

Innovate to Succeed:

# Navigating the New Era of Materials Management



## SUMMIT FOR RECYCLING

JUNE 12-14, 2016 GRAND JUNCTION



Photo by Waste Management

### CONFERENCE PROGRAM



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Learn more at [www.ball.com/recycling](http://www.ball.com/recycling)



**BALL CORPORATION**

# Welcome to the Summit

The Colorado Association for Recycling (CAFR) Board of Directors, the Summit Planning Committee, and CAFR staff welcome you to Grand Junction! Thank you for joining us for the 2016 Summit for Recycling, the 27th year of the Rocky Mountain region's premier recycling conference — and the first time on the Western Slope.

We Truly appreciate our sponsors (page 6), our exhibitors (page 8) and our many volunteers, without whom the Summit would not be possible. Each year, the Summit Planning Committee strives to build a program that brings you fresh ideas from across Colorado, the region and nationwide. We welcome the many out-of-state speakers who are contributing to this year's Summit, and we thank our many local speakers, presenters and moderators for their ongoing support of CAFR.



## The Era of Materials Management is Here to Stay

More and more companies, large and small, are implementing broad-based sustainability initiatives. Although there is a lot of buzz surrounding renewable energy, many are finding that waste reduction is often the fastest way to reduce costs and carbon emissions. Rather than managing waste on the back-end, leading sustainability programs are increasingly focused on reducing the volume of material on the front end. Materials management concepts like design for environment, dematerialization, light-weighting and the circular economy are hot topics. The world is changing around us and it's becoming increasingly evident that traditional recycling-industry models need to evolve and adapt, but how?

This year's Summit features speakers who will explain how materials management is central to their organization's sustainability strategies, how these trends are affecting the recycling industry and new technologies and business models emerging from these trends.

## ... and Much More

The Summit program also offers discussions on the opportunities for collaboration in rural recycling as well as along Colorado's Front Range. You'll hear the latest developments in how to reuse and/or repurpose food waste, an update on the soon-to-be-released Integrated Solid Waste and Materials Management Plan from the Colorado Department of Public Health and Environment and a final keynote on how the climate change debate is at last beginning to embrace recycling as a key solution to the urgent task of reducing carbon emissions across the global economy.

## Innovating Our Way to Better Times

We are confident that this year's program will challenge all of us to find imaginative and innovative ways to create financial opportunity in a time when market conditions are more often than not antagonistic to our goals. We encourage all of you to engage with the speakers and with each other to develop new and innovative ideas for advancing recycling in Colorado. We hope this year's Summit creates a sense of optimism for the future and gives you the resources you need to build and grow your own programs. Again, we welcome you to Grand Junction and are delighted to have you join us!

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Tag your conference tweets with the hashtag **#cafr16**.

Graham Russell  
Program Coordinator

Bryce Isaacson  
Summit Co-Chair

Eric Heyboer  
Summit Co-Chair



# Schedule At-A-Glance

Complete program information starting on page 10.

## Sunday, June 12

6:00-10:00 PM	Recycling Awards Gala <i>Varaison Vineyards &amp; Winery</i>
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## Monday, June 13

7:00-8:00 AM	Breakfast		
7:00 AM-2:30 PM	Exhibit Hall Open <i>Grand Ballroom Foyer</i>		
8:00-9:30 AM	<i>Keynote</i> Waste Management Gives Way to the Circular Economy <i>Grand Ballroom</i>		
	Concurrent Sessions 1		
9:45-10:45 AM	<i>Kokopelli</i> Sustainable Materials Management	<i>Aspen</i> New Technology	<i>Telluride</i> Local End-Market Solutions
	Concurrent Sessions 2		
11:00 AM-12:00 PM	Sustainable Materials Management	Fed Up With Food Waste	What Happened to Free?
12:00-1:00 PM	Lunch		
12:30-1:30 PM	<i>Keynote</i> Repurposing? Now, What Can We Do With That? <i>Grand Ballroom</i>		
1:30-2:00 PM	Break in Exhibit Hall <i>Grand Ballroom Foyer</i>		
2:00-5:00 PM	Tours		
	Council Business Meetings		
2:00-3:30 PM		CoPSC	RMOC
5:00-7:00 PM	Exhibitor Reception <i>Grand Ballroom Foyer</i>		
7:00 PM	Young-at-Heart Recycling Professionals Meet-up <i>The Ale House</i>		

