

# 10th Annual Sustainability Conference

## Smart Cities:

### Transforming Cities for a New Era

Wednesday, March 6, 2019

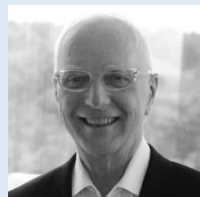
August Wilson Center – Downtown Pittsburgh



Exponentially increased computing power has played an astounding role in driving urban growth in the 21<sup>st</sup> century. This powerful dynamic presents an opportunity to consider conscious urban planning in a new and "smarter," data-driven way. Across the globe, public and private industries are advancing new cutting-edge smart technology to more efficiently manage resources, thereby promoting sustainable development for improved environmental and social outcomes. These technologies span many applications, including energy grids, transportation, water utility systems, waste management, air quality, and public safety. Engineers, city planners, and scientists are implementing innovations such as predictive modeling, interconnected systems integration, and near-real-time smart infrastructure data analytics. Presenters at this year's conference will discuss these innovative practices and their significant, tangible benefits for cost savings, the environment and social equity. Come learn how Pittsburgh and other leading cities are positioning to reap the benefits of smart infrastructure for greater efficiency and quality of life.

#### Keynote:

*Smart Cities: A Global Perspective*



**Donald Carter**  
Director  
Remaking Cities Institute  
Carnegie Mellon University

**Topics to be covered:** Latest updates in "Smartifying" the City of Pittsburgh, smart technology breakthroughs, and research; the future of urban infrastructure; and societal impacts including the future of work and workforce development

#### Other Featured Speakers:

**Grant Ervin and City of Pittsburgh Officials** - Chief Resilience Officer, City of Pittsburgh  
**Katrina Kelly-Pitou, Ph.D.**, Energy GRID Institute, University of Pittsburgh  
**Thomas Guentner** - Program Manager, Landforce  
**Karen Lightman** - Executive Director, Metro21:Smart Cities Institute, Carnegie Mellon Univ.  
**Sean Luther** - Executive Director, InnovatePGH  
**Christine Mondor, AIA, LEED AP** - Principal, evolveEA  
**Scott Rowland, PE**, Principal/Vice President, Langan  
**Anna Siefken** - Executive Director, Scott Institute for Energy Innovation, Carnegie Mellon Univ.

#### Conference Hosted By:

The American Society of Civil Engineers (Pittsburgh Section)  
The Environmental and Water Resources Institute (Pittsburgh Chapter)  
Metro21: Smart Cities Institute, Carnegie Mellon University  
Sustainable Pittsburgh / Champions for Sustainability

#### In Collaboration With:

The City of Pittsburgh Mayor's Office  
American Public Works Association (Western PA Chapter)

**For full program and to register for the conference visit:**

<https://tinyurl.com/2019-ASCEPGH-SUSTAIN>

8:00 am - Breakfast and Registration

8:30 am–3:00 pm - Program (Lunch Provided)

Cost: \$40 ASCE/EWRI/SP/APWA Members, \$50 Non-Members

\$20 Government/Nonprofit, \$10 Students

*PDH Certificate Upon Attendance*



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