### Tuesday April 9, 2013

**MORNING**
- 7:30 AM – 9:00 AM: Continental Breakfast  
  **Sponsored by Recology**  
  **ROOM NAME**: Golden Ballroom  
- 9:00 AM – 10:15 AM: Opening Plenary: The Sustainable Path Forward  
  **ROOM NAME**: Pacific Salon One, Two, Three  
- 10:15 AM – 11:00 AM: Coffee  
  **Sponsored by Recology**  
  **ROOM NAME**: Golden Ballroom  
- 11:00 AM – 12:15 PM:  
  **Track 1**: Federal, State Bioenergy Policies  
  **Track 2**: Persistent Herbicides And Compost  
  **Track 3**: Greening The Greenhouse With Biogas  
  **Track 4**: Moving Upstream: Food Source Reduction and Donation  
  **ROOM NAME**: Pacific Salon One  
- 12:15 PM – 1:30 PM: Buffet Lunch  
  **Compliments of BioCycle**  
  **ROOM NAME**: Golden Ballroom  

**AFTERNOON**
- 1:45 PM – 3:30 PM:  
  **Track 1**: Sustainability In Beverage, Food Processing Industries  
  **Track 2**: Composting Emissions Control Strategies  
  **Track 3**: Anaerobic Digestion Of MSW Organics  
  **Track 4**: Community Food: Waste Prevention, Food Access  
  **ROOM NAME**: Pacific Salon Four, Five  
- 3:30 PM – 4:15 PM: Ice Cream Social  
  **ROOM NAME**: Golden Ballroom  
- 4:15 PM – 6:00 PM:  
  **Track 1**: Biogas To Low Carbon Fuels  
  **Track 2**: Compost Utilization And Markets  
  **Track 3**: Anaerobic Digester Management  
  **Track 4**: On-Site, Campus & Decentralized Food Waste Composting  
  **ROOM NAME**: Pacific Salon Four, Five  
- 6:00 PM – 7:00 PM: Reception  
  **Compliments of BioCycle**  
  **ROOM NAME**: Golden Ballroom

### Wednesday April 10, 2013

**MORNING**
- 7:30 AM – 8:30 AM: Continental Breakfast  
  **ROOM NAME**: Golden Ballroom  
- 8:30 AM – 10:15 AM:  
  **Track 1**: Composting & Anaerobic Digester Regulations  
  **Track 2**: International Composting Developments  
  **Track 3**: Business Of Anaerobic Digestion  
  **Track 4**: Professional Sports Venue Greening Perspectives  
  **ROOM NAME**: Pacific Salon Four, Five  
- 10:15 AM – 11:00 AM: Coffee  
  **ROOM NAME**: Golden Ballroom  
- 11:00 AM – 12:15 PM:  
  **Track 1**: Environmental Attributes Markets, Incentives  
  **Track 2**: Reaching 70%-Plus Waste Diversion Goals  
  **Track 3**: Strengthening Biogas Markets  
  **Track 4**: Community Sustainability, Food Scraps Diversion  
  **ROOM NAME**: Pacific Salon Four, Five  
- 12:15 PM – 1:30 PM: Buffet Lunch  
  **Sponsored by US Composting Council**  
  **ROOM NAME**: Golden Ballroom  

**AFTERNOON**
- 1:45 PM – 3:30 PM:  
  **Track 1**: State Organics Policies  
  **Track 2**: Greenhouse Gas Mitigation  
  **Track 3**: Agricultural Anaerobic Digestion, Algae Production  
  **Track 4**: Commercial Organics Program Optimization  
  **ROOM NAME**: Pacific Salon Four, Five  
- 3:30 PM – 4:15 PM: Refreshments  
  **ROOM NAME**: Golden Ballroom  
- 4:15 PM – 6:00 PM:  
  **Track 1**: Entrepreneuring In The Organics Recycling Sector  
  **Track 2**: Composting Process And Odor Control  
  **Track 3**: Growing The Digester Sector — Technology Perspectives  
  **Track 4**: Residential Source Separated Organics  
  **ROOM NAME**: Pacific Salon Three  

