

SUNDAY, JANUARY 31, 2016 (Please note all times subject to updating)	
1:00pm – 6:00pm	Registration Opens - Outside of Indian Wells Ballroom
2:00pm – 4:00pm	Poster Set-up - East Foyer
2:00pm – 4:00pm	Table-top Set-up
5:00pm – 7:00pm	Welcome Reception - Grand Salon A-D

MONDAY, FEBRUARY 1, 2016 (Please note all times subject to updating)		
7:00am – 6:00pm	Registration Opens - Outside of Indian Wells Ballroom	
7:30am – 8:45am	Continental Breakfast - Indian Wells Ballroom	
9:00am – 10:15am	Welcome & Keynote Speaker: Jacques Franco, Science & Policy Fellow, UC Davis Policy of Institute for Energy, Environment and the Economy - Indian Wells Ballroom	
10:30am – 12:00pm	SESSION ONE	
TRACK A Desert Vista A & B	Landfill Covers Moderator: Jeroen Pieterse, Tetra Tech.	TRACK B Desert Vista D & E
		Leachate Treatment: Strategies & Case Studies Moderator: Kevin Torrens, Brown & Caldwell
		TRACK C Organics Diversion Moderator: Pinjing He, Tongji Univ.
<i>Establishing Biocover Systems at Landfills for Greenhouse Gas Mitigation: State-of-the-Art</i> — Peter Kjeldsen, Technical Univ. of Denmark		<i>High Strength MSW Leachate to Near Drinking Water Quality? Yes and Sustainable!</i> — Kevin Torrens, Brown and Caldwell
<i>Using Modified NSPS Surface Emissions Monitoring & CH₄ Concentrations to Reduce Odorous Compounds Through Landfill Covers</i> — Kyle Nay, Cornerstone Environmental Group		<i>Lessons Learned on the Start-up and Operation of Two Leachate Treatment Plants</i> — Francis DeOrio, O'Brien & Gere LLC
<i>Development of a Willow-based Evapotranspiration Cover System</i> — Cambria Ung, O'Brien & Gere LLC		<i>Evaluation of leachate treatment processes at typical Municipal Solid Waste landfills in China</i> — Dongbei Yue, Tsinghua Univ.
<i>Evaluation of Landfill Gas Collection Potential for Closed Landfills with Evapotranspiration Soil as Final Cover</i> — Hala Sfeir, Brown & Caldwell		<i>Leachate treatment to freshwater and solids in a reliable, low energy process</i> — Benjamin Sparrow, Saltworks Technologies Inc.
12:00pm – 2:00pm		Lunch & Poster Viewing. Luncheon Speaker: Barnes Johnson, Directory of the Office of Resource Conservation and Recovery, U.S. Environmental Protection Agency (EPA) - Indian Wells Ballroom East Foyer
2:00pm – 4:00pm		
SESSION TWO		
TRACK A Desert Vista A & B	Recycling Moderator: Jim Levis, NC State Univ.	TRACK B Desert Vista D & E
		Elevated Landfill Temperatures Moderator: Greg Ckander, Waste Management
<i>Impacts of a Change from Dual Stream to Single Stream Recycling</i> — David Tonjes, State Univ. of New York-Stonybrook		<i>Mapping Elevated Temperatures in Municipal Solid Waste Landfills</i> — Navid Jafari, Louisiana State Univ.
<i>Investigating Recycling Participation and Demographic Trends Using RFID Cart Data</i> — Debra Kantner, EREF		<i>A Potential Process Occurring in MSW Landfills with Elevated Temperatures</i> — Henry Kerfoot, Civil & Environmental Consultants, Inc.
<i>Solid Waste and Recycling Management Strategy: Taipei and Hong Kong Perspectives</i> — Michelle Fok, Hong Kong Univ. of Science and Technology		<i>Developing an Understanding of Pyrolytic Reactions in MSW Landfills</i> — Marco Castaldi, City Univ. of New York
<i>Landfill Mining of Shredder Waste in Denmark – SHERMAN Case at AV Miljø Landfill</i> — Rene Rosendal, Danish Waste Solutions		<i>Understanding and Predicting Temperatures in Municipal Solid Waste Landfills</i> — Mort Barlaz, N.C. State Univ.