## Tuesday, June 14

7:30-8:00 AM	Continental Breakfast		
7:30-10:45 AM	Exhibit Hall Open <i>Grand Ballroom Foyer</i>		
	Concurrent Sessions 3		
8:00-9:00 AM	<i>Kokopelli</i> Moving the Needle in the Front Range	<i>Aspen</i> Rural Recycling Cooperative	<i>Telluride</i> Food Waste to Value
	Concurrent Sessions 4		
9:15-10:15 AM	Moving the Needle in the Front Range	Rural Recycling Cooperative	Strategies for Materials Management at State Level
10:15-10:45 AM	Break in Exhibit Hall		
10:45 AM	Silent Auction Closes		
10:45-11:45 AM	Lunch		
11:05-12:15 PM	<i>Plenary</i> Consumption Emissions and the Waste-Climate Conversation <i>Grand Ballroom</i>		
12:15 PM	Drawing for 2017 Summit Registration <i>Grand Ballroom</i>		
12:45-2:15 PM	<i>Stakeholder Session</i> Colorado Climate Plan		



## Program Highlights

### Monday, June 13

#### Morning Plenary Keynote

8:00 AM

“Sustainable Materials Management: Waste Management Gives Way to the Circular Economy”

##### Bob Gedert

Gedert is the director of the Austin Resource Recovery Department for the City of Austin, responsible for the implementation of the Austin Zero Waste Plan, and is currently president of the National Recycling Coalition. Gedert has been involved in waste diversion programs since 1975.



#### Luncheon Keynote

12:30 PM

“Repurposing? Now, What Can We Do With That?”

##### Damon Carson

Carson is the founder and president of Repurposed Materials. His company has a very unique business model focused on creative re-use – or repurposing - within the sustainability sector.



#### Exhibitor Reception

5:00 PM - 7:00 PM

Join us in the Exhibit Hall. Light hors d'oeuvres and refreshments provided.

### Tuesday, June 14

#### Luncheon Plenary

11:05 PM

“Consumption Emissions and the Waste-Climate Conversation”

##### Mark Gagliardi

Gagliardi is a recycling specialist with the City of Oakland Public Services Agency's Environmental Services Division. Gagliardi is developing and implementing Oakland's Zero Waste Sustainability Initiative and was staff lead in establishing Oakland's Energy & Climate Action Plan and greenhouse gas inventory.



#### Afternoon Stakeholder Session

12:45 PM

“Colorado Climate Plan: Recycling Sector Public Engagement Session”

Give feedback on Colorado's Climate Plan and the role of recycling, composting and reuse.

## Things to Know

### Internet Access

Complimentary Internet is available in the hotel conference area and attendee hotel rooms.



Tag your conference tweets with the hashtag **#cafr16**.

### Summit Attendee List

The Summit for Recycling attendee list will be distributed electronically, in PDF format, after the conference.

### Conference Evaluation

#### Your Feedback is Important

Please take a moment to complete the Summit evaluation that will be distributed via e-mail to all attendees after the conference. We value your opinions and use them to shape future events.

### Checking Out

Check-out time is 12:00 PM. The hotel will hold your bags for you until you are ready to leave.

### SWANA CEUs Available

CAFR and the Solid Waste Association of North America are partnering to offer Continuing Education Units (CEUs) to Summit for Recycling attendees. Report forms are available at the registration desk.

### Green Initiatives at the DoubleTree

Recycling is available throughout the hotel conference area and individual hotel rooms. The hotel also works to reduce waste by using refillable water bottles.