### Thursday April 11, 2013

**AFTERNOON**
- 8:00 AM – 3:15 PM: All Day Site Tours (For participants with advanced reservations only)
### TUESDAY OPENING PLENARY

**Pacific Salon One, Two Three**

**9:00 AM — 10:15 AM**

#### The Sustainable Path Forward
Moderator: Nora Goldstein, BioCycle

- **Organics Road Map:** A Pathway To California's Environmental Goals  
  Caroll Mortensen, Director, CalRecycle
- **Wasted Food:** Elevating The Dialogue  
  Dana Gunders, Natural Resources Defense Council

<table>
<thead>
<tr>
<th>COFFEE</th>
<th>10:15 AM — 11:00 AM</th>
<th>Golden Ballroom</th>
</tr>
</thead>
</table>

### TRACK 1

**Pacific Salon One**

**11:00 AM — 12:15 PM**

#### Federal, State Bioenergy Policies
Moderator: Joe Goicochea, Ohio Environmental Protection Agency (EPA)

- 2013 Federal Bioenergy Policy Outlook  
  Ted Niblock, Turning Earth LLC
- Strategies To Strengthen The Bioenergy Industry In California  
  Julia Levin, Bioenergy Association of California
- Legislative, Policy Directives To Promote Biomass Power  
  Frederick Tornatore, TSS Consultants

#### Sustainability In Beverage, Food Processing Industries
Moderator: Nora Goldstein, BioCycle

- Zero Waste Strategies In The Beverage Industry  
  John Stier, Antea Group
- Closing The Loop At California Brewery  
  Mandi McKay, Sierra Nevada Brewing Co.
- Bioenergy Potential Of California Food Processing Residues  
  Ricardo Amon, University of California
- Managing ICI Food Waste Streams For Commercial-Scale AD Projects  
  William Deaton, Deaton & Associates, LLC
  Juan Josse, Anaerigia

#### Composting Emissions Control Strategies
Moderator: Robert Horowitz, CalRecycle

- Micrometeorological Measurements Of Greenhouse Gas Emissions From Composting Yard Trimmings  
  Kyaw Tha Paw U, University of California, Davis
- Urban Composting: Pathways To Community Acceptance  
  Mary Matava, Agri Service, Inc.
- Assessing Control Efficiency Of Positive ASP With Biofilter Cover  
  Chuck Schmidt, Emission Assessment Scientist
  Tom Card, Emission Estimation Expert
- Developing Biosolids Composting Facility To Comply With Air District Rules  
  Katja Christof, WL Gore & Associates

### TRACK 2

**Pacific Salon Two**

**11:00 AM — 12:15 PM**

#### Persistent Herbicides And Compost
Moderator: Nora Goldstein, BioCycle

- Pesticides In Compost – A California Perspective  
  Brian Larimore, CalRecycle
- Composting Industry Responds To Persistent Herbicide Contamination  
  Matthew Cotton, Integrated Waste Management Consulting
  Neil Edgar, Edgar & Associates
- Product Labeling And Stewardship  
  John Jachetta, Dow AgroSciences, LLC

<table>
<thead>
<tr>
<th>BUFFET LUNCH</th>
<th>12:15 PM — 1:30 PM</th>
<th>Golden Ballroom</th>
</tr>
</thead>
</table>

### ICE CREAM SOCIAL

**3:30 PM — 4:15 PM**

#### Biogas To Low Carbon Fuels
Moderator: Laura Moreno, U.S. EPA Pacific Southwest Region

- Status Of California Anaerobic Digestion Deployment  
  Jacques Franco, CalRecycle
- Low Carbon Fuel Standards Overview  
  Clark Williams, CalRecycle
- Carbon Intensity Of High And Low Solids Anaerobic Digester Pathways  
  Kamal Ahuja, California Air Resources Board
- Carbon Negative Fleets  
  Evan Edgar, Edgar & Associates, Inc.

