literature Data, Paper# 952
Robert G. Kunz, RGK Environmental Consulting LLC; Paul Farber, P. Farber & Associates, LLC

(PRESENTATION TIME CHANGED TO 10:20 AM):

Commercial Operation of Electrostatic Precipitator High Frequency Energization in Intermittent Energization Mode at Labadie Energy Center Units 1 & 2, Paper# 1012
David E. Boll and Nicolas Pelech, Ameren Missouri; P. E. Mick Chambers and Hardik Shah, Southern Environmental Inc.; Gary J. Grieco, Air Consulting Associates, LLC

(PRESENTATION TIME CHANGED TO 10:40 AM):

Value of Integrating Air Regulatory Compliance and Air Pollution Control With Business Strategies, Paper# 1092
Ravi Bhatia, Chris Rodgers and Mike Adams, Antea Group

(PRESENTATION WITHDRAWN):

Photocatalytic Removal of NO_x over a-Bi₂O₃/(BiO)₂CO₃ Heterojunctions with Tunable Activity, Paper #882
Yu Huang, Wei Wang, and Junji Cao, Institute of Earth Environment, Chinese Academy of Sciences

What Direction is EPA Taking the Utility Sector?

Track: POWR, Panel – TCC: PWR4
Thursday, June 23, 2016, 10:00 AM
Room: Bolden 5
Chair: Peter Belmonte, TRC Solutions
Vice Chair: Rick Johnson, Entergy

(UPDATED PANELISTS):

- Peter Belmonte, TRC Solutions
- Brian Kolts, FirstEnergy Corp
- Justin Walters, Southern Company
- Rick Johnson, Entergy
- Rich Alonso, Bracewell LLP
- Mark Johnson, TRC

Air Quality Regulatory Issues in Abu Dhabi

Track: REGU, Platform – TCC: REG14
Thursday, June 23, 2016, 10:00 AM
Room: Bolden 2

(SESSION CHAIR CHANGE):

Sandra Pierce, RTI International

(SESSION VICE-CHAIR CHANGE):

Camille Heaton, RTI International

(PRESENTATION TITLE CHANGE):

10:00 AM
Environmental Monitoring Reports for Power and Desalination Plants - Abu Dhabi UAE, Paper# 1035
Zied Bousserouel and Fadi Elayyan, RTI International-Abu Dhabi; Omar Ahmad Al-Braiki, Environment Agency-Abu Dhabi

(UPDATED AUTHORS):

10:20 AM
Process Design Criteria in the Specific Conditions of EAD Environmental Permits for Industrial Facilities, Paper# 1040
Zied Bousserouel, Hani G. Abdalla, and Saif Dulaimi, RTI International-Abu Dhabi; Maha A. Al Yafej, Environment Agency Abu Dhabi

(UPDATED AUTHORS):

10:40 AM
Implementation of the Holistic Compliance and Enforcement System and the Judicial Referral of the First Case in Abu Dhabi, Paper# 984
Mark B. Turner and Ahmed S. Rady, RTI International-Abu Dhabi; Dr. Jesse Baskir, RTI International; Khalid Al Hajeri and Ahmed Al Waheebi, Environment Agency-Abu Dhabi

(UPDATED AUTHORS):

11:00 AM
Benchmarking of Environment Agency Environmental Protection Program in the Emirate of Abu Dhabi with the Different Environmental Programs in the United States, Paper# 1011
Hani Abdalla and Ahmed S. Rady, RTI International-Abu Dhabi; Dr. Jesse Baskir, RTI International; Faisal Al Hammadi and Khalid Al Hajeri, Environment Agency-Abu Dhabi

(SESSION CANCELLED):**Air Quality Work in Indian Country**

Track: FEDS/REGU, Panel – TCC: IEA1
Thursday, June 23, 2016, 1:30 PM
Room: Bolden 6
Chair: Charlie Lippert, Mille Lacs Band of Ojibwe

Air Toxics Regulations

Mini-Symposium
Panel – TCC: REG3
Thursday, June 23, 2016, 3:30 PM
Room: Strand 10A/B
Chair: Paul Siebert, Weston Solutions, Inc.