### Food Rescue

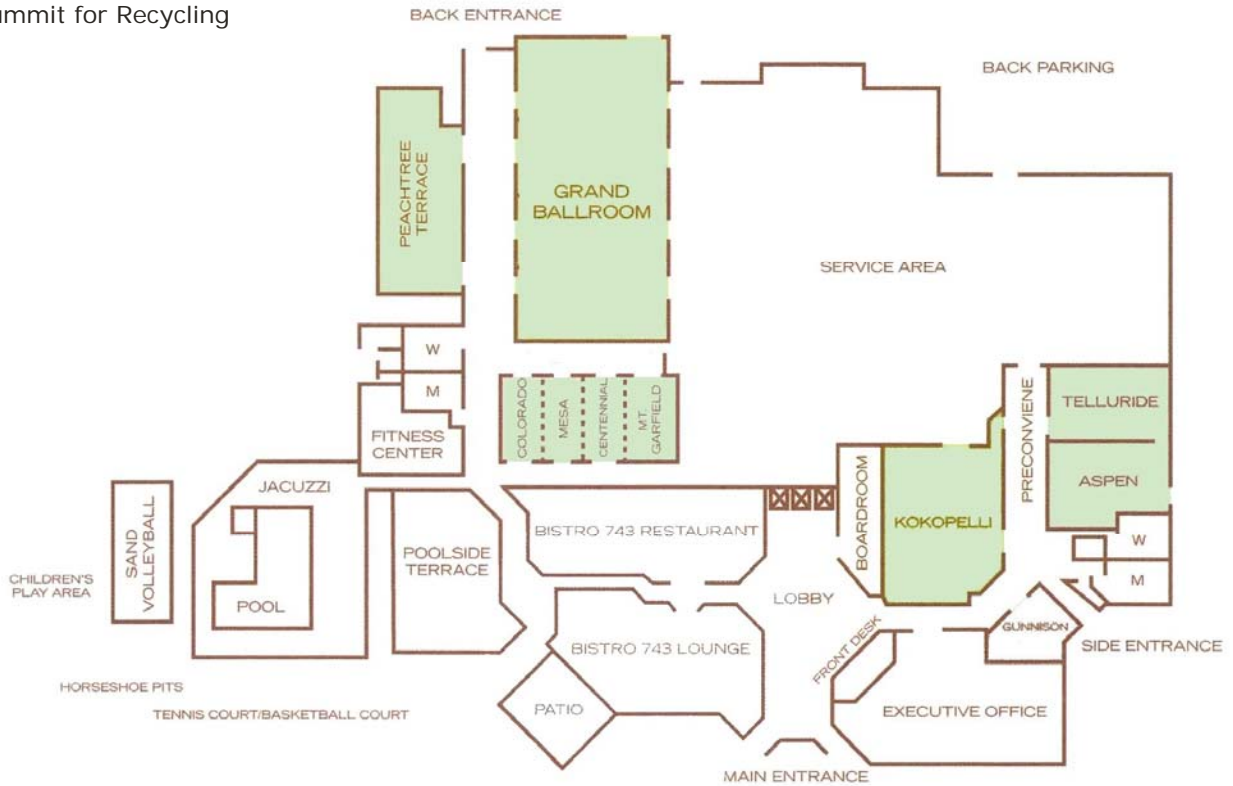
CAFR is committed to keeping good food out of landfills. Help us reduce wasted food and properly compost food scraps at the conference. We are also partnering with food service providers to donate extra food to the community. Look for food waste reduction tips displayed during meals and **help us feed people, not landfills!**





DoubleTree by Hilton Grand Junction

Summit for Recycling



If innovation has an official color, it would undoubtedly be green.

At Waste Management, sustainability is the chief motivator in our transformation from a waste collection and disposal company to one that views and uses waste as a resource.

For more information on local innovations visit [wm.com/Colorado](http://wm.com/Colorado)



THINK GREEN.



## Welcome to Grand Junction

Grand Junction is the largest city on Colorado's Western Slope, and serves as a hub for transportation and shipping between Denver and Salt Lake City. The name Grand Junction stems from the junction of the Colorado River (formerly known as the Grand River) and the Gunnison River.

Grand Junction has a little something for everyone — from the extreme adventure seeker to those looking for a more relaxed getaway. The Colorado National Monument boasts stunning red rock vistas, hiking and mountain biking. Visit the Grand Mesa, the largest flat-top mesa in the world, for fishing and camping or make the hour-and-a-half drive to Moab, Utah, and experience world-renowned mountain biking and jeeping trails. The Grand Junction area has five spectacular golf courses for a day of sun and more than 20 wineries for testing your pallet.

Looking for a little less adventure? Visit Grand Junction's charming downtown area. Quaint shops, art on nearly every corner, fine restaurants and sweet treats and so much more make walking Main Street a joy.

