



# ***GET IN THE FAST LANE***

2023 SWANA FL Summer Conference  
and Hinkley Center Research Forum



July 23-25, 2023  
Hilton Daytona Beach  
Oceanfront Resort

# WELCOME

## A Message From the President

July 23, 2023



Solid Waste Professionals ... start your engines!!! I am so happy to welcome you all to the SWANA Florida Chapter's Summer Conference in Daytona Beach, home of world-famous beaches, the Daytona 500, bikers, spring breakers, and now, the best in the solid waste industry. I am honored to be your incoming Chapter President, having the opportunity to learn from both Tammy Hayes and Keith Howard has been a life changing experience...yes, definitely for the better. Keith's leadership through some of the most challenging times for our chapter has kept us together and the chapter is stronger than ever. Thank you Keith for your dedication, vision, and support through the last 4 years, and I look forward to continuing and providing world class professional programs, engagement opportunities, and events to our members.

Our members are the best in the industry, from our frontline workers in the trucks, scale houses, waste processing facilities, transfer stations, and landfills, to the design and construction professionals, and our management and leadership, we celebrate your achievements and ability to meet adversity straight on and overcome all challenges. We recently celebrated National Waste and Recycling Workers Week in June, highlighting our colleagues that demonstrate their willingness to do their best work for our communities every day and we continue to grow and improve, providing quality and consistent service to our customers.

We have an exciting line up of presentations and exhibitors during this conference, and we are once again proud to partner with the Hinkley Center for Solid and Hazardous Waste Management to host the Research Forum. The Hinkley Center's mission is to sponsor research to provide important information and assistance to regulators, local governments, and the private sector. Therefore, the Hinkley Center and SWANA have invited the very best and brightest research teams from around the state to present their cutting-edge research in the solid waste management.

So, please enjoy the conference, presentations, and, most importantly, each other over the next two days, as we get in the fast lane and continue to learn, grow, and go into the future together.

Sincerely,

A handwritten signature in black ink that reads "Jason Timmons". The signature is fluid and cursive, with the first name being more prominent.

Jason Timmons  
SWANA FL President

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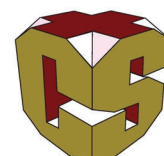
## Bags



## Dinner



## Lanyards





# SCHEDULE OF EVENTS

## Sunday, July 23

Time	Location	Function
12:00 p.m. – 6:30 p.m.	Coquina Foyer	Registration Desk Open
3:00 p.m. – 5:00 p.m.	Ponce DeLeon	Board of Directors Meeting <i>All members welcome</i>
5:30 p.m. – 6:30 p.m.	Coquina D-H	Welcome Reception / Exhibit Hall <i>Please use orange drink tickets this evening.</i>

## Monday, July 24

Time	Location	Function	Speaker
7:30 a.m. – 5:00 p.m.	Coquina Foyer	Registration Desk Open	
7:30 a.m. – 8:30 a.m.	Coquina D-H	Breakfast / Exhibit Hall	
8:30 a.m. – 9:00 a.m.	Coquina ABC	Conference Opening and Annual Chapter Business Meeting	<i>Jason Timmons, SWANA FL President</i>
9:00 a.m. – 10:00 a.m.	Coquina ABC	<b>Educational Sessions: Fuel Up with LFG</b>  Leveraging the RNG Potential of Florida's Landfills  New River Regional Landfill, First Renewable Natural Gas Project in Florida	<i>Moderator: Jason Timmons, Sarasota County</i>  <i>Corina Sheridan, Waga Energy Inc.</i>  <i>Joel Woolsey, New River Solid Waste Association</i>
10:00 a.m. – 10:30 a.m.	Coquina D-H	Morning Networking Break / Exhibit Hall	
10:30 a.m. – 12:00 p.m.	Coquina Foyer	<b>Technical Division Roundtables:</b>  Collection and Transfer  Landfill Management  Planning and Management  Waste to Energy  Recycling & Special Waste  Landfill Gas and Biogas	<i>Moderators:</i> <i>Damien Tramel, Hillsborough County</i>  <i>Chad Spreadbury, Jones Edmunds</i>  <i>Thierry Boveri, Raftelis and Vita Quinn, SCS Engineers</i>  <i>Josh Miller, HDR and Wei Liu, CDM Smith</i>  <i>Mitch Kessler, Kessler Consulting</i>  <i>Carlo Lebron, SCS Engineers and Stephanie Liptak, SCS Engineers</i>

