

# **Sensing LA: A workshop on scalable, affordable, and ready-to-use technologies for a sustainable city**

*Sponsored by the Center for Embedded Networked Sensing  
and the Henry Samueli School of Engineering and Applied Science*

February 5, 2009, 9:30 am – 3 pm  
DeNeve Plaza, UCLA Campus

## **Agenda**

- 9:30 Coffee, snacks
- 10:00 Welcomes, introductions, and context setting
- 10:15 **Panel 1. Cost savings, efficiency improvements, and environmental reporting through rapidly deployable, cost-effective infrastructure-based monitoring**  
*Confirmed panelists: Bill Kaiser, UCLA; Magali Delmas, UCLA, Ken Johnson, Jet Propulsion Laboratory; Jonathan Leung, LA DWP*  
This panel will explore the application of new technologies and approaches for monitoring of resource use in the context of demand side management, resources and waste inventory reporting, and other factors related to metering and compliance with current and future environmental regulations. Case studies on energy and water metering and traffic monitoring will be presented.
- 11:15 **Presentation. Personal Mobile Sensing for Eco-Responsibility**  
*Deborah Estrin, UCLA*  
This presentation examines the role of mobile monitoring devices and infrastructure to promote understanding by individuals of their effect on environmental factors related to sustainability. Data collected with by mobile phones, alone or in combination with a variety of existing environmental data sources, can provide an illuminating window on one's own relationship to the environment. Case studies on the Personal Environmental Impact Report and investigations into the sustainability-related resources on the UCLA campus will be presented.
- 11:30 Lunch
- 12:30 **Panel 2. Engaging citizenry to inform and contribute to public works projects**  
*Confirmed Panelists: Jeff Burke, UCLA; Carol Armstrong, LA River Revitalization Master Plan; Jeff Brown, California State Parks; Chris Espinosa, Office of the Mayor of LA; Simon Pastucha, Urban Design Studio*  
Culture, heritage, participation, data, science and engineering, and technology all meet in public works. This panel highlights ways to engage citizens with the City's most significant public works projects, using new technologies that enable participation of a relevance and scale never seen before. This approach can create a new kind of public record of people, places, and resources, by enabling the citizens implicated in development projects to become a resource for themselves and for the City. It can make citizens more effective guides, advocates, historians, storytellers, scientists, researchers, and decision-makers for the work that will re-form the landscape of Los Angeles once again over the next 20 years. And it can add to the City's history of constant transformation a legacy of stewardship and participation. Case studies focus on the design of the Los Angeles State Historic Park and documentation of culturally-relevant aspects of the city.
- 1:30 Group discussion, agenda refinement for breakout groups, charge to breakout groups
- 1:45 Breakout groups meet
- 2:30 Breakout group reports; Plan next actions
- 3:00 Adjourn