The Grand Junction Visitor & Convention Bureau has plenty of information for making the most of your stay ([www.visitgrandjunction.com](http://www.visitgrandjunction.com))

Please explore and enjoy your visit!

### Transportation

#### Grand Valley Transit

Operates Monday through Saturday, 5:15 AM - 8:35 PM. Twelve fixed routes serve Grand Junction, Fruita, Orchard Mesa and Palisade; cost is \$1.50 per ride. Customer service representatives are available to provide detailed route and schedule information as well as trip planning assistance. Phone: 970-256-7433 / Web: [gvt.mesacounty.us](http://gvt.mesacounty.us)

#### Hotel Shuttle

The DoubleTree offers a free shuttle for hotel guests for trips within a five-mile radius, based on availability. Contact the hotel front desk for more information.

### Dining Out

#### American

##### The Ale House

2531 N 12<sup>th</sup> Street

970-242-7253

\*Great outdoor patio

##### The Rockslide Brew Pub

401 Main Street

970-245-2111

\*Great outdoor patio

##### The Winery Restaurant

642 Main Street

970-242-4100

#### Italian

##### Enzo's Pizzeria

759 Horizon Drive

970-255-8500

##### III Bistro Italiano

400 Main Street

970-243-8622

\*Great outdoor patio

#### Mexican

##### WW Peppers

753 Horizon Drive

970-245-9251

##### Fiesta Guadalajara

710 North Avenue

970-255-6609

#### Sushi

##### Suehiro Japanese Restaurant

541 Main Street

970-245-9548

#### Other

##### Nepal Restaurant

356 Main Street

970-242-2233

##### Le Rouge Restaurant and Piano Bar

317 Main Street

970-257-1777

### Golf

##### Tiara Rado

2057 S Broadway

970-254-3830

##### Chipeta

222 29 Road

970-245-7177

##### Redlands Mesa

2325 W Ridges Blvd

970-263-9270

##### Lincoln Park

800 Mantlo Circle

970-242-6394

##### Adobe Creek

876 18 ½ Road—Fruita

970-858-0521





## Summit for Recycling Sponsors

### Titanium

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### Platinum

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### Gold

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Larimer County Solid Waste  
Momentum Recycling  
PaintCare  
Pollution Prevention Advisory Board  
Republic Services  
Waste Connections of Colorado  
Waste-Not Recycling  
Western Disposal Services



## Summit for Recycling Sponsors

### Silver

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CAFR Board of Directors  
City of Loveland  
Colorado Industrial Recycling  
Electronic Recyclers International  
I.T. Refresh  
Power Screening, LLC

### Bronze

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A-1 Organics  
Boulder County Resource Conservation Division  
Eco-Cycle  
EcoProducts  
Gallegos Sanitation, Inc.  
Iron and Metals  
Resource Recycling Systems

### Copper

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Alpine Bank  
City and County of Denver/Denver Recycles  
Gracestone, Inc.  
Mesa County Solid Waste  
Pitkin County Solid Waste Center

### Nickel

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4 Rivers Equipment  
Discover Goodwill of Southern and Western Colorado  
High Country Conservation Center



## Exhibit Hall

- A1 Organics
- Altitude Recycling Equipment
- Bulk Handling Systems
- Can Manufacturers Institute
- Carton Council
- Coastal Wire Company
- Demand Products, Inc.
- Elliott Equipment Company
- Kois Brothers
- MillerCoors
- Momentum Recycling
- PaintCare
- Power Screening, LLC
- Recycle Systems
- Republic Services
- Skumatz Economic Research Associates
- USAgain LLC
- VAN DYK Recycling Solutions
- Waste Connections of Colorado
- Waste Management
- Wastequip/Toter
- Western Metals Recycling

### Exhibit Hall Hours

The exhibit hall is located in the Grand Ballroom Foyer and is accessible during conference hours beginning Monday, June 13, at 7:00 AM until Tuesday, June 14, at 10:45 AM. Dedicated Exhibit Hall times are indicated below.

*Grand Ballroom Foyer*

**Monday** - Open 7:00 AM

1:30 PM - 2:00 PM Break in Exhibit Hall  
5:00 PM - 7:00 PM Exhibitor Reception

**Tuesday** - Open 7:30 AM

10:15 AM - 10:45 AM Break in Exhibit Hall

*You're Invited!*

### Monday Evening Exhibitor Reception

5:00 PM - 7:00 PM

*Grand Ballroom Foyer*

Relax in the Exhibit Hall with the CAFR Board of Directors and staff, sponsors, exhibitors and local dignitaries. Light hors d'oeuvres and refreshments provided.