#### Compost Utilization And Markets
Moderator: Dori Chandler, Hunter College

- Cities Improve Product Marketing With In-House Usage Programs  
  Ron Alexander, R. Alexander Associates
- Compost Use In Bioswales: Maximizing Pollutant Removal While Managing Nutrients  
  Katrina Mendrey, University of Washington
- Compost, Composting And Biochar — Evolving Industry In Pacific Northwest  
  David Sjoding, Washington State University
- How State Fertilizer And Soil Amendment Rules Impact Product Sales  
  Ron Alexander, R. Alexander Associates

### RECEPTION

**6:00 PM — 7:00 PM**

Golden Ballroom
<table>
<thead>
<tr>
<th>Time</th>
<th>Track</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:15 AM — 11:00 AM</td>
<td><strong>Golden Ballroom</strong></td>
<td><strong>Coffee</strong></td>
</tr>
<tr>
<td>11:00 AM — 12:15 PM</td>
<td><strong>Pacific Salon Three</strong></td>
<td><strong>Greening The Greenhouse With Biogas</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator: Douglas Ross, Cleantech Law Partners</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Integrating Greenhouse Facilities With Dairy AD Bioenergy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Charles Egigian-Nicols, Tetra Tech</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tomato Grower Taps CHP For Power, Heat And CO₂</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Travis Dauwalter, GE Energy</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Adding Greenhouse To Digester Facility</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Alessandro Chiumenti, University of Udine, Italy</td>
</tr>
<tr>
<td>12:15 PM — 1:30 PM</td>
<td><strong>Golden Ballroom</strong></td>
<td><strong>Buffet Lunch</strong></td>
</tr>
<tr>
<td>1:45 PM — 3:30 PM</td>
<td><strong>Golden Ballroom</strong></td>
<td><strong>Anaerobic Digestion Of MSW Organics</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator: Michele Young, City of San Jose Environmental Services</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Waste District Operation Of Dry Fermentation System</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jeff Lindenthal, Monterey (CA) Regional Waste Management District</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Managing Separated Food Waste Streams At WWTP Digesters</td>
</tr>
<tr>
<td></td>
<td></td>
<td>David Parry, CDM Smith</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Latest Developments In Toronto’s Anaerobic Digestion Program</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ian Dickinson, AECOM Canada</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Toronto’s Urban SSO AD — Technical, Operational Considerations For Urban Digesters</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Joerg Blischke, AECOM Canada</td>
</tr>
<tr>
<td>3:30 PM — 4:15 PM</td>
<td><strong>Golden Ballroom</strong></td>
<td><strong>ICE CREAM SOCIAL</strong></td>
</tr>
<tr>
<td>4:15 PM — 6:00 PM</td>
<td><strong>Golden Ballroom</strong></td>
<td><strong>Anaerobic Digester Management</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator: Josh Lieberman, American Biogas Council</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Comparison Of Hydraulic And Compressed Biogas Mixing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Boosting Biogas Efficiency Via Interactive Mixing</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jared Wray, KSB, Inc.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Enhanced Biosolids Pretreatment</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Zachary Scott, OpenCel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NOx Emissions Control At California Dairy Digester</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Seth Burns, Biogas &amp; Electric</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Quantifying Biogas Composition, Heating Value</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Tilman Friz, Union Instruments GmbH</td>
</tr>
<tr>
<td>6:00 PM — 7:00 PM</td>
<td><strong>Golden Ballroom</strong></td>
<td><strong>On-Site, Campus And Decentralized Food Waste Composting</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator: Rich Flammer, Hidden Resources</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Southeast Food Distributor Initiates On-Site Vermicomposting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rhonda Sherman, North Carolina State University</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fine-Tuning Food Scraps Diversion On Campus</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ralph Dauphin, University of California, San Diego</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Decentralized Community Composting Infrastructure</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Noah Fishman, Highfields Center For Composting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Evaluating Composting At Contingency Bases</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Paul Brezovec, Concurrent Technologies Corp.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Michael Bryan-Brown, Green Mountain Technologies</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Community Food:</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Waste Prevention, Food Access</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Moderator: Laura Moreno, U.S. EPA Pacific Southwest Region</td>
</tr>
<tr>
<td></td>
<td></td>
<td>U.S. EPA’s Food: Too Good To Waste Toolkit</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ashley Zanelli, U.S. EPA Region 10</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Veronica Pardo, U.S. EPA Region 10 Fellow</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Reducing Household Wasted Food Pilot</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Karen May, King County (WA) Solid Waste Division</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Residential Pilot With Food: Too Good To Waste Messaging</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Matthew Krupp, City of Palo Alto (CA) Zero Waste</td>
</tr>
<tr>
<td>10:15 AM — 11:00 AM</td>
<td><strong>Golden Ballroom</strong></td>
<td><strong>Reception</strong></td>
</tr>
</tbody>
</table>
### TRACK 1
Pacific Salon One

