

# Symposium for Sustainable Infrastructure – Rocky Mountain Region

Boulder, Colorado | May 23, 2016

*Integrating Sustainability into Infrastructure Development*





## Conference Overview

Infrastructure is an essential component of national economic competitiveness and social well-being. Designing and delivering infrastructure systems that truly contribute to sustainability throughout their service life is the theme of this full-day symposium.

Attendees will:

- Meet and talk with academic, government and consulting experts in the infrastructure sustainability field
- Network with students, engineers, environmental professionals and the general public on the importance of the sustainability concept
- Understand sustainability concepts and how they can be integrated into engineering projects
- Participate in interactive discussions with technical panels and attendees; learn real world sustainability applications
- View student posters on sustainability research projects
- Interact with sustainability professionals about engineering and sustainability opportunities
- Learn from case studies on how sustainability was used in projects and for life cycle benefits
- Meet and talk with corporate and agency sponsors who are using sustainability concepts
- Meet professionals at industry tables for potential employment opportunities
- Enjoy a beer garden after the symposium for informal networking discussion

## Conference Program

The conference will be on May 23, 2016 in the Wittemyer Courtroom located in the University of Colorado Boulder Campus' Wolf Law Center. Registration will include the full day program plus breakfast, lunch, breaks and a beer garden social after the presentations. **Registration also includes free parking on campus.** The Symposium planners encourage participation from all areas, including engineering firms, government agencies and academia. Students are especially encouraged to attend, and a special rate is offered with proof of student status.



The Sustainability Committee of ASCE Colorado Section and the University of Colorado-Boulder's Department of Civil, Environmental and Architectural Engineering will be hosting the Symposium for Sustainable Infrastructure – Rocky Mountain Region on May 23, 2016 on the University of Colorado Campus in Boulder, CO. They invite you to support the program and showcase marketing brochures at the event.

### Corporate Sponsor – \$750

For companies with > 25 employees  
in Colorado

Recognition Highlights:

- Two full conference registrations
- Exhibit table at event
- Recognition throughout the event
- Attendee list post-conference
- Recognition on conference signage
- Recognition on the conference website

### Corporate Sponsor – \$375

For companies with < 25 employees  
in Colorado

Recognition highlights:

- One full conference registration
- Exhibit table at event
- Recognition throughout the event
- Attendee list post-conference
- Recognition on conference signage
- Recognition on the conference website

**Add to your sponsorship level by supporting one of the following (must also register as Corporate Sponsor):**

### Breakfast Sponsorship

**\$500**

Recognition highlights:

- Exclusive to one sponsorship
- Recognition on conference signage during breakfast
- Recognition on the conference website

### Lunch Sponsorship

**\$500**

Recognition highlights:

- Exclusive to one sponsorship
- Recognition on conference signage during lunch
- Recognition on the conference website

### Beer Garden - Social Hour Sponsorship

**\$400**

Recognition highlights:

- Exclusive to one sponsorship
- Recognition on conference signage during social hour
- Recognition on the conference website

### Break Sponsorship

**\$300**

Recognition highlights:

- Exclusive to one sponsorship per break – two sponsorships total
- Recognition on conference signage during one break
- Recognition on the conference website

<b>12:45 - 1:30</b>	<b>Resiliency and Climate Change</b> Moderator - Douglas G. Smith P.E., J.D., Assistant Dean for Programs and Engagement, College of Engineering and Applied Science, University of Colorado  <b>Featured Speaker – <i>Building a Statewide Resiliency System</i></b> Molly Urbina, Executive Director, Colorado Resiliency and Recovery Program  <b>Questions and Discussion</b>	Witemyer Courtroom
<b>1:30 - 3:15</b>	<b>Sustainable Urban Environments Session</b> Moderator - Michael Mucha, P.E.  <b>Keynote Speaker - <i>Low and No Cost Construction</i></b> Peter Lucking, Associate, Construction Economist, Vermeulens  <b><i>Earth Energy Systems</i></b> Dr. Masami Nakagawa, Associate Professor, Colorado School of Mines  <b><i>Sustainable Building Systems</i></b> Dr. Svetlana Olbina, Associate Professor, Construction Management, Colorado State University  <b>Panel Discussion</b>	Witemyer Courtroom
<b>3:15 - 3:30</b>	<b>Break</b>	Foyer/Reception Hall
<b>3:30 - 4:00</b>	<b>Panel Discussion</b> Moderator - Michael Mucha, P.E.	Witemyer Courtroom
<b>4:00 - 4:30</b>	<b>Conference Wrap Up</b> Moderator - Michael Mucha, P.E.	Witemyer Courtroom
<b>4:30 - 5:30</b>	<b>Networking/Social Hour - Sponsored by Upslope Brewing Company</b>  <b>Poster Session/Industry Sponsor Tables</b>	Patio  Foyer/Hallway/Reception Hall