<i>Advances in Waste to Energy Ash Recycling: An Evaluation of On-Going Efforts in Pasco County, Florida</i> — Justin Roessler, Univ. of Florida		<i>Heat Extraction from a Landfill</i> — Brian Power, Bridgton Landfill LLC/Republic Services
4:00pm – 4:30pm		Coffee Break - Indian Wells Ballroom
4:30pm – 5:30pm		
SESSION THREE		
Panel on Elevated Temperature Landfills		Panel on The Future of Recycling Programs
5:30pm – 7:00pm		Reception & Poster Viewing - Verde Vista Terrace East Foyer

TUESDAY, FEBRUARY 2, 2016 (Please note all times subject to updating)

7:00am – 8:15am	Continental Breakfast - Indian Wells Ballroom				
8:30am – 10:00am	SESSION FOUR				
TRACK A Desert Vista A & B	<i>Gas Collection & System Management</i> Moderator: <i>Bill Held, CEC</i>	TRACK B Desert Vista D & E	<i>Waste Management Planning</i> Moderator: <i>Kurt Shaner, Waste Connections</i>	TRACK C Grand Salon A-D	<i>Coal Combustion Residuals I</i> Moderator: <i>Scott Grieco, O'Brien & Gere LLC LLC</i>
<i>Power and Pitfalls of Landfill Gas Monitoring Data Analysis and Visualization Techniques – A Selection of Data Visualization Case Studies — David Penoyer, Republic Services</i>		<i>Proactive Development/Evaluation of Solid Waste Management Strategies in Response to Future Electricity, Fuel & Transportation Systems — James Levis, N.C. State Univ.</i>		<i>Introduction to Coal Ash Management — Kirk Ellison, Southern Company Services Inc.</i>	
<i>Assessing and Improving Landfill Gas Management Systems – A Case Study — Kevin Brown, Golder and Associates</i>		<i>Estimating U.S. Waste Generation & the Impact of Solid Waste Policies/Goals — Bryan Staley, EREF</i>		<i>Evaluating Effectiveness and Permanence of Selenium Treatment in a Bag House Material Matrix Using an Aqueous-Mediated Zero Valent Iron Reaction — Scott Grieco, O'Brien & Gere LLC LLC</i>	
<i>Evaluation of Landfill Gas Recovery Systems: Case Study for Two Ghana Landfills — Melanie Sattler, Univ. of Texas at Arlington</i>		<i>Infectious (Ebola) Medical Waste Management – Safe Handling, Treatment, and Disposal — Rich Thompson, Republic Services</i>		<i>Impact of Chloride Salts on Metal Leaching from a Bituminous Coal Fly Ash — Jay Renew, Georgia Tech. Univ.</i>	
<i>Small Changes Matter — Cyndi Neitzel, Cornerstone Environmental Group</i>		<i>Waste Management in Sudan: A Case of Waste Characterization in Khartoum State — Hassan Mofadel, Kenana Sugar Company Ltd.</i>		<i>Technology Breakthroughs in Coal Combustion Byproduct Transport, Deposition, and Landfill Management using Paste Encapsulation — Kirk Ellison, Southern Company Services Inc.</i>	
10:00am – 10:30am	Coffee Break - Indian Wells Ballroom				
10:30am – 12:00pm	SESSION FIVE				
TRACK A Desert Vista A & B	<i>Landfill Gas Modeling</i> Moderator: <i>Peter Kjeldsen, DTU</i>	TRACK B Desert Vista D & E	<i>Anaerobic Digestion</i> Moderator: <i>Susan DeLong, Colorado State Univ.</i>	TRACK C Grand Salon A-D	<i>Coal Combustion Residuals II</i> Moderator: <i>Ching-Hua Huang, Georgia Tech.</i>
<i>No More California Dreaming: Realistic Modeling of Landfill CH4 Generation and Emissions — Jean Bogner, Univ. of Illinois Chicago</i>		<i>Co-Digestion of Food Wastes and WRRF Residuals — Mark Greene, O'Brien & Gere LLC</i>		<i>Hydraulic Conductivity of Geosynthetic Clay Liners to Leachates from Disposal Facilities for Coal Combustion Products — Craig Benson, Univ. of Virginia</i>	
<i>How Much Methane is Emitted from Landfills? A Comparison of Field Measurements to Gas Production Models — Florentino de la Cruz, NC State Univ.</i>		<i>Anaerobic Digestion of MSW Organics: State of Practice — Bryan Staley/Debra Kantner, EREF</i>		<i>Optimization of Iron Reduction in Coupling with Solidification/Stabilization Process to Immobilize Heavy Metals in Concentrated Flue Gas Desulfurization Brines — Wenlong Zhang, Georgia Institute of Technology</i>	