(UPDATED PANELISTS):

- Joshua Marteny, Zephyr Environmental Corporation
 - Melvin Keener, Coalition for Responsible Waste Incineration
 - Ted Palma, EPA OAQPS
 - Drew McClay, Citizens Energy Group
-

Control of Dust, Odor, and Indoor Air Pollution

Track: AQCT, Platform – TCC: AAC7

Thursday, June 23, 2016, 3:30 PM

Room: Strand 11A

Chair: Arijit Pakrasi, CB&I

(PRESENTATION WITHDRAWN):

A Study on the Indoor Air Pollution Control

Technology using Semi-Bio Filter System,

Paper# 1248

Heekwan Lee, Jonghung Park, Rajib Pokhrel and Indira Parajuli, Incheon National University, South Korea

(SESSION CANCELLED):**Waste Management Work in Indian Country**

Track: FEDS/WAST, Panel – TCC: IEA2

Thursday, June 23, 2016, 3:30 PM

Room: Bolden 6

Chair: Charlie Lippert, Mille Lacs Band of Ojibwe

Emissions Impacts and Control Technologies Related to Oil and Gas Exploration and Production

Track: O&GS, Platform – TCC: CHE12

Thursday, June 23, 2016, 3:30 PM

Room: Strand 11B

Chair: Brian Boyer, BTGap, LLC

(4:10 PM PRESENTATION MOVED TO SESSION AAE2 ON 6/22/16 at 3:00 PM):

Experimental Results and Scaling of Emissions of Nitrogen Oxides from Lab-Scale Turbulent Jet Flames Methane, Propane and Natural Gas Flames, Paper# 912

A. Melina Jefferson, Darcy J. Corbin, and Matthew Johnson, Carleton University

(PRESENTATION TIME CHANGED TO 4:10 PM):

Monitoring of GHG VOC and Odour Compounds using OP-FTIR in the Oil Sands Region in Alberta - A Case Study, Paper# 1243

Lucas Zhang, Long Fu, Quamrul Huda, and Zheng Yang, Alberta Environmental Monitoring, Evaluation and Reporting Agency; Zaher Hashisho, University of Alberta

(PRESENTATION TIME CHANGED TO 4:30 PM):

Computational Cost of Adjoint-Based Pollutant Source Characterization in OpenFOAM, Paper# 1084

Carol Brereton, Matthew R. Johnson, and Lucy J. Campbell, Carleton University

Case Studies in Emission/Energy Reduction Strategies

Track: REGU, Platform – TCC: EPE

Thursday, June 23, 2016, 3:30 PM

Room: Strand 13B

Chair: Heidi Rous, ESA PCR

(3:50 PM PRESENTATION MOVED TO POSTER SESSION ON 6/21/16 at 10:00 AM-11:45 AM):

Variations in the NO_x Emissions for Moving Transit Buses with EGR and Non-EGR Engines, Paper# 1073

Manideep Yarlagadda, Ashok Kumar, Dong-Shik Kim, and Ruthwik Junuthula, The University of Toledo

(PRESENTATION TIME CHANGED TO 3:50 PM):

The Development of System Dynamics Model for Polycyclic Aromatic Hydrocarbons (PAHs) Flow and the Co-benefits of Pollution Reduction, Paper# 1160

Ya Ting Fan, Chao-Heng Tseng, and Wei-Ren Zeng, National Taipei University of Technology, Taiwan

(PRESENTATION TIME CHANGED TO 4:10 PM):

Air Pollution Reductions Resulting from Energy Efficiency Improvements in Small- and Medium-scale Manufacturing Facilities, Paper# 942

Suresh Santanam, SU-Industrial Assessment Center

**STUDENT / ECI POSTERS
AND STUDENT EVENTS**

STORVILLE HALL

**TECHNICAL POSTERS
AND PRESENTATIONS**