### YOUNG-AT-HEART RECYCLING PROFESSIONALS

# MEET-UP

7:00 PM  
THE ALE HOUSE  
2531 North 12th Street  
[www.alehousegj.com](http://www.alehousegj.com)

If you are too jazzed to call it a night after the Exhibitor Reception, keep the evening going at The Ale House, just 1.8 miles from the hotel.

This is CAFR's first-ever official young-at-heart professionals networking event! Catch up with more friends and colleagues and make even more connections within the recycling industry.

Let's share ideas and talk about the future of the recycling industry!

# 2016 Scholarship Program

## Summit Scholarship Program

In its 5th year, the scholarship program provides an outstanding opportunity for college or university students to attend the conference and network with industry experts, expand their knowledge of recycling and waste reduction and prepare themselves for a career in a rewarding and innovative field.

The recipients were chosen for their passion for recycling and waste diversion, personal values and recommendations from references.

Make it a point to congratulate and meet these 'up and comers' during the Summit.

Each scholar receives a two-day registration, hotel accommodations, recycling tour, Recycling Awards gala ticket and a modest travel stipend. Consider contributing to the scholarship fund next year, so more students can attend the Summit in Fort Collins, June 4-6, 2017.



**Martin Dawson**  
Colorado State University



**Julia Farwell**  
Colorado Mountain College



**Althea Godfrey**  
University of Colorado  
Boulder



**Jonathon Nagel**  
Colorado State University

## Thank You Scholarship Sponsors

Alpine Waste and Recycling

City of Fort Collins

Colorado State University  
Facilities Management

C.U. Recycling

GreenSheen Paint

Hunter Douglas

SL Finzel Trust

Western Disposal Services

## Silent Auction

### Visit the Silent Auction Before 10:45 AM Tuesday

CAFR's fundraising silent auction, in the Colorado/Mesa room, benefits CAFR events and programs. It's a fun opportunity for Summit attendees to try and out-bid each other on coveted items. The silent auction closes at 10:45 AM on Tuesday. Items to bid on this year:

- Original photography by Denis Roussel
- Trailbreaker jacket
- Quilled earrings
- Hand-made pottery
- Kitchen goodies
- Hunter Douglas window shades
- Artwork
- John Fielder book "Colorado 1870-2000"
- Rockies tickets
- Broncos basket
- Upcycled jewelry
- Wine
- And more!

Winning bids will be posted outside the Colorado/Mesa room after 12:15 PM Tuesday. Items will be available for pick up until 2:30 PM.







## 2016 Recycling Awards Gala

Sunday, June 12, 6:00pm  
Varaison Vineyards & Winery

1600 S Frontage Rd W  
Vail, CO 81657

Cost: \$55

Tickets must be purchased in advance.



## 2016 Recycling Awards

Each year, the Colorado Association for Recycling seeks nominations for our annual Recycling Awards. These prestigious awards recognize governmental entities, individuals, companies, and organizations for their excellence in recycling.

Congratulations to the 2016 award recipients!

Lifetime Achievement  
**Marjorie Griek**

Outstanding Business  
Recycling/Diversion Program  
**Alpine Waste & Recycling**

Outstanding Government  
Recycling/Diversion Program  
**Lake County**

Outstanding Nonprofit  
Recycling/Diversion Program  
**Boulder Food Rescue**

Outstanding Elected Official  
**Councilor Jan Vigil, City of Alamosa**

Mereth Meade Volunteer of the Year  
**Shari Malloy**

Recycler of the Year  
**Brittany Evans, Clear Intentions**

*Special Recognition*  
EPA WasteWise 2015 Winner  
**Colorado State University, Sheila Backen**



## Sunday, June 12

### CAFR Recycling Awards Gala

6:00 PM - 10:00 PM      *Varaison Vineyards & Winery*  
See sidebar for details. Tickets: \$55

## Monday, June 13

### Exhibit Hall Open

7:00 AM - 2:30 PM      *Grand Ballroom Foyer*

### Opening Plenary

#### Breakfast

7:00 AM - 8:00 AM      *Grand Ballroom*

#### Welcome

8:00 AM - 8:15 AM      *Grand Ballroom*

Grand Junction Mayor Phyllis Norris

### Sustainable Materials Management: Waste Management Gives Way to the Circular Economy

8:15 AM - 9:30 AM      *Grand Ballroom*

Get introduced to sustainable materials management and learn how the National Recycling Coalition, Austin, TX, and others are advancing the concept.

