



## 21st Annual RAM/SWANA Conference and Show:

Recycling Association of Minnesota

Minnesota Land of Lakes Chapter of the Solid Waste Association of North America

<p style="text-align: center;"><b>Day 1:</b>  <b>Pre-Conference Sessions</b>  <b>Wednesday, October 5, 2016</b>  <b>Recycling/Solid Waste/Hazardous Waste</b></p>	
<p><b>4:30 – 8:30 p.m.</b></p> <p><b>Note:</b>  <b>The Young Professionals Reception and the registration / networking with exhibitors run concurrently</b></p>	<p>4:30 - 6:00     <b>Young Professionals Reception</b>  <b>Location: DoubleTree Hotel, Bloomington, MN</b>  SWANA is proud to host the Second Annual Young Professionals Reception and Networking event. Join industry professionals, young professionals, and students for a meet and greet, networking event to kick off the 21st Annual RAM/SWANA Conference. All are welcome at this event.</p> <p>4:30 – 6:00     <b>RAM &amp; SWANA Annual Meeting, Seminar, &amp; Dinner</b>  <b>Location: DoubleTree Hotel, Bloomington, MN</b>  6:00     Registration and Networking with Exhibitors  Dinner Starts  6:00 – 7:00     Presentation of RAM Awards &amp; SWANA Floyd Forsberg Scholarship  7:00 – 7:45     Speaker – Jerry Powell, Resource Recycling</p>
<p style="text-align: center;"><b>Day 2:</b>  <b>21st Annual RAM/SWANA Conference &amp; Show</b>  <b>Thursday, October 6, 2016</b>  <b>DoubleTree Hotel, Bloomington, MN</b>  <b>0.6 MPCA CEU's</b></p>	
<p><b>7:30 - 8:00 a.m.</b></p>	<p style="text-align: center;"><b>Registration &amp; Breakfast with Exhibitors</b></p>
<p><b>Session I</b>  <b>8:00 – 9:15 a.m.</b></p>	<p style="text-align: center;"><b>Recycling Panel:</b>  Navigating Soft Material Markets  Grand Ballroom  Moderator: David Keeling</p>
<p><b>9:15 - 9:45 a.m.</b></p>	<p style="text-align: center;"><b>Coffee Break with Exhibitors</b></p>

<b>9:45 – 10:45 a.m.</b>	<b>Keynote: Ed Humes</b> Garbology: Our Dirty Love Affair With Trash--And the Way Back			
<b>10:45 – 11:15 a.m.</b>	<b>Coffee Break with Exhibitors</b>			
<b>Session II 11:15 – 12:15 a.m.</b>	<b>Recycling: Communicating for Change</b>  Veranda 1 & 2  Moderator: Amy Ulbricht – Anoka County	<b>Organics: Innovations in Composting</b>  Veranda 3 & 4  Moderator: Anne Ludvik – Specialized Environmental Technologies	<b>Solid Waste: Landfill Byproducts: Gas/Leachate</b>  Veranda 5 & 6  Moderator: Matt Evans – Burns & McDonnell	<b>Sustainability: Green Corps – Case Studies</b>  Veranda 7 & 8  Moderator: Tim Farnan – Minnesota Pollution Control Agency
<b>12:15 – 1:30 p.m.</b>	<b>Lunch and Break with Exhibitors</b>			
<b>Session III 1:30 – 2:45 p.m.</b>	<b>Recycling: Best Practices for Recycling Contracts</b>  Veranda 1 & 2  Moderator: Jennefer Klennert - Foth	<b>Organics: Challenges in Organics Recycling</b>  Veranda 3 & 4  Moderator: Max Milinkovich – Full Circle Organics	<b>Solid Waste: Policy Roundup – SS473, Demo Landfills</b>  Veranda 5 & 6  Moderator: Bob Craggs - Burns & McDonnell	<b>Sustainability: Product Stewardship Initiatives</b>  Veranda 7 & 8  Moderator: Lisa Thibodeau – Product Stewardship Council
<b>2:45 – 3:15 p.m.</b>	<b>Dessert Break with Exhibitors</b>			
<b>Session IV 3:15 – 4:30 p.m.</b>	<b>Recycling: Boat Wrap/Ag Plastics (Beyond 2015 topic)</b>  Veranda 1 & 2  Moderator: Doug Lien – Tri- County Solid Waste Commission	<b>Organics: Strategies to Increasing Organics Diversion</b>  Veranda 3 & 4  Moderator: Rob Friend – Specialized Environmental Technologies	<b>Solid Waste: Safety First</b>  Veranda 5 & 6  Moderator: Bruce Rehwaldt - Foth	<b>Sustainability: Unintended Outcomes</b>  Veranda 7 & 8  Moderator: Mary Chamberlain – Louis Berger U.S.
<b>4:30 p.m.</b>	<b>Conference Ends</b>			