<b>7:00 - 7:30</b>	<b>Poster/Industry Sponsor Table Setup</b>	Foyer/Hallway/Reception Hall
<b>7:30 - 8:30</b>	<b>Registration/Poster Session/Continental Breakfast</b>	Foyer/Hallway/Reception Hall
<b>8:30 - 9:45</b>	<b>Welcome Statement/Opening Session</b> Moderator - Michael Mucha, P.E., Chief Engineer and Director for the Madison Metropolitan Sewerage, and Past National ASCE Sustainability Committee Chairman  <b><i>What Civil Engineers Need to Know About Sustainability</i></b> Bill Wallace, ENV-SP, Founder and President Wallace Futures Group LLC and Member National ASCE Sustainability Committee  <b><i>What (Economists Think) You Need to Know About Sustainability</i></b> Dr. Jonathan Hughes, Assistant Professor of Economics, Environmental Studies Program, School of Environmental Design, University of Colorado  <b><i>Importance of Sustainability in the Transportation Process</i></b> Josh Laipply, P.E., Chief Engineer, Colorado Department of Transportation  <b>Panel Discussion</b>	Witemyer Courtroom
<b>9:45 - 10:00</b>	<b>Break</b>	Foyer/Reception Hall
<b>10:00 - 11:45</b>	<b>Resilient Infrastructure Session</b> Moderator - Michael Mucha, P.E.  <b>Keynote Speaker – <i>Resilience to Weather and Climate Events through Graceful Failure</i></b> Dr. Mari R. Tye, CEng, Research Scientist, Regional Climate Change Section, National Center for Atmospheric Research, Earth System Laboratory  <b><i>Sustainability Principles for Drinking Water and Reuse Treatment</i></b> Paul Swaim, P.E., Vice President, Technology Fellow and Deputy Director of Drinking Water & Reuse, CH2M  <b><i>Sustainable Infrastructure Projects at Denver International Airport</i></b> Scott Morrissey, Acting Senior Director, Sustainability, Denver International Airport  <b>Panel Discussion</b>	Witemyer Courtroom
<b>11:45 - 12:45</b>	<b>Buffet Lunch</b>	Reception Hall/Patio
	<b>Poster Session/Industry Sponsor Tables</b>	Foyer/Hallway/Reception Hall