*Speaker:*

Bob Gedert, City of Austin, Austin Resource Recovery

### Concurrent Sessions 1

#### Sustainable Materials Management Workshop

*Part 1*

9:45 AM - 10:45 AM      *Kokopelli*

The morning keynote by Bob Gedert illustrated how sustainable materials management (SMM), sustainability and circular-economy concepts like design for the environment, dematerialization, light-weighting and waste-to-value drastically change the volume and nature of the materials entering the waste stream. The first session in this two-part series highlights how businesses are using SMM to advance their sustainability goals and how this affects existing recyclers and traditional recycling programs and business models.

*Speakers:*

Jack Buffington, KTH Royal Institute of Technology

Megan Jorgensen, Snooze an AM Eatery

Stacy Katz, Waste Management

Sarah Martinez, EcoProducts

Michele Wagner, Carton Council

*Moderator:*

Juri Freeman, Resource Recycling Systems

#### New Technology

9:45 AM - 10:45 AM      *Aspen*

As the volume and composition of the waste stream has changed, the traditional operational and business models of materials recovery facilities (MRFs) have been increasingly challenged. To what extent can

technology come to the rescue? This session explores the latest developments in MRF technology and what's working in this vital segment of our recycling industry.

*Speakers:*

Matanya Horowitz, AMP Robotics  
 Branden Sidwell, CP Group  
 Richard Sweet, Bulk Handling Systems

*Moderator:*

Tim Dailey, Hi-Tec Plastics Recycling

**Local End-Market Solutions**

9:45 AM - 10:45 AM

*Telluride*

The recycling industry is coming to the realization that large-volume, single-stream collection and processing models are not the only answer to our recycling needs. Increasingly we're witnessing the successful development of small-scale business models that focus on a narrow segment of the materials waste stream. This session highlights innovative new technology and features four new business ventures that have the opportunity to make an impact in Colorado.

*Speakers:*

Laura Brower, Recycle Projects  
 Brittany Evans, Clear Intentions  
 Ryan Norstadt, Demand Products  
 Jan Rayman, The Rewall Company

*Moderator:*

Graham Russell, TrupointAdvisors

**Concurrent Sessions 2**

**Sustainable Materials Management Workshop**

*Part 2*

11:00 AM - 12:00 PM

*Kokopelli*

The second session in this two-part series focuses on the impacts of SMM on traditional recycling and is an open, moderated audience discussion. The session is designed to help attendees develop and evaluate ideas about how to integrate recycling into the larger picture of sustainability, address the challenges of integrating recycling and find business opportunities in the growing trend towards SMM.

*Moderator:*

Bob Gedert, City of Austin Resource Recovery

**Fed Up With Food Waste**

11:00 AM - 12:00 PM

*Aspen*

Roughly 35% of the material sent to landfill is organic waste. Engaging with your local food-rescue program is one way to minimize the amount of food waste generated and something every community can get behind. Learn about the EPA's new food waste initiative and programs that are addressing the issue in Colorado.

*Speakers:*

Jessie Burley, High Country Conservation Center  
 Lindsey Loberg, Boulder Food Rescue  
 Cameron Poole, Sodexo

*Moderator:*

Virginia Till, EPA Region 8

**What Happened to Free?**

11:00 AM - 12:00 PM

*Telluride*

We've persuaded people that recycling is not only the right thing to do but also cheaper than landfilling. Consequently, people have gotten used to the idea that recycling should be free! The downturn in global commodity markets upsets this thinking in a big way. Most MRFs, both public and private, are now charging haulers to drop off single-stream recyclables, and the cost is being passed on to businesses and residents in their collection fees. Educating people about why they should pay for recycling—especially people with lower incomes—is a major challenge that will be addressed in this session by speakers from different sectors of the recycling industry who have grappled with the problem.