# SCHEDULE OF EVENTS

## Monday, July 24 (Continued)

Time	Location	Function	Speaker
12:00 p.m. – 1:00 p.m.	Coquina D-H	Lunch / Exhibit Hall	
1:00 p.m. – 3:00 p.m.	Coquina ABC	<b>Educational Sessions: Rev Up the Landfill Engines</b>  Rolling Impact Compaction for Ground Improvement in Florida  Expediting Construction and Optimizing Capacity at Azland Landfill  Keeping it Simple: Multiple Approaches to Site Life Calculations  21 Year Performance Evaluation of the Polk County NCLF 60 mil HDPE Exposed Geomembrane Cover	<i>Moderator: Chad Spreadbury, Jones Edmunds</i>  <i>Samir Ahmed, Geosyntec</i>  <i>Don Hullings, Tetra Tech</i>  <i>Kollan Spradlin and Fauve Herron, SCS Engineers</i>  <i>George Reinhart, Jones Edmunds &amp; Associates, Inc.</i>
3:00 p.m. – 3:30 p.m.	Coquina D-H	Afternoon Networking Break / Exhibit Hall	
3:30 p.m. - 5:00 p.m.	Coquina ABC	<b>Educational Sessions: Taking the Lead in WTE Operations and Management</b>  Changing Risk Allocation in the Waste-to-Energy Industry  The Who, What, When, Where, Why, and How of the McKay Bay Waste to Energy Facility Operations Transition	<i>Moderator: Keith Howard, HDR</i>  <i>Sandy Gutner and Val O'Hara, CDM Smith</i>  <i>Cindy Eckert and Mike DeLoach, Arcadis</i>
6:00 p.m. – 8:00 p.m.	Coquina Foyer	<b>Dinner - Sponsored by Autocar Trucks</b> <i>Network with your peers while enjoying food, drinks and interactive racing games. Please use blue drink tickets this evening.</i>	

# SCHEDULE OF EVENTS

Tuesday, July 25

Time	Location	Function	Speaker
7:30 a.m. – 5:00 p.m.	Coquina Foyer	Registration Desk Open	
7:30 a.m. – 8:30 a.m.	Coquina D-H	Breakfast / Exhibit Hall	
8:30 a.m. – 9:30 a.m.	Coquina ABC	<b>Educational Sessions: Going the Extra Mile by Being Sustainable</b>  Hillsborough County’s Donation & Waste Diversion Program  Solid Waste Master Plan Roadmap - Evaluation of the Construction & Demolition Recycling Program	<i>Moderator: Caleb Gonzalez, Lee County</i>  <i>Daniel Gallagher, Hillsborough County</i>  <i>Hannah Sackles and Lois Rose, Sarasota County Solid Waste Department</i>
9:30 a.m. – 10:00 a.m.	Coquina D-H	Morning Networking Break / Exhibit Hall	
10:00 a.m. – 10:15 a.m.	Coquina ABC	<b>Hinkley Center Research Forum – Welcome and Opening Remarks</b>	<i>Dr. Tim Townsend, Director Hinkley Center for Solid and Hazardous Waste Management</i>
10:15 a.m. – 11:45 a.m.	Coquina ABC	<b>Hinkley Center Research Forum</b>  Technologies for Upgrading Landfill Gas to a High-Quality Fuel  The Challenge of Managing Seaweed (Sargassum) Deposited on Florida’s Beaches	<i>Dr. John Kuhn, Professor University of South Florida</i>  <i>Dr. Helena Solo-Gabriele, Professor University of Miami</i>
11:45 p.m. – 12:45 p.m.	Coquina D-H	Lunch / Exhibit Hall	
12:45 p.m. – 2:15 p.m.	Coquina ABC	<b>Hinkley Center Research Forum</b>  A Novel Sensor for Detecting Landfill Odors  From ppm to Kg/hr: Using Surface Emissions Monitoring (SEM) Data to Infer Methane Emissions Fluxes from Landfills	<i>Dr. Dan Meeroff, Professor Florida Atlantic University</i>  <i>Dr. Tarek Abichou, Professor Florida State University</i>
2:15 p.m. – 2:45 p.m.	Coquina D-H	Afternoon Networking Break / Exhibit Hall	

# SCHEDULE OF EVENTS

Tuesday, July 25 (Continued)

Time	Location	Function	Speaker
2:45 p.m. – 4:15 p.m.	Coquina ABC	<b>Hinkley Center Research Forum</b>  The Latest Research on Landfill Liner Equivalency  State of Recycling in Florida	<i>Dr. Nick Chen, Assistant Professor, University of Central Florida</i>  <i>Dr. Malak Anshassi, Assistant Professor, Florida Polytechnic University</i>
4:15 p.m. – 5:00 p.m.	Coquina ABC	<b>Educational Session: Cross the Finish Line with FDEP and Legislative Session Wrap-up</b>	<i>El Kromhout, FDEP</i>  <i>Willie Puz, Solid Waste Authority of Palm Beach County</i>