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## **Session I: 8:00 a.m. - 9:15 a.m.**

### **Session I: Recycling Panel - Navigating Soft Material Markets**

- Plastics: Moore Recycling – Patty Moore
  - Glass: Strategic Materials - Curt Bucey
  - Paper: Liberty Paper – Peg Wander
  - Organics: Compost Council - Max Milinkovich
  - Steel: Steel Recycling Institute - Dave Keeling
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## **Keynote Address: 9:45am – 10:45am**

### **Keynote Speaker**

Speakers: Ed Humes, Author of *Garbology: Our Dirty Love Affair With Trash--And the Way Back*

In this lecture, Ed Humes will expose how waste lies at the heart of all the big problems of the day--the economy, energy, national security, climate, diminishing natural resources--crises that would be much smaller, and might not exist at all, were we not the biggest wasters on the planet. Waste is the biggest thing America makes today, our greatest legacy, product, and export. But Humes will also share the good news: There is a way back. Families, businesses, and communities are finding inspiring and ingenious ways to offset this damaging legacy. Humes inspires audiences to get behind the one big environmental and social problem that just about anyone can do something meaningful to change. For more information on this Speaker please visit [www.prhspeakers.com](http://www.prhspeakers.com).

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## **Session II: 11:15am – 12:15pm**

### **Session II: Recycling - Communicating for Change**

Speakers: Brian Lieb (Hennepin County), Lisa Skumatz (Skumatz Economic Research Assoc., Inc.), Hunt Briggs (Resource Recycling Systems)

Moderator: Amy Ulbricht (Anoka County)

Session Description: Getting your message across to your audience is an ongoing opportunity. Brian Lieb will talk about the “Plain Language” education campaign in Hennepin County, with Lisa Skumatz presenting national examples in “Changing Behaviors in Recycling and Organics / Smartening Up Our Outreach”, and Hunt Briggs sharing an industry effort with “Bringing Foodservice Packaging Recycling into the Mainstream.”

### **Session II: Organics - Innovations in Composting**

Speakers: Danny Mishek (Self Eco), Ginny Black (Minnesota Compost Council)

Moderator: Anne Ludvik (Specialized Environmental Technologies)

Session Description: The innovations in the Composting Industry will touch on the changes to compostable plastics products to legislative updates on organics. Danny Mishek, SelfEco, will talk about the compostable plastic industry and how SelfEco is working to change the products available to consumers. Ginny Black, President, Minnesota Composting Council, (MNCC), will talk about the legislative goals the MNCC will be pursuing during the upcoming legislative session.

### **Session II: Solid Waste - Landfill Byproducts Gas and Leachate**

Speakers: Mark Galimberti (VSEP), Dr. Kazem Eradat Oskoui (Clark Technology, LLC), Fred Doran (Burns & McDonnell)

Moderator: Matt Evans (Burns & McDonnell)

Session description: Landfill gas and leachate are two byproducts produced by landfills. In this session, hear about some of the leachate management challenges currently facing Minnesota landfills, and the innovative treatment technologies being used to meet them. Also in this session you can learn about how one landfill is considering using their landfill gas to grow salt water shrimp!