*Speakers:*

Kevin Afflerbaugh, Western Disposal Services  
 Tyler Bandemer, City of Loveland  
 Cameron Garcia, Mesa County Solid Waste

*Moderator:*

David Fridland, Eco-Cycle

**Luncheon Plenary**

**Networking Lunch**

12:00 PM - 1:00 PM

*Grand Ballroom*

**Repurposing? Now, What Can We Do With THAT?**

12:30 PM - 1:30 PM

*Grand Ballroom*

Repurposing is not your traditional recycling. Many materials have value 'as is' and can be diverted from the landfill and solve real problems with a little ingenuity. What can you do with a retired street sweeper brush? Give it a second life as a backscratcher for horses. What can you do with an obsolete ski lift cable? Use it as hand railing in a luxury condo building. This fun and engaging presentation will help you look at 'junk' through a different lens.

*Speaker:*

Damon Carson, Repurposed Materials

**Break in Exhibit Hall**

1:30 PM - 2:00 PM

*Grand Ballroom Foyer*

Grab a snack before you head out on a tour.

**Council Business Meetings**

**Colorado Product Stewardship Council**

2:00 PM - 3:30 PM

*Aspen*

The agenda for this council meeting includes mattress and pharmaceutical recycling and new leadership for the council. Council members and individuals interested in the principles of product stewardship are invited to attend.

**Rocky Mountain Organics Council**

2:00 PM - 3:30 PM

*Telluride*

The agenda for this council meeting includes development of generic language for implementing compost-use requirements, the relationship of composting to climate change and affiliation of RMOC with the United States Composting Council as a state chapter. Composters and individuals interested in composting are invited to attend.



## Tours

2:00 PM - 5:00 PM

Cost: \$12

To register for a tour, visit the registration desk. All tours meet on the sidewalk in front of the conference center; buses depart at 2:00 PM. Transportation provided by Grand Valley Transit, powered by natural gas from Grand Junction's wastewater treatment facility.

### Mesa County Solid Waste Landfill

The Mesa County Landfill opened in 1986 and is owned and operated by Mesa County. The landfill is designed with a 126-acre "footprint" for waste disposal, with nearly 60 acres of the "footprint" now covered with waste materials. Visit the waste management area, including the landfill, hazardous waste collection facility and organic materials composting facility and learn about the county's education program.

### Grand Junction Recycling

Visit three recycling facilities in Grand Junction:

- Grand Junction's recycling center is a one-of-a-kind multi-stream processing facility operated by Curbside Recycling Indefinitely. The city provides curbside service to more than one quarter of the city's solid waste customers.
- Western Metals Recycling shears, bales and sorts ferrous and nonferrous scrap metal.
- Waste Management operates the dual-stream materials recovery facility and electronics drop-off location in Grand Junction.

## Exhibitor Reception

5:00 PM - 7:00 PM

Grand Ballroom Foyer

Network in the Exhibit Hall with the CAFR Board of Directors and staff, sponsors, exhibitors and local dignitaries. Light hors d'oeuvres and refreshments provided.

### Young-at-Heart Professionals Meet-up

7:00 PM

The Ale House

Keep the evening going at The Ale House, just 1.8 miles from the hotel. This is another opportunity to network and make connections within the recycling industry. See details on page 8.

# Tuesday, June 14

## Meet the Executive Director

7:30 AM - 8:00 AM

Grand Ballroom Foyer

Enjoy a continental breakfast and, if you hadn't had a chance already, meet CAFR's executive director, Cara Russell — she's an early bird!



Tag your conference tweets with the hashtag #cafr16.

## Concurrent Sessions 3

### Moving the Recycling Needle in the Front Range

Part I

8:00 AM - 9:00 AM

Kokopelli

Colorado recycles only 12% of its waste. Improving recycling infrastructure and programs in the Front Range would provide a major boost to the state's overall recycling effort. How can communities collaborate? What specific policies and other support from the state would help? This facilitated roundtable discussion examines a host of imaginative ideas – provided by you.

Learn about efforts underway in the Front Range and develop a list of actions that CAFR, communities and businesses can take in the short and long term to increase the diversion rate.

