

# Climate Resilient Smart Cities: Human-Technology Integration

Jointly Hosted by:

Board on Environmental Change and Society (BECS) *and* Board on Human-Systems Integration (BOHSI)

**December 3, 2019**

The National Academies

500 5th Street N.W.

Washington, DC

**Keck 100**

## SEMINAR OBJECTIVES

The objective of the seminar is to explore human-technology integration alongside smart city technologies and methodologies that are being designed and deployed to enhance urban climate resilience and benefit all members of communities.

## AGENDA

- 8:30-9:00am: Registration
- 9:00-9:30am: Welcome & Introductions
- Dr. Toby Warden, BOHSI/BECS Board Director
  - Dr. Pascale Carayon, BOHSI Chair
  - Dr. Kristie L. Ebi, BECS Chair
- 9:30-10:15am: Keynote: Dr. Carlo Ratti, Professor of Urban Technologies and Planning
- Director, SENSEable City Lab, Massachusetts Institute of Technology
- 10:15-10:30am: Break
- 10:30-11:15am: Sociotechnical Solutions for Climate Response Strategies  
[Facilitated by: Dr. Najm Meshkati, BOHSI Member]
- Speakers
    - Dr. Vivek Shandas, Professor of Climate Adaptation, Portland State University and Principal, CAPA Strategies LLC **(Via ZOOM)**
    - Charlie Catlett, Argonne National Laboratory **(Via ZOOM)**
    - Dr. J. Derek Loftis, StormSense Lead and Assistant Research Scientist, Virginia Institute of Marine Science, College of William & Mary
- 11:15am-12:00pm: **Panel Discussion**
- 12:00-1:00pm: Lunch
- 1:00-1:45pm: From Smart Buildings to Smart Cities: Current Status and Future Trends  
[Facilitated by: Dr. Jalonne White-Newsome, BECS Member]
- Speakers
    - Dr. Christine Kendrick, Smart City PDX Coordinator, City of Portland, Oregon
    - Aarti Tandon, JD, Co-founder and CEO, Smart City Expo
    - Sandra Baer, MBA, President, Personal Cities

1:45-2:30pm:

**Panel Discussion**

2:30-3:15pm:

Theme Discussion and Wrap-Up

- Dr. Pascale Carayon, BOHSI Chair
- Dr. Kristie L. Ebi, BECS Chair