

# ACE 2018 Final Program Addendum

## Added Exhibitors

### **Tetra Tech, Booth #326**

www.tetrattech.com

Tetra Tech's innovative, sustainable solutions help its clients address their air quality, environment, energy, resource management, and infrastructure challenges throughout the project life cycle. We are proud to be home to leading technical experts in every sector and to combine our global resources with local, client-focused delivery.

### **Pine Environmental, Booth # 227**

www.pine-environmental.com

Pine Environmental is the industry leader providing environmental monitoring, non-destructive evaluation, and continuous emissions monitoring rental equipment, supplies, and services. Pine has built capabilities and resources we call The Pine Advantage to best serve our customers over 37 + branches across North America; broad equipment availability; complimentary delivery pickup and local technical support and training.

## Additional Sponsor Recognition



Co-sponsor of the Tuesday afternoon refreshment break in the Exhibit Hall

## **TUESDAY, JUNE 26 CHANGES**

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**New location for Past President's Lunch: Tuesday, June 26, 11:30 am – 1:30 pm**  
The lunch has been moved from Vivo Restaurant in the Marriott to **Room 26 at the Convention Center.**

## Technical Poster Session and Student Poster Changes

UPDATED TITLE AND AUTHORS (p. 43)

### **Conversion of Waste Bamboo Chopsticks to Liquid Fuel via Hydrothermal Treatment and Solvent-assisted Liquefaction with Ethanol and Isopropanol**

Paper # 410389

*Chia-Chi Chang, Cherng-Shiun Yang, Yen-Hau Chen, Ching-Yuan, Chang, Ke Li, Michael Huang, Chi-Pai Chen, Bo-Liang Liu, Van Toi Pham: Graduate Institute of Environmental Engineering, National Taiwan University, Taiwan*

CANCELLED (p. 44)

### **Studying the Impact of A Wildfire Case On Local Air Quality By Using A High Resolution Numerical Modeling Approach**

Paper #433562 (Student Poster #16)

*Ehsan Mosadegh: Desert Research Insititute*

## WEDNESDAY, JUNE 27 CHANGES

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### **TCC Meeting Room Changes (p. 18)**

<b>Wednesday, June 27, 2018, 12:05pm-1:20pm</b>	<b>APM</b> -Atmospheric Modeling & Meteorology	<b>27</b>
	<b>CCI</b> -Climate Change Impacts & Adaptation, <b>CCP</b> -Climate Change Policy, Strategy & Regulations	<b>22</b>
	<b>CNV</b> -Community Noise & Vibration, <b>OMS</b> -On & Off Road Mobile Sources, <b>PLU</b> -Transportation Policies & Land Use (incorrectly listed in 11)	<b>14</b>
	<b>NAN</b> -Nanotechnology (incorrectly listed in 12-13)	<b>11</b>
	<b>ODR</b> -Odors (incorrectly listed in 15)	<b>12-13</b>
	<b>SRC</b> -Resource Conservation, <b>SUS</b> -Sustainability (incorrectly listed in 17)	<b>15</b>
	<b>WMB</b> -Waste Resource Recovery, Processing & Bioenergy, (incorrectly listed in 16) <b>WMR</b> -Waste Characterization & Site Remediation (correct)	<b>17/*17 (WMB) 16(WMR)</b>

### **Biomass Burning and Carbon Issues in Visibility Analysis (p. 56)**

Track: AQMM

Room: 14

6/27/2018, 8:00 AM

**Platform** – TCC: APV

**Chair:** David Long, American Electric Power Service Corporation

**Vice Chair:** Jenny Hand, Colorado State University

*PAPER ADDED:*

**9:00 AM**

#### **Investigation of Black and Brown Carbon Multi-wavelength Dependent Light Absorption in Southeast Tibetan Plateau Paper # 410422**

*Zhuji Zhao: Key Laboratory of Aerosol Chemistry, Chinese Academy of Sciences, Research Center for Advanced Air Technology, China Yancheng Environmental Protection Science and Technology City, Jiangsu, China; Junji Cao: Key Laboratory of Aerosol Chemistry, Chinese Academy of Sciences, Institute of Global Environment Change, Xi'an Jiaotong University, China; Antony L.-W. Chen: University of Nevada, Las Vegas; Qiyuan Wang: Key Laboratory of Aerosol Chemistry, Chinese Academy of Sciences; Xiaoliang Wang: Desert Research Institute*

**SESSION TITLE CHANGE:** Wed AM 2 Session “The Journey to a Sustainable Business Model” changed to “**Setting Priorities in Sustainability**” (p. 54 grid)

### **Setting Priorities in Sustainability (p. 61)**

Track: SUST/INDU

Room: 15

6/27/2018, 10:20 AM

**Panel** – TCC: SUS/PIM

**Chair:** Nancy Kralik, Fluor Corp.

**Vice Chair:** Ashley Sapyta, S&ME, Inc.

REVISED PANELISTS

- *Jeff Senne: PwC*
- *Mark Terril: PPG (replaced Mark Cancilla: PPG)*
- *Nancy Kralik: Fluor Corp.*
- *Gib Hedstrom: Hedstrom Associates*

## **Development of Sustainable Supply Chains (p. 65)**

Track: SUST

Room: 15, 6/27/2018, 1:35 PM

**Panel** – TCC: SUS

**Chair:** Ashley Sapyta, S&ME, Inc.

### *UPDATED PANELISTS*

- *Craig Dikeman: Eversource Energy (replaced Scott Macmurdo: NRG)*
- *Mark Terril: PPG (replaced Mark Cancilla: PPG)*
- *Ricardo Gonzalez Llera: IBM*