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*Registered as of 7/7/23*

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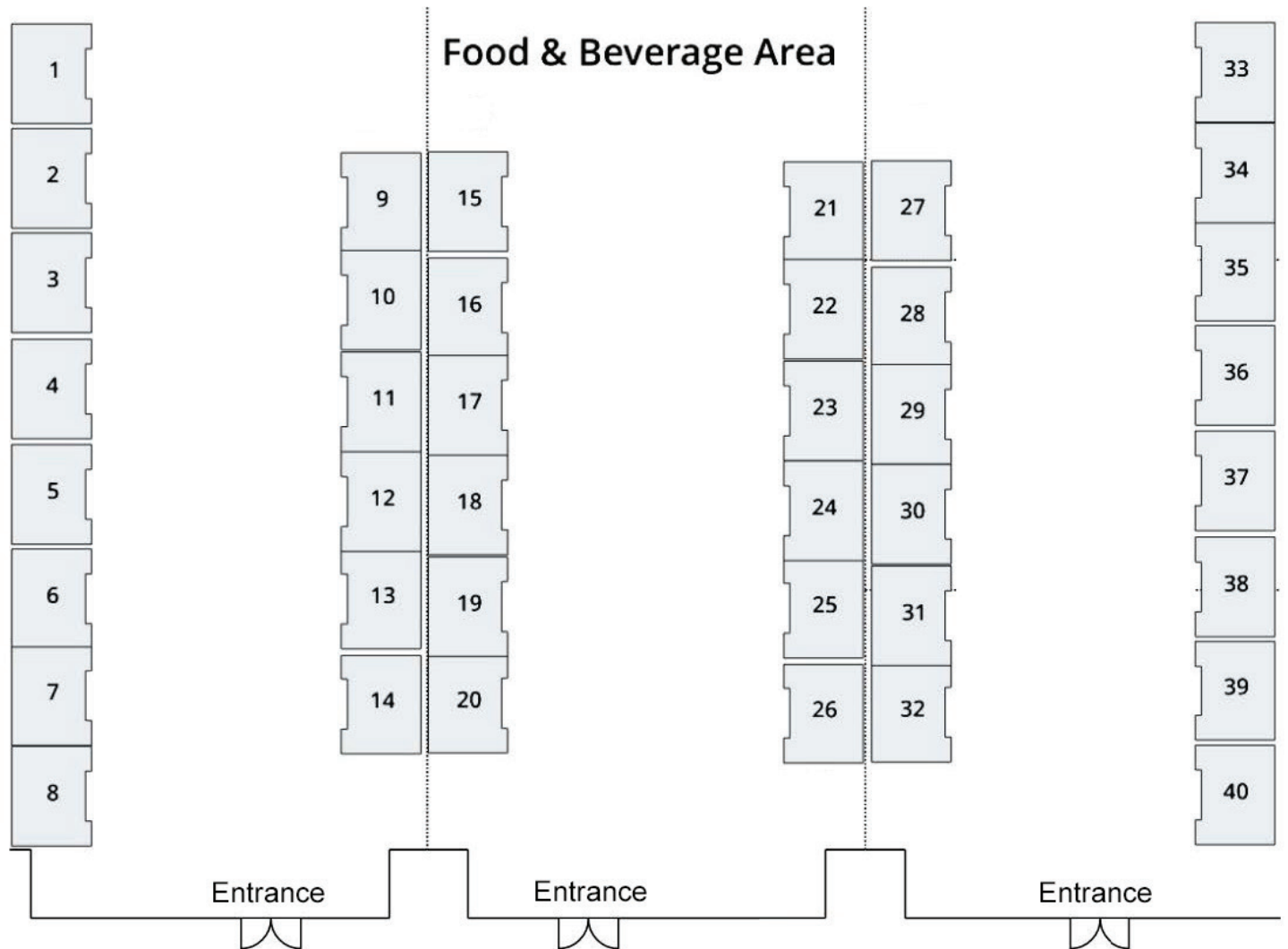
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Tim Thornton Autocar Truck			

# EXHIBITORS



- |                                      |                                    |   |
|--------------------------------------|------------------------------------|---|
| 1 AmCon Environmental                | 15 Al-Jon Series by C&C Mfg.       | 30 AshBritt, Inc                                    |
| 2 Sniffer Robotics, Inc.             | 16 RDK Truck Sales                 | 31 Safe Fleet, Inc.                                 |
| 3 HYVA Corporation/Cargo Floor       | 17 RDK Truck Sales                 | 32 LSC Environmental Products                       |
| 4 DRC Emergency Services, LLC        | 18 Glover Construction Co., Inc.   | 33 Carlson Environmental Consultants, PC            |
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| 8 HDR                                | 22 Cornerstone Construction        | 37 Integrated Environmental Technology              |
| 9 CrowderGulf                        | 23 Laticrete International         | 38 Southern Sewer                                   |
| 10 Paradigm Software L.L.C.          | 24 Axter Coletanche Inc            | 39 WasteWORKS / Carolina Software                   |
| 11 SCS Engineers                     | 25 Jones Edmunds & Associates, Inc | 40 Tarpomatic, Inc.                                 |
| 12 Bandit Industries, Inc.           | 26 Rochem Americas                 |   |
| 13 GeoCAAB                           | 27 Air Burners                     |   |
| 14 COMANCO Environmental Corporation | 28 Sun Machinery                   |   |
|                                      | 29 Yard Dog Systems                |   |