

2nd NIAC Workshop on Urban Science & Engineering

February 2-3, 2016

NHS Hall, Center for Urban Horticulture
University of Washington

Keynote Speakers:



Dr. Charles Catlett
Argonne National
Laboratory/University
of Chicago

Director, Urban Center for
Computation and Data



Dr. Paul Waddell
University of California,
Berkeley

Professor of City & Regional
Planning

Cities house more than 70% of the U.S. population; provide essential services for states, regions, and the nation; and are hubs for innovation. Yet, cities also face enormous challenges. They consume a major portion of the nation's energy, produce a corresponding amount of greenhouse gases, are saddled with aging infrastructures, and plagued with traffic congestion. Cities also are vulnerable to major disruptive events (e.g., earthquakes, tsunamis, hurricanes, disease outbreaks, and cyber attacks) for which they often are ill prepared. In addition, all cities must cope with the changes wrought by climate change.

Advances in computing, communications, and sensor technologies offer the possibility of dramatically advancing our understanding of the behavior of cities, as well as fuel hopes that such knowledge can help enhance a city's efficiency, sustainability, resiliency, and livability.

In addition to the keynote speakers, the **2nd Workshop on Urban Science & Engineering** will feature presentations from the City of Seattle, Puget Sound Regional Council, University of Washington, Pacific Northwest National Laboratory, and other institutions in the greater Seattle area.

There is no registration fee for the event. However, as seating is limited, attendees are asked to register as soon as possible. For additional details and to register, visit: http://niac-uw.org/workshops-events/urban_workshop2016.html.

*Hosted by: Northwest Institute for Advanced Computing in partnership with the
eScience Institute and Urban@UW.*