### **Session II: Sustainability - GreenCorps Case Studies**

Speakers: Christine Villella (Minnesota Pollution Control Agency), AJ Axtell (WLSSD), Aubrey Fonfara (City of Saint Paul)

Moderator: Tim Farnan (Minnesota Pollution Control Agency)

Session Description: Minnesota GreenCorps is a statewide program designed to help preserve and protect Minnesota's environment while training a new generation of environmental professionals. The GreenCorps program places AmeriCorps members in varying organizations around the State where they are able to implement environmental projects aimed at improving the local community. Hear an overview of the program featuring case studies highlighting successful projects across Minnesota.

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## **Session III: 1:30pm – 2:45pm**

### **Session III: Recycling - Best Practices for Recycling Contracts**

Speakers: Bill Keegan (DemCon/NWRA), Kris Hageman (Saint Paul, MN), Anne Morse (Winona County)

Moderator: Jennefer Klennert - Foth

Session description: Pressures continue to increase on cities, counties, and Material Recovery Facilities (MRF) to provide comprehensive recycling programs through a Request for Proposal (RFP) process. Challenges include changing markets, decisions to integrate collection and processing, and how to reach underserved communities including rural and multi-family residents. A City and a County will share their RFP process including challenges, successes, and lessons learned. A private MRF operator will share insights on the challenges of responding to ever-changing customer needs.

### **Session III: Organics - Challenges in Organic Recycling**

Speakers: Kellie Kish (City of Minneapolis), Betty Winkworth and Jane Dow (Zero Waste Mankato), Anne Ludvik & Rob Friend (Specialized Environmental Technologies)

Moderator: Max Milinkovich (Full Circle Organics)

Session Description: Challenges in Organics Recycling will have speakers from public and private sector talking about their challenges in promoting organics recycling. Kellie Kish, City of Minneapolis, will talk about their promotional strategy, including the successes and challenges, for increasing participation

rate in Minneapolis' curbside organics program. Betty Winkworth, Zero Waste Mankato, will talk about starting a drop off location in its first year and the transfer of the program to the City of Mankato and how they will work together. Finally, Anne Ludvik and Rob Friend, SET, will talk about the challenges that composters face with the push to increase organics diversion and the contaminants that have to be dealt with in the process.

### **Session III: Solid Waste - Policy Roundup – §473, Demo Landfills**

Speakers: Tim Steinbeck (GRE/MRRA), Dave Benke (MPCA), Julie Ketchum (Waste Management), Mike Mondloch (MPCA), Zach Fjestad (Otter Tail County)

Moderator: Bob Craggs (Burns & McDonnell)

Session Description: This session will discuss implementation challenges and implications of §473 on insuring processing capacity in the seven county metro area is maximized. In addition, there has been documented impacts from unlined demo landfills in greater Minnesota. What is the scope of the impacts and what is the appropriate response?

### **Session III: Sustainability - Product Stewardship Initiatives**

Speakers: Amanda Cotton (Minnesota Pollution Control Agency), John Helmers (Solid Waste Administrators Association), Emily Barker (City of St. Louis Park)

Moderator: Lisa Thibodeau (Product Stewardship Council)

Session Description: This session will explore efforts by different levels of MN governments to close the loop on waste management through sustainability and product stewardship. Come hear about how the City of St. Louis Park is going beyond recycling and organics and into zero waste; hear the county perspective on product stewardship from recent negotiations on the e-waste legislation, and finally from the State on new changes in the e-waste law and efforts to help local government.

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## **Session IV: 3:15 – 4:30pm**

### **Session IV: Recycling - What's New with Boat Wrap and Agricultural Plastics**

Speakers: Sarah Young (McLeod County), Nathan Reinbold (Pope Douglas Solid Waste Management), Nick Gugisberg (Tom Kraemer, Inc.)