<i>Estimating the effects of organic waste diversion on landfill methane recovery and emissions from U.S. landfills — Alex Stege, SCS Engineers</i>		<i>Advancing Multi-stage Anaerobic Digestion Technologies through Improved Hydrolysis Processes — Susan De Long, Colorado State Univ.</i>		<i>Hydraulic Conductivity of Compacted Clay Liners to Leachates from Disposal Facilities for Coal Combustion Products — Craig Benson, Univ. of Virginia</i>	
<i>Modernizing Methane Generation Models and Characterizing the Uncertainty from Select U.S. Landfills — Wenjie Sun, Southern Methodist Univ.</i>		<i>Enhanced Methane Production in Solid-State Anaerobic Digestion through Bioaugmentation — Gregory Hinds, Univ. of South Florida</i>		<i>Immobilization of Heavy Metals by Solidification / Stabilization in Co-Disposed Coal Fly Ash and Concentrated Flue Gas Desulfurization Wastewater Brines — Jay Renew, Georgia Tech Univ.</i>	
12:00pm – 1:30pm	Lunch & Poster Viewing: Luncheon Speaker - Michael E. Hoffman, Managing Director, Environmental Services Research, Stifel - Indian Wells Ballroom East Foyer				
1:30pm – 2:30pm	SESSION SIX				
TRACK A Desert Vista A & B	<i>Leachate Treatment Processes</i> Moderator: <i>Wenjie Sun, Southern Methodist Univ.</i>	TRACK B Desert Vista D & E	<i>Landfill Operations I</i> Moderator: <i>Elena Goodhal, Republic Services</i>	TRACK C Grand Salon A-D	<i>Post-Closure Care</i> Moderator: <i>Jeremy Morris, Geosyntec Consultants</i>
<i>Sensitivity Analysis and Model Calibration for Biological Process Modeling of Landfill Leachate Treatment Processes — Sara Arabi, Environmental Operating Solutions, Inc.</i>		<i>Evaluation of a Leachate Collection System Buried under Class III Waste for over 25 Years — Ravi Kadambala, SCS Engineers</i>		<i>Case Study for Prediction of a Performance-Based PCC Term for LFG Collection — Michael Caldwell, Waste Management</i>	
<i>Advancements in Leachate Phyto-Utilization Systems –Full-Scale Case Studies and Lessons Learned — Brad Granley, Leachate Management Specialists</i>		<i>Using Horizontal Extraction Wells to Contain Leachate Plumes Near Landfills — William Soukup, Cornerstone Environmental Group</i>		<i>Postclosure Monitoring of Earthen-Covered Landfills Using Publicly Available Remote Sensing Imagery — Christopher Stohr, Univ. of Illinois at Urbana</i>	
<i>Operating Data and Modeling Results from an MBR/RO Pilot System Treating Landfill Leachate — Mark Sposato, O'Brien & Gere LLC LLC</i>		<i>The California New Industrial Permit and the Solid Waste Industry — Sean Porter, Brown and Caldwell</i>		<i>Ash Landfill Residential Redevelopment – A Case Study — Joseph Nemes, Cornerstone Environmental Group</i>	
2:30pm – 3:00pm	Coffee Break - Indian Wells Ballroom				
3:00pm – 5:00pm	SESSION SEVEN				
TRACK A Desert Vista A & B	<i>Leachate to POTWs - UV Interference</i> Moderator: <i>Renzun Zhao, Lamar University</i>	TRACK B Desert Vista D & E	<i>Landfill Emissions</i> Moderator: <i>Roger Green, Waste Management</i>	TRACK C Grand Salon A-D	<i>Emerging Regulatory Issues for MSW Landfills</i> Moderator: <i>Steve Menoff, Civil Environmental Consultants, Inc.</i>
<i>UV Interference in Leachate and Treatment Alternatives — Ivan Cooper, Civil & Environmental Consultants, Inc.</i>		<i>Accuracy of Whole-Landfill Methane Emission Estimates with Tracer Gas Correlation Technique — Paul Imhoff, Univ. of Delaware</i>		<i>Panel on Emerging Regulatory Issues — Amy Banister, Waste Management, Inc.; Craig Dufficy, U.S. Environmental Protection Agency; Kerry Kelly, Waste Management, Inc.; Niki Wuestenberg, Republic Services</i>	
