

NIAC: Workshop on Urban Science & Engineering Agenda

Location: Puget Sound Regional Council Conference Room
1011 Western Ave., Seattle

Morning Session

- 8:30** Welcome to Puget Sound Regional Council
➤ Patrick Pierce, Program Manager - Economic Development, PSRC
- 8:35** Meeting Objectives
➤ Thom Dunning, NIAC Co-Director, PNNL
- 8:45** Modeling Urban Environments
➤ Marina Alberti, Professor, College of Built Environment, University of Washington
- 9:15** Smart Buildings Smart Cities
➤ Darrell Smith, Director of Facilities & Energy, Microsoft
- 9:45** Big Data and Cities
➤ Bill Howe, Associate Director eScience Institute and Associate Faculty, CS&E, University of Washington
- 10:15** Open Discussions
- 10:30** Energy-efficient Buildings, Districts and Cities
➤ Vince Martinez, Director of Research, Architecture 2030
- 11:00** Cities and Disaster Preparedness
➤ Kate Allstadt, University of Washington
- 11:30** Platform for Regional Integrated Modeling & Analysis Initiative
➤ Kathy Hibbard, PRIMA Chief Scientist, PNNL
- Noon** Working Lunch: NIAC's Role in Urban Science and Engineering
➤ Vikram Jandhyala, NIAC Co-Director and Vice Provost for Innovation, University of Washington

Afternoon Session

Session Moderator:

Vikram Jandhyala, NIAC Co-Director and Vice Provost for Innovation, University of Washington

- 1:00** **Open Forum**
➤ Major challenges in urban science and engineering
➤ Interest in making the Seattle area a testbed for studying cities as complex entities
- 3:00** **Session Wrap Up/Next Steps**
- 3:30** **Workshop Concludes**