

## SUSPIRE Workshop

### Sustainable Urban Systems: Predictive, Interconnected, Resilient, and Evolving

SUSPIRE will bring together more than 100 Chicago and Great Lakes area community members and stakeholders drawn from academia, industry, foundations, community organizations, government, technology and environmental organizations, and the arts and humanities. These participants will identify new research questions and methodologies to advance a sustainable urban systems research network that addresses not only science and engineering topics, but also social, behavioral, and economic considerations.

#### Chairs

**William M. Miller**, Professor, Chemical and Biological Engineering and Director, Center for Engineering Sustainability and Resilience (CESR), Northwestern University (NU)

**Jennifer B. Dunn**, Research Associate Professor, Chemical and Biological Engineering, NU, and Director of Research, NAISE, Associate Director of CESR

**Peter H. Beckman**, Senior Computer Scientist, Argonne National Laboratory, and Co-Director, Northwestern-Argonne Institute of Science and Engineering (NAISE)

**Charles E. Catlett**, Director, Urban Center for Computation and Data (UrbanCCD), University of Chicago (UChicago)

#### Steering Committee

**William Abolt**, Vice President, AECOM

**Habibul Ahsan**, Dean, Population and Precision Health, UChicago

**Brenna Berman**, Executive Director, City Tech Collaborative

**Kimberly Gray**, Professor and Chair, Civil and Environmental Engineering, NU

**Danielle Kizaïre**, Vice President, Bronzeville Urban Development (BUD)

**Ralph Muehleisen**, Principal Building Scientist, ANL. Joseph Schofer, Professor, Civil and Environmental Engineering, NU

**Karen Weigert**, Vice President Business Strategy and Regional Operations, Slipstream

**Donald Wuebbles**, Professor, Atmospheric Sciences and Director, Center for Urban Resilience and Environmental Sustainability, University of Illinois, Urbana-Champaign (UIUC)

#### Organizing Committee

**Amy Ando**, Professor, Agricultural and Consumer Economics, UIUC

**Scott Collis**, Atmospheric Scientist, ANL

**Monique Cook-Bey**, Chief Programs Officer, Chicago Youth Programs

**Josh Ellis**, Vice President, Metropolitan Planning Council (MPC)

**Christine Esposito**, President and Chief Connections Officer, Terracom and The Ex.Change Project

**Angie Fyfe**, Executive Director, ICLEI USA

**Demetria Giannisis**, Sr. Director Operations & Outreach, Institute for Sustainability and Energy at Northwestern (ISEN)

**Daniel Horton**, Assistant Professor, Earth and Planetary Sciences, NU

**Megan Kashner**, Clinical Assistant Professor & Director of Social Impact, Kellogg Public-Private Initiative, Kellogg

**Daniel Kushner**, Principal Business Analyst, Smart Grid and Technology, Commonwealth Edison (ComEd)

**Lorena Lopez**, Community Engagement Specialist, The Field Museum

**Edith Makra**, Director of Environmental Initiatives, Metropolitan Mayors Caucus

**Iñigo Manglano-Ovalle**, Professor of Art Theory and Practice, NU

**Jason Navota**, Director of Planning, Chicago Metropolitan Agency for Planning (CMAP)

**Douglas Pancoast**, Head of R&D for Urban Mobility, Robert Bosch LLC; Associate Professor, School of the Art Institute of Chicago

**Katherine Moore Powell**, Climate Change Ecologist, The Field Museum

**Michelle Shumate**, Professor, Communication Studies, NU

**Amanda Stathopoulos**, Assistant Professor, Civil and Environmental Engineering, NU

**George Wells**, Assistant Professor, Civil and Environmental Engineering, NU

**Liuxi (Calvin) Zhang**, Manager, Emerging Technology, ComEd