**Composting And Anaerobic Digester Regulations**
Moderator: Ginny Black, Minnesota Pollution Control Agency (MPCA)
- CalRecycle Organics Rulemaking Update
  - Ken Decio, CalRecycle
- Update On Water Quality Protection At Compost Facilities
  - Brian Stalker, CalRecycle
- Anaerobic Digestion Rulemaking In Oregon
  - Bob Barrows, Oregon Department of Environmental Quality
- National Model Compost Rule Template
  - Nora Goldstein, BioCycle
  - Cary Oshins, US Composting Council

**State Organics Policies**
Moderator: Joe Goicochea, Ohio EPA
- Future Of Composting In Oregon
  - Shannon Martin, Clackamas County (OR) Office of Sustainability
- Implementing A Food Waste Disposal Ban In Vermont
  - Cathy Jamieson, Vermont Agency of Natural Resources
- Role Of Organics In Meeting California’s 75% Diversion Goal
  - Richard Anthony, Richard Anthony Associates
  - Rich Flammer, Hidden Resources

### TRACK 2
Pacific Salon Two

**International Composting Developments**
Moderator: Rich Flammer, Hidden Resources
- Implementing Organic Waste Management Practices
  - In Tijuana
    - Carmen Romo-Diego, Tijuana Calidad de Vida
- Island Composting Initiatives — Puerto Rico and Virgin Islands
  - Jean Bonhotal, Cornell Waste Management Institute
- ASP And Windrow Compost Production In Egypt
  - Jeff Gage, Green Mountain Technologies
- Source Separated Organics Trends In Italy
  - Michele Giavini, ARS ambiente, S.r.l.
  - Massimo Centemero, Italian Composting Council

**Entrepreneuring In The Organics Recycling Sector**
Moderator: Kelly Sarber, Strategic Management
- Integrated System To Process Multiple Organic Streams
  - Larry Condon, PacifClean
  - Nicole Rinauro, Rinauro Consulting
- Diary Of A Commercial Digester Developer
  - Shawn Garvey, CleanWorld
  - Katie Oliver, CleanWorld
- Turning Leftovers Into Solution For Sustainability
  - Dan Blake, EcoScraps, Inc.

### Environmental Attributes Markets, Incentives**
Moderator: Dori Chandler, Hunter College
- Storm Water Retention Credit Trading
  - In The District Of Columbia
    - Douglas Ross, Cleantech Law Partners
- Environmental Market Opportunities
  - For BioReps and Composting
    - Peter Weisberg, The Climate Trust
- Monetizing Increased Crop Resilience
  - To Climate Stressors Via Soil Amendments
    - Sally Brown, University of Washington

**Greenhouse Gas Mitigation**
Moderator: Sally Brown, University of Washington
- Compost Utilization And Climate Change — Overview And Research Updates
  - Robert Horowitz, CalRecycle
- CEQA And GHG Mitigation In The South Coast AQMD
  - Jill Whynot, South Coast Air Quality Management District
- Compost Application Impact On Methane, Nitrous Oxide Emissions
  - William Horwath, UC Davis
- GHG Mitigation In The Urban Core Via Land Restoration
  - Andrew Trlica, Sylvis

**Reaching 70%-Plus Waste Diversion Goals**
Moderator: Rachel Zarfas, City of Beaverton (OR) Sustainability & Recycling
- Big Box Store Recycling Using Large Compactors
  - Kevin Barnes, City of Bakersfield (CA) Solid Waste Division
- Corporate Zero Waste Program — Transitioning From Waste To Resources
  - Paul Gagnon, City of Vancouver (BC) Real Estate And Facilities Management Dept.
- Contracting for Ultra-High Diversion
  - George Savage, CalRecovery, Inc.