Moderator:

Annamarie Jensen, Jensen Public Affairs

### Rural Recycling: Is It Time for a Marketing Cooperative in Colorado?

Part I

8:00 AM - 9:00 AM

Aspen

We understand the importance of fresh thinking, but innovation that works on the Front Range doesn't necessarily work in rural Colorado. Our statewide hub-and-spoke models have yet to yield truly regional programs and facilities in rural areas. This session focuses on three of the most successful and long-term regional rural recycling programs in operation today. Learn about the pivotal start-up period, funding and operational strategies and how the programs can be tailored to expand recycling in rural Colorado.

Speakers:

Rachel Hering, Cooperative Teamwork & Recycling Assistance

Sarah Pierpont, New Mexico Recycling Coalition

Michael Simpson, Northeast Resource Recovery Association

Moderator: Laurie Batchelder Adams, LBA Associates

### Food Waste to Value

8:00 AM - 9:00 AM

Telluride

The food recovery hierarchy demonstrates that the best ways to reduce the impact of food waste on our economy and environment are (1) not to generate it in the first place and (2) to redirect quality surplus food to organizations for distribution to people in need. Even with the best efforts, some food just can't be rescued. So what can we do? Landfilling of both pre- and post-consumer food waste remains a major source of greenhouse-gas emissions and potential pollution. Technologies are rapidly emerging for processing surplus or waste food into - among other things - animal feed, compost and alternative energy. This session highlights some of the technologies for generating value out of food waste, how they work and their advantages and drawbacks.

Speakers:

Kendall Christiansen, Gaia Strategies

Brendan McCrann, Future Pointe

Bob Yost, A1 Organics

Moderator:

Bryce Isaacson, Western Disposal Services



## Concurrent Sessions 4

### Moving the Recycling Needle in the Front Range

Part 2

9:15 AM - 10:15 AM

Kokopelli

See previous description.

### Rural Recycling: Is It Time for a Marketing Cooperative in Colorado?

Part 2

9:15 AM - 10:15 AM

Aspen

See previous description.

### Colorado's Integrated Solid Waste & Materials Management Plan: Strategies for Materials Management at the State Level

9:15 AM - 10:15 AM

Telluride

This session reviews the goals, programs and policies recommended for materials management in the different regions of Colorado and highlights the findings from the stakeholder meetings, research on wastesheds, economics, barriers and opportunities and comparisons of strategies in other states.

#### Speakers:

Dana D'Souza, Skumatz Economic Research Associates  
Wolf Kray, Colorado Department of Public Health and Environment

Joshua Lee, Burns & McDonnell Engineering

Lisa Skumatz, Skumatz Economic Research Associates

#### Moderator:

David Snapp, Colorado Department of Public Health and Environment

## Break in Exhibit Hall

10:15 AM - 10:45 AM

Grand Ballroom Foyer

### Last chance to bid on Silent Auction items!

The auction closes at 10:45 AM. Winning bids will be posted and items will be available for pick up after 12:15 PM.

## Closing Plenary

### Networking Lunch

10:45 AM - 11:45 AM

Grand Ballroom

### Consumption Emissions and the Waste-Climate Conversation

11:05 PM - 12:15 PM

Grand Ballroom

More than 40% of U.S greenhouse-gas emissions come from our stuff and our food — how we make it, transport it, use it and throw it away. These are called "consumption emissions." When local communities measure consumption emissions, recycling, reuse and composting emerge as priority strategies for reducing greenhouse gases and their impact on our climate. As the world finally begins to get serious about addressing climate change, Colorado needs to hear how other states and communities measure consumption emissions and integrate recycling into their climate action plans.

#### Speakers:

Kate Bailey, Eco-Cycle

Mark Gagliardi, City of Oakland Public Works Department

## 2017 Summit Registration Drawing

12:15 PM

Grand Ballroom

This is your chance to win a free registration to the 2017 Summit for Recycling in Fort Collins, June 4-6. Must be present to win.

## Workshop

### Colorado Climate Plan: Recycling Sector Public Engagement Session

12:45 PM - 2:15 PM

Aspen

Provide feedback to Taryn Finnessey, Climate Change Risk Management Specialist, on Colorado's Climate Plan and the role of recycling, composting and reuse in the plan.

#### Facilitator:

Taryn Finnessey, Colorado Department of Natural Resources

JUNE 4-6SAVE  
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2017

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SUMMIT  
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