CyberGIS Distinguished Speaker Series 2014

Visiting Speaker:

DR. BUDHENDRA BHADURI

MAPPING SCIENCES COMMITTEE OF THE NATIONAL ACADEMY OF SCIENCES/NATIONAL RESEARCH COUNCIL

Big Data for Future Energy and Urban Infrastructures: Challenges and Opportunities

In this rapidly urbanizing world, unprecedented rate of population growth is not only mirrored by increasing demand for energy, food, water, and other natural resources, but has detrimental impacts on environmental and human security. Much of our scientific and technological focus has been to ensure a sustainable future with healthy people living on a healthy planet where energy, environment, and mobility interests are simultaneously optimized. Ability to observe and measure through direct instrumentation of our environment and infrastructures from buildings to planet scale, coupled with explosion of data from citizen sensors brings much promise for capturing the social/behavioral dimension and provides a unique opportunity to manage and increase efficiencies of existing built environments as well as design a more sustainable future. This presentation will explore the intriguing developments in the world of Big Data and plausible ways citizens can all become part of the open data economy for advancing science and society.

MARCH 19
10:30–11:30AM
NCSA BUILDING ROOM 1040

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