**Composting Process And Odor Control**
Moderator: Ginny Black, MPCA
- Measuring Physical Properties
  - To Optimize Composting Processes
    - Jerry Leonard, University of Alberta
- Evaluating Variability In Substrate Quality
  - Edgar Ricardo Oviedo Ocana, Universidad del Valle, Colombia
- Coupling High Aeration Rates And Agitation
  - Chris Anderson, Engineered Compost Systems
- Impact Of Bio-Organic Catalyst On Composting Emissions
  - Chuck Schmidt, Emission Assessment Scientist
  - Tom Card, Emission Estimation Expert

### Buffet Lunch**
12:15 PM — 1:30 PM
Golden Ballroom

### Coffee**
10:15 AM — 11:00 AM
Golden Ballroom

### Refreshments**
3:30 PM — 4:15 PM
Golden Ballroom

### Tracks**
- **TRACK 1**: Pacific Salon One
- **TRACK 2**: Pacific Salon Two

### Events**
- **8:30 AM — 10:15 AM**
- **10:15 AM — 12:15 PM**
- **11:00 AM — 12:15 PM**
- **1:45 PM — 3:30 PM**
- **3:30 PM — 4:15 PM**
- **4:15 PM — 6:00 PM**
### TRACK 3  Paciﬁc Salon Three

**8:30 AM — 10:15 AM**

**Business Of Anaerobic Digestion**  
Moderator: Douglas Ross, Cleantech Law Partners  
AD Solutions To Meet Changing MSW Regulations  
**Bernie Sheff**, Anaergia  
Integrating Anaerobic Digestion, Nutrient Recovery, RNG Production At Composting Facilities  
**Nicholas Kennedy** and **Craig Frear**, Washington State University  
Financing Source Separated AD Projects  
**Ljupka Arsova**, Gershman, Brickner & Bratton Inc.

**Strengthening Biogas Markets**  
Moderator: Josh Lieberman, American Biogas Council  
Biogas To Electricity And Vehicle Fuels: Using Policy Incentives  
**Ted Niblock**, Turning Earth, LLC  
Gas Turbine Engine Innovations  
**Chris Lyons**, Solar Turbines  
Biogas Upgrading To Pipeline, Vehicle Fuel Quality: Case Study  
**Tom Gratz**, Eisenmann Corporation

**Agricultural Anaerobic Digestion, Algae Production**  
Moderator: Nora Goldstein, BioCycle  
Evaluation Of Biodigesters On Dairy Farms In California  
**Douglas Williams**, Williams Engineering Associates  
**Matthew Summers**, Summers Consulting, LLC  
Ensilage Strategy To Pretreat Green Grass  
**K.C. Surendra** and **Samir Kumar Khanal**, University of Hawaii  
Fertilizer Value Of Algae Biomass Coproduct  
**Shannon Andrews**, **Jennifer Hang** and **David Myrold**, Oregon State University  
Digestate To Liquid Fertilizer  
**Allen Chan**, BKT

**Growing The Digester Sector — Technology Perspectives**  
Moderator: Michele Young, City of San Jose Environmental Services  
What Will It Take To Build More Digesters In 2013?  
**Catherine Lewis**, Layne Christensen Company  
Reducing Costs Of Small-Scale Digesters  
**Nina Kshetry**, UEM Inc.  
Simplifying The Technological Process  
**Harro Brons**, Weltec Biopower  
Successful Farm Digester Start-Up  
**Vicki Elliott**, PlanET Biogas Solutions

**Commercial Organics Program Optimization**  
Moderator: Angel Arroyo-Rodriguez, Ohio EPA  
How Food Waste Generators Procure Organics Services  
**Robin Sweere**, Sweere Consulting  
Love Food Not Waste: Open Source Program For Cities  
**Stephanie Scafa**, City of Eugene (OR) Waste Prevention and Green Building Program  
Enforcing 1% Contamination Threshold  
**Ana Carvalho**, City of San Diego (CA) Environmental Services Department  
Commercial Organics Collection Pilot  
**Juliette Bohn**, Humboldt County (CA) Waste Management Authority