Moderator: Doug Lien (Tri-County Solid Waste Commission)

Session Description: With the continuing increase in the use of film plastics within the agricultural and marine industries comes corresponding pressure on Landfills and Materials Recovery Facilities. In this session you will hear from two MRFs that have been accepting, processing and marketing bale wrap, silage bunker covers, boat wrap, and other agricultural and marine film plastics. A waste hauler directly serving farmers will talk about options and challenges in transportation and temporary storage.

### **Session IV: Organics - Strategies to Increasing Organics Diversion**

Speakers: Renee Burman (Dakota County), Ben Knudson (Hennepin County), Susan Darley-Hill (WLSSD)

Moderator: Rob Friend (Specialized Environmental Technologies)

Session Description: Strategies to Increase Organics Diversion will bring 3 Minnesota leaders in organics diversion together to discuss ways they have been able to move the needle in organics diversion. You will hear from Dakota County about using new technologies, Hennepin County about their efforts to get

organics collection to as many residents' curbside as possible and WLSSD about their work with the business community to increase organics diversion but not doing it at "all cost".

#### **Session IV: Solid Waste - Safety First**

Speakers: Chris Hove (Premier Waste), Trooper Joseph Dellwo (Minnesota State Patrol), Keira Keegan (Student)

Moderator: Bruce Rehwaldt (Foth)

Session Description: One of David Biderman's top priorities for SWANA is to promote Safety and to get the industry OFF of the list of 10 most dangerous industries to work for. This session will focus on "safety, safety, safety" and specifically driver/driving safety. Chris Hove will discuss safety from a driver/operator perspective, Trooper Dellwo will talk about the risks and results of distracted driving, and Student Keira Keegan will present a video that she produced regarding distracted driving (texting while driving).

#### **Session IV: Sustainability - Unintended Outcomes**

Speakers: Julie Moore (Association of Recycling Managers), Brian Sams (Redwood/Renville Regional Solid Waste Authority), Lisa Skumatz (Skumatz Economic Research Association, Inc.)

Moderator: Mary Chamberlain (Louis Berger U.S.)

Session description: New methods and policies regarding waste and recycling management can bring on unintended consequences. Lisa Skumatz will address understanding and managing tradeoffs involved with contamination, profitability and the material mix. Brian Sams will share perspectives on conversion to a single sort system, with Julie Moore tackling the ongoing issues with consumer understanding of 'what is and is not recyclable where they are standing' commonly referred to as "Wish-cycling"

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## Keynote Speaker: Edward Humes

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Photo Credit: Sean Teegarden

### **About Edward Humes**

Edward Humes is a Pulitzer Prize-winning journalist and author of fourteen nonfiction books, the latest being *Door to Door: The Magnificent, Maddening, Mysterious World of Transportation* (April 2016) and *Garbology: Our Dirty Love Affair With Trash*, which has been a frequent selection as a “First Year Experience” campus read.

Humes received his Pulitzer for his newspaper coverage of the military, and a PEN Award for nonfiction for *No Matter How Loud I Shout: A Year in the Life of Juvenile Court*.

He has taught writing, journalism, and literary nonfiction at graduate and undergraduate levels, and has written for *The New York Times*, *The Los Angeles Times*, *Sierra Magazine*, and *Los Angeles Magazine*.

He lives in Southern California with his family and three rescued greyhounds.

For more information on this Speaker please visit [www.prhspeakers.com](http://www.prhspeakers.com).

## Conference Organizers



**SWANA**<sup>®</sup>

SOLID WASTE ASSOCIATION  
of North America

With a mission to advance the responsible management of solid waste as a resource, the Solid Waste Association of North America (SWANA), a non-profit educational organization, brings public and private sector professionals together to promote education, collaboration, and research in the state of Minnesota. For more info please contact us at [director@swanamn.org](mailto:director@swanamn.org).



RECYCLING  
ASSOCIATION  
of Minnesota

The Recycling Association of Minnesota (RAM) is a 501(c)(3) nonprofit organization committed to promoting resource conservation through waste prevention, reuse, recycling, composting, and purchasing practices using the most cost effective and environmentally sound methods available in Minnesota.







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