## **Industry and NGO Interactions in Developing Sustainability Goals (p. 66-67)**

Track: MINI/SUST/INDU

Room: 12-13, 6/27/2018, 4:00 PM

**Panel** – TCC: SUS/PIM

**Chair:** Nancy Kralik, Fluor Corp.

**Vice Chair:** Ashley Sapyta, S&ME, Inc.

### **REVISED PANELISTS**

- *Gretchen Hancock: Stanley Black & Decker (added)*
- *Art Helmus: Connecticut Chapter of the Sierra Club*
- *Scott Schwenk: Connect the Connecticut, US Fish & Wildlife Service (added)*

## **THURSDAY 6/28 CHANGES**

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### **Innovative Modeling Applications & Techniques: Regulatory Applications (p. 73)**

Room: 25, 6/28/2018, 8:00 AM

**Platform** – TCC: APM/REG

**Chair:** Justin Walters, Southern Company

**Vice Chair:** Carlos Szembek, ERM

**MOVED PRESENTATION** to Innovative Modeling Applications & Techniques: Innovative Techniques (p.79) 6/28, 1:30 PM

### **9:20 AM**

#### **Use of Wind Tunnel Refinements in the Dispersion Modeling Analysis of the Alaska LNG Gas Treatment Plant**

Paper # 438252

*Sergio Guerra: GHD; Ron Petersen: CPP; Jim Pfeiffer: BP/Alaska Gasline Development Corporation*

### **Innovative Modeling Applications & Techniques: Innovative Techniques (p. 79)**

Room: 24, 6/28/2018, 1:30 PM

**Platform** – TCC: APM

**Chair:** Pete Catizone, Woodard & Curran

**Vice Chair:** Matthew Jones, Woodard & Curran

*NO CHANGE:*

### **1:30 PM**

#### **An Exceptional Event Screening Tool to Estimate Natural Impacts on Ozone Exceedances**

Paper # 409244

*Chantelle Lonsdale, Matthew Alvarado, Christopher Brodowski, Richard Pernak, John Henderson: Atmospheric and Environmental Research*

*CANCELLED:*

### **1:50 PM**

#### **Development of System Dynamics Model for Mercury and Dioxin Flow**

Paper # 405065 *Yun-Ting Chen, Chao-Heng Tseng: Institute of Environmental Engineering and Management, National Taipei University of Technology, Taiwan*

**ADDED PRESENTATION** (from Innovative Modeling Applications & Techniques: Regulatory Applications (p.73) 6/28, 8:00 am

**1:50 PM**

**Use of Wind Tunnel Refinements in the Dispersion Modeling Analysis of the Alaska LNG Gas Treatment Plant**

Paper # 438252

*Sergio Guerra: GHD; Ron Petersen: CPP; Jim Pfeiffer: BP/Alaska Gasline Development Corporation*

NO CHANGE:

**2:10 PM**

**Mapping the Health Effects of Air Purification with Surface Source**

Paper # 405050

*Yun-Ting Chen, Yun-Ting Chen, Ling-Ling Chen, Chao-Heng Tseng: Institute of Environmental Engineering and Management, National Taipei University of Technology, Taiwan*

**Sustainability Metrics, Initiatives, and Analytics (p.82)**

Track: SUST/INDU

Room: 15, 6/28/2018, 1:30 PM

**Platform** – TCC: SUS/PIM

**Chair:** Ram Ramanan, Desert Research Institute

**Vice Chair:** Georges Bou-Saab, Iowa State University

NO CHANGE:

**1:30 PM**

**Evaluation of Fueling Our Future Program: Emission Analysis for Different Market Penetration Scenarios of Ethanol Blends in Iowa**

Paper # 411149

*Georges Bou-Saab, Shauna Hallmark, Jing Dong, Willine Richardson: Iowa State University*

CANCELLED:

**1:50 PM**

**Carbon Intensity Metrics: Setting Strategic and Meaningful Performance Goals**

Paper # 416829

*Christopher Easter: Environmental Sciences Associates (ESA)*

UPDATED TIMES:

**1:50 PM**

**Life Cycle Environmental Impact of Onshore and Offshore Wind Farms in Texas: Sensitivity Analysis for Material and Manufacturing Stages**

Paper # 410796

*Raghava Kommalapati: Prairie View A&M University; Jesuina Chipindula, Venkata Botlaguduru, Hongbo Du: Center for Energy & Environmental Sustainability, Prairie View A&M University*

**2:10 PM**

**Evaluation of Fueling Our Future Program: Consumer Acceptance of Biofuels in Iowa**

Paper # 411037

*Willine Richardson, Georges Bou-Saab, Shauna Hallmark, Jing Dong: Iowa State University*

**2:30 PM**

**Stormwater Impacts to an Urban River in the Intermountain West: the Use of Continuous Monitoring Datasets**

Paper # 410122

*R. Ryan Dupont, Jacob Richardson, Darianne Willey: Utah State University*

**2:50 PM**

**Corporate Air Quality Data & Reporting: Beyond Compliance to Increased Business Value**

Paper # 410866

*Linda Kemp, Nicole Sullivan: Arcadis U.S., Inc.; Brad Micheel: E2 Manage Tech, Inc. (an Arcadis Company)*