## Conference Location

### Wolf Law Center

Witemyer Courtroom  
401 UCB  
2450 Kittredge Loop Road  
Boulder, CO 80309

**Parking included with paid registrations (except for students) – see map below.**

## Registration

### Fees

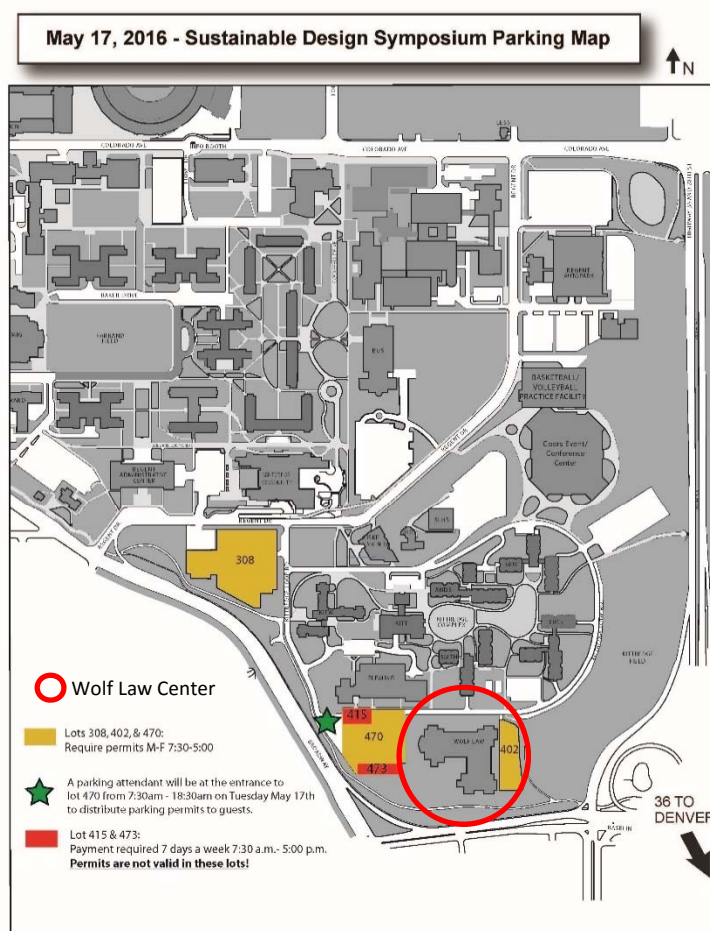
- Registration \$105 before March 31  
\$130 March 31 - May 6  
\$160 after May 6
- Students \$10
- Corporate Sponsors \$750 (25 or more staff In Colorado)  
\$375 (less than 25 staff In Colorado)
- Breakfast Sponsor \$500 (one available)
- Lunch Sponsor \$400 (one available)
- Beer Garden Sponsor \$400 (one available)
- Break Sponsor \$300 (two available)

Registrations will be processed by ASCE Colorado Section – Sustainability Committee. Online registration is available at [www.coloradoasce.org](http://www.coloradoasce.org). Click on the link for **Symposium for Sustainable Infrastructure – Rocky Mountain Region**. Late payment will be accepted at the door.

For more information, contact:

Conference: Becky Roland  
303-551-3266  
[staff@coloradoasce.org](mailto:staff@coloradoasce.org)

Sponsorship: Will Koger  
720-232-6644  
[wkoger@forsgren.com](mailto:wkoger@forsgren.com)





# Symposium for Sustainable Infrastructure

## Registration Form

**Registration Fees: Full and Student Registrations Includes:** Technical Sessions, Breakfast, Refreshment Breaks, Lunch and Beer Garden Social. Full Registration also includes parking on campus.

	Qty	Cost	Total
Full Registration (if received by March 31)		\$105	
Full Registration (if received between March 31 – May 6)		\$130	
Full Registration (if received after May 6)		\$160	
Student Registration (Student ID required) – no parking included		\$ 10	
Corporate Sponsor (Large – 25 or more staff in Colorado)		\$750	
Corporate Sponsor (Small – less than 25 staff in Colorado)		\$375	
Breakfast Sponsor (must register as Corporate Sponsor)		\$500	
Lunch Sponsor (must register as Corporate Sponsor)		\$500	
Beer Garden Social Sponsor (must register as Corporate Sponsor)		\$400	
Break (AM or PM) Sponsor (must register as Corporate Sponsor)		\$300	
Total Enclosed:			\$

### Method of Payment:

**Check:** Please make checks payable to ASCE Colorado Section.

**Credit Card:** Number \_\_\_\_\_  
Exp. Date \_\_\_\_\_ CID \_\_\_\_\_

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City, State Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

**Cancellation Policy:** Cancellations will receive a full refund, less a \$35 Administration Fee until May 15. No refunds will be issued after May 15.

**Send form and payment to:** ASCE Colorado Section, PO Box 441069, Aurora, CO 80044, Fax: 720-230-4846.

For more information, and to register online go to [www.coloradoasce.org](http://www.coloradoasce.org).