<i>Characterizing UV-Absorbing Dissolved Organic Matters (DOMs) in Municipal Landfill Leachate — Chanil Jung, Montclair State Univ.</i>		<i>Numerical 3D-simulation correlation between temperature, gas production and gas potential — Sebastian Schmuck, Univ. of Duisburg-Essen</i>			
<i>Organics in Landfill Leachate: The Pros (UV Transmittance Improvement) and Cons (Organic Fouling) of using RO Following Biological Treatment — Scott Grieco, O'Brien & Gere LLC LLC</i>		<i>Experimental Determination of Emissions of F-Gases from a MSW Landfill — James Hanson, California Polytechnic State</i>			
		<i>Gas Push-Pull Test and its Application to Assess Methane Oxidation in Landfill Soil Covers — Tarek Abichou, Florida State Univ.</i>			
5:00pm – 6:30pm	Reception & Poster Viewing - Verde Vista Terrace East Foyer				

WEDNESDAY, FEBRUARY 3, 2016 (Please note all times subject to updating)

7:00am – 8:15am	Continental Breakfast - Indian Wells Ballroom		
8:30am – 10:00am	SESSION EIGHT		
TRACK A Desert Vista A & B	E & P Wastes Moderator: <i>Jay Warzinski, Advanced Disposal</i>	TRACK B Desert Vista D & E	TRACK C Grand Salon A-D
		Landfill Operations II Moderator: <i>Garth Bowers, Cornerstone Environmental Group</i>	Landfill Gas: Standards, Incentives & Litigation Moderator: <i>Brad Peake, QED Environmental</i>
<i>Design and Operational Considerations for Managing E&P Oil Field Waste in Municipal Solid Waste Landfills — Marcos Elizondo, WCA Waste Corporation; Jeffrey Reed, SCS Engineers</i>		<i>Wind Uplift Calculation for Exposed Geomembranes: an Enhanced Design Methodology — Ranjiv Gupta, Geosyntec Consultants</i>	
<i>HDPE Lined Produced and Frac-Flowback Water Evaporation Ponds — Neil Nowak, SCS Engineers</i>		<i>State Minimum Standards: Landfill Gas Migration at Former Disposal Sites 1999-2015 — Sabra Ambrose, CalRecycle</i>	
<i>Gas/Oil Exploration & Production Waste Effect on Leachate Quality and Treatment — Eric Chiado, Civil & Environmental Consultants, Inc.</i>		<i>RNG, RFS, RINs and RECs - The Four Rs of Landfill Gas to Energy — Bill Held, Civil & Environmental Consultants, Inc.</i>	
<i>A Case History of Accelerated Geosynthetic Procurement, Design, Construction & Certification For Unique Closure Application — Christopher Eichelberger, Agru America</i>		<i>Evaluating Impacts from Landfill Gas in a Litigation Setting — Patrick Sullivan, SCS Engineers</i>	
10:00am – 10:15am	Coffee Break - Indian Wells Ballroom		
10:15am – 11:45am	SESSION NINE		
TRACK A Desert Vista A & B	Landfill Gas Management Moderator: <i>Brad Gardner, SCS Engineers</i>	TRACK B Desert Vista D & E	Leachate/Condensate Management Moderator: <i>Marcos Elizondo, WCA</i>
<i>Landfill Gas Well Liquids and Gas Yield — Terry Johnson, Waste Management, Inc.</i>		<i>Reducing Phenol Concentrations in Landfill Gas Condensate Using Ozone Oxidation — Stephanie Goodman, Republic Services</i>	
<i>Impact of Meteorological Parameters on Extracted Methane Concentration at Landfills — Ehsan Fathi Aghdam, Technical Univ. of Denmark</i>		<i>Effect of High Calcium Concentration on MSW Landfill Leachate Treatment by Activated Sludge — Zhang Hua, Tongji Univ.</i>	
<i>Assessing landfill gas age and attenuation characteristics – Geochemical constraints from a municipal solid waste landfill in Southern California — Benjamin Hagedorn, California State Univ., Mark Verwiel, Waste Management, Inc.</i>		<i>Leachate Dewatering Alternatives for Variable Flows and Case Study — Ron Ruocco, Civil & Environmental Consultants, Inc.</i>	