



**SOUTH CENTRAL**  
CLIMATE SCIENCE CENTER

**SOUTHERN PLAINS**  
TRANSPORTATION CENTER

**3<sup>rd</sup> ANNOUNCEMENT and CALL FOR REGISTRATION**  
for the  
**Region 6 Transportation-Climate Summit**

**HOSTED BY:** The Southern Plains Transportation Center (SPTC) and the South Central – Climate Science Center (SC-CSC)

**VENUE:** The National Weather Center, Norman, Oklahoma

**DATE AND TIMES:** Sept. 30, 2014 8:30 am – 3:30 pm

**BACKGROUND AND PURPOSE:** Our transportation systems are facing increasing challenges due to extreme weather and climate variability. For example, rising seas, increasing storm severity, extreme temperature cycles, severe winter snows and droughts are creating increasing demands on infrastructure and operations. Transportation officials, engineers and scientists must come together with the weather and climate community to develop viable solutions to these complex and costly challenges.

The purpose of this summit is to bring together weather and climate and transportation specialists to educate one another, spur new ideas and promote fruitful collaborations for research at and between our regional universities, transportation departments and government research institutions. We have an exciting program planned, with renowned experts from the climate, weather, and transportation sectors setting the stage for productive discussions. There will also be ample networking time, with breaks and lunch held in the beautiful National Weather Center Atrium.

**REGISTRATION:** There is no cost to register for the one-day summit. However, all attendees must be registered so that the organizers may plan in advance. Due to space limitations, registrations will be limited to 200 persons. **Please do not register unless you plan to attend.** The deadline to register for this event is September 22, 2014.

To register, please complete the following survey:

<https://ouengineering.wufoo.com/forms/transportation-climate-summit-registration/>

**HOTEL ACCOMODATIONS:** Two local hotels have been blocked at special rates for Sept. 29 and 30, 2014. The Embassy Suites hotel nestled in the University North Park Retail and Business Development, conveniently located close to the University of Oklahoma. The Marriott NCED Conference Center and Hotel, with resort-style amenities and warm hospitality, within close proximity to the University of Oklahoma. When making your reservation, please reference the Transportation Climate Summit.

#### **TRAVEL AND DIRECTIONS:**

**Embassy Suites Hotel &  
Conference Center**  
2501 Conference Drive, Norman, OK.  
73069  
(866) 577-1273

*Reservations must be placed by no later than 9/5/2014 to receive special rate*

From Will Rogers World Airport –  
Take I-44 W to I-240 at exit 1A.  
Exit 4A onto I-35 S.  
Take Tecumseh Rd. exit.  
Turn left onto W Tecumseh Rd.  
Turn right on 24th Ave.  
Turn left onto Conference Dr.

**NCED Conference Center and Hotel**  
2801 East State Hwy 9, Norman, OK.  
73071  
(405) 447-9000

*Reservations must be placed by no later than 9/9/2014 to receive special rate*

From Will Rogers World Airport  
Take I-44 W to I-240 at exit 1A. Exit 4A onto I-35 S.  
Take the OK-9 E exit, EXIT 108A, toward UNIV. OF OKLA./TECUMSEH  
Stay STRAIGHT to go onto OK-9 E  
Continue going east, hotel will be on the left side (about 10 miles)

For accommodations on the basis of disability, please contact The Southern Plains Transportation Center at (405) 325-4682 for assistance.

**CONTACTS:** Please contact Sonya Brindle (SPTC) at [sbrindle@ou.edu](mailto:sbrindle@ou.edu) or Aparna Bamzai (SC-CSC) at [aparna@ou.edu](mailto:aparna@ou.edu) for more information.

**PROFESSIONAL DEVELOPMENT HOURS (PDHS):** Technical content covered in the program is equivalent to five professional development hours (PDH). For those interested, please indicate your preference in the survey during online registration. Certificates will be distributed at the conclusion of the event.

**PROGRAM:** We are very excited about the participation of our renowned invited speakers noted below. Please refer to our web-site for their biographical information.

8:30 am - 9:00 am	Welcoming Remarks
9:00 am - 9:30 am	<i>“Overview of SPTC and SC-CSC Activities and Opportunities,”</i> by <b>Dr. Musharraf Zaman</b> and <b>Dr. Renee McPherson</b>
9:30 am - 10:15 am	<i>“Approaches to Asset Management and Adaptation to Climate Variability and Extreme Weather,”</i> <b>Dr. Michael Meyer</b> (Senior Advisor to Parsons Brinckerhoff)
10:15 am - 10:45 am	Refreshments/Networking Break
10:45 am – 11:30 am	<i>“Regional Weather Variability and Weather Forecasting,”</i> <b>Dr. Harold Brooks</b> (NOAA National Severe Storm Laboratory)
11:30 am – 12:15 pm	<i>“Climate Impacts (storm intensification, relative sea level rise) on Coastal Flooding and Implications for Civil Infrastructure,”</i> <b>Dr. Kendra Dresback</b> (University of Oklahoma)
12:15 pm – 1:15 pm	Lunch/Networking Break
1:15 pm – 2:00 pm	<i>“Climate Variability and Long-Term Trends in the Southern Great Plains,”</i> <b>Dr. Katharine Hayhoe</b> (Texas Tech and SC-CSC)
2:00 pm – 2:45 pm	<i>“Big Data and Pavement Engineering in a Changing Climate,”</i> <b>Dr. Kelvin Wang</b> (Oklahoma State University and Associate Director SPTC)
2:45 pm – 3:15 pm	Refreshment/Networking Break
3:15 pm – 3:30 pm	<i>“Closing Comments – Research Needs and Promoting Collaborations between Transportation and Weather-Climate Researchers,”</i> <b>Dr. Renee McPherson</b> (University of Oklahoma and Director SC-CSC) and <b>Dr. Musharraf Zaman</b> (University of Oklahoma and Director SPTC)