### TRACK 4  Paciﬁc Salon Four, Five (Second Floor)

**10:15 AM — 11:00 AM**

**Community Sustainability, Food Scraps Diversion**  
Moderator: Ben Collins, San Francisco Dept. of the Environment  
Community Sustainability, Engagement And Food Scraps  
Composting Strategies  
**Jen Nelson** and **Gary Cuneen**, Seven Generations Ahead  
Zero Waste Schools And Link To Sustainability Planning  
**Jen Nelson** and **Gary Cuneen**, Seven Generations Ahead  
Local Food Policy As Tool To Advance Source Reduction And Composting  
**Nicole Chardoul**, Resource Recycling Systems

**Professional Sports Venue Supply Chain Greening Perspectives**  
Moderator: Steve Davies, NatureWorks LLC  
Portland Trail Blazers And The Rose Garden: Foodservice Ware  
**Buzz Chandler**, StalkMarket  
Philadelphia Eagles And The Wells Fargo Center: Operations  
**Gail Clark**, Comcast-Spectacor  
PGA And Tools In Venue Waste Collection: Collection Point  
**Lyle Peters**, Green Drop Recycling Stations  
Pittsburgh Pirates And AgRecycle: Composting  
**Carla Castagno**, AgRecycle

**Residential Source Separated Organics**  
Moderator: Veronica Pardo, U.S. EPA Region 10 Fellow  
Analysis Of California SSO Programs  
**Rhodes Yepsen**, Novamont NA  
Push For Participation — Outreach Sets Stage  
For Service Changes  
**Tamara Shulman**, EBA/Tetra Tech  
Keeping Contamination Rates Below 2%  
**Craig Bartlett**, Region of Durham, Ontario  
Advancing SSO Diversion In Residential Sector  
Panel Discussion

### REFRESHMENTS  
3:30 PM — 4:15 PM  
Golden Ballroom

**BUFFET LUNCH**  
12:15 PM — 1:30 PM  
Golden Ballroom

**Growing The Digester Sector — Technology Perspectives**  
Moderator: Michele Young, City of San Jose Environmental Services  
What Will It Take To Build More Digesters In 2013?  
**Catherine Lewis**, Layne Christensen Company  
Reducing Costs Of Small-Scale Digesters  
**Nina Kshetry**, UEM Inc.  
Simplifying The Technological Process  
**Harro Brons**, Weltec Biopower  
Successful Farm Digester Start-Up  
**Vicki Elliott**, PlanET Biogas Solutions

**Commercial Organics Program Optimization**  
Moderator: Angel Arroyo-Rodriguez, Ohio EPA  
How Food Waste Generators Procure Organics Services  
**Robin Sweere**, Sweere Consulting  
Love Food Not Waste: Open Source Program For Cities  
**Stephanie Scafa**, City of Eugene (OR) Waste Prevention and Green Building Program  
Enforcing 1% Contamination Threshold  
**Ana Carvalho**, City of San Diego (CA) Environmental Services Department  
Commercial Organics Collection Pilot  
**Juliette Bohn**, Humboldt County (CA) Waste Management Authority

**Residential Source Separated Organics**  
Moderator: Veronica Pardo, U.S. EPA Region 10 Fellow  
Analysis Of California SSO Programs  
**Rhodes Yepsen**, Novamont NA  
Push For Participation — Outreach Sets Stage  
For Service Changes  
**Tamara Shulman**, EBA/Tetra Tech  
Keeping Contamination Rates Below 2%  
**Craig Bartlett**, Region of Durham, Ontario  
Advancing SSO Diversion In Residential Sector  
Panel Discussion
ALL DAY SITE TOURS
8:00 AM — 3:15 PM
For participants with advanced registrations only. Bagged lunch included.

Site Tour Schedules
Buses will board on the circular driveway in front of the Convention Center off of Fashion Valley Road.

TOUR 1
Food Waste/Yard Trimmings Composting and Campus Sustainability

<table>
<thead>
<tr>
<th>Time</th>
<th>Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Board Bus, Town &amp; Country Resort</td>
</tr>
<tr>
<td>8:15 AM</td>
<td>Depart</td>
</tr>
<tr>
<td>8:30 – 10:15 AM</td>
<td>City of San Diego Miramar Greenery</td>
</tr>
<tr>
<td>10:30 – 11:45 AM</td>
<td>University of California, San Diego</td>
</tr>
<tr>
<td>12:15 – 2:00 PM</td>
<td>Agri Service, Inc., Oceanside</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>Arrive San Diego International Airport</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>Arrive Town &amp; Country Resort</td>
</tr>
</tbody>
</table>

TOUR 2
Food Waste Receiving, Digester Biogas Utilization

<table>
<thead>
<tr>
<th>Time</th>
<th>Destination</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Board Bus, Town &amp; Country Resort</td>
</tr>
<tr>
<td>8:15 AM</td>
<td>Depart</td>
</tr>
<tr>
<td>8:30 – 10:00 AM</td>
<td>City of San Diego Miramar Greenery</td>
</tr>
<tr>
<td>10:15 – 11:45 AM</td>
<td>Solar Turbine Biogas Engine Plant</td>
</tr>
<tr>
<td>12:45 – 2:00 PM</td>
<td>Hale Avenue Resource Recovery Facility (Escondido WWTP)</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>Arrive San Diego International Airport</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>Arrive Town &amp; Country Resort</td>
</tr>
</tbody>
</table>

NOTE: For both tours, bus will stop at the San Diego International Airport, and then return to the hotel.

TOUR 1 Destination Descriptions

City of San Diego Miramar Greenery
Tour at the Miramar Greenery composting site includes: Delivery and unloading of commercial organics collected, illustrating content of loads from various generators; Materials receiving and mixing, with incorporation into windrows; Control of feedstock receiving and processing to maximize production of high quality compost and mulch products; and Demonstration of equipment, including large-scale windrow turner and mulch and compost screening.

University of California, San Diego, La Jolla
The University of California, San Diego (UCSD) is participating in the City of San Diego’s commercial organics collection program. The tour will highlight UCSD’s food service source reduction practices, as well as source separation of food scraps in campus dining facilities. Other tour highlights include use of recyclable serviceware, collection container selection and food scraps storage in between collections.

Agri Service, Inc., Oceanside
The El Corazon Compost Facility relocation project was completed in March 2013. The facility was designed around a forced aeration system provided by Engineered Compost Systems of Seattle. This technology reduces odor, and requires less time, land and heavy machinery usage and lowers the overall costs and carbon footprint of manufacturing compost and mulch. The facility utilizes refurbished cargo shipping containers for office structures, green roofs to help offset cooling costs, and recycled windows and doors in each office structure. The El Corazon Compost Facility is proof that composting facilities producing high-quality compost and mulch products can thrive in an urban setting that uses environmentally responsible practices.

TOUR 2 Destination Descriptions

City of San Diego Miramar Greenery
This tour at the Miramar Greenery composting site focuses primarily on delivery and unloading of commercial organics collected, illustrating content of loads from various generators. Tour 2 will also have an opportunity to view materials mixing and incorporation into windrows and demonstration of equipment, including large-scale windrow turner and mulch and compost screening.

Solar Turbine Biogas Engine Plant, Kearny Mesa
On the tour of Solar Turbines’ Kearny Mesa Packaging facility participants will see Solar’s extensive line of gas turbines as they are being assembled and tested. The group will start with an initial safety briefing and introduction, followed by a tour of the plant, including areas of assembly, fabrication, engine-build, compressor build pits and a state-of-the-art test cell.

Requirements
• Closed toe shoes and long pants.
• Conference name badges will be required for identification
• Safety glasses and hearing protection will be provided.

Southern California Gas Co./Hale Avenue RRF, Escondido WWTP
Working with Southern California Gas Co., the City of Escondido is demonstrating a pressure swing adsorption biogas conditioning system installed at the City’s Hale Avenue Resource Recovery Facility. The system is upgrading biogas from the treatment plant digesters through a multistage process to pipeline quality natural gas. Tour leaders will discuss the ability of the technology to meet California’s stringent gas quality standards and potential for commercial applications to produce pipeline quality renewable natural gas.