

URBAN GROWTH SEMINAR SERIES

FUTURE OF SUSTAINABLE CITIES: PLANNING, POLICY, AND TECHNOLOGY

Co-sponsored by
USC Price School of Public Policy and
The USC Center for Sustainable Cities

URBAN INFRASTRUCTURE PLANNING IN THE ECOLOGICAL AGE



Russell Fortmeyer

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Russell Fortmeyer is a design journalist, electrical engineer, and sustainability consultant with the Los Angeles office of the global engineering firm, Arup, which he first joined in 1999. In this capacity, he is involved in master planning, building projects and advanced digital modeling analysis, sustainability framework development, and built environment research. He holds a BS in Architectural Engineering from Kansas State University and MA in Architecture from the University of California at Los Angeles.

A former technology editor for the magazine *Architectural Record* and a frequent contributor to design publications, Russell is interested in the intersection between people, architecture, and technology. His key projects have included the Seattle Public Library, TreePeople Center for Community Forestry in Los Angeles, Kinghorn Cancer Center in Sydney, Australia, and Banner Estrella Medical Center in Phoenix, among many others.

Russell serves on the boards of the LA Forum for Architecture and Urban Design and the LA chapter of the US Green Building Council. He is a member of the applied studies faculty at the Southern California Institute of Architecture and has lectured at numerous architecture schools, including the University of Southern California, University of Sydney, and the University of New South Wales. He is a technology columnist for the magazine *Architectural Review Australia* and has contributed to several books, including *Emerald Architecture: Case Studies in Green Building*. His book, *Kinetic Energy: Innovative Facades*, is due from Images Publishing in late 2012.

About the talk... The last 10 years has brought the concept of the “eco city” to the forefront of planning discussions in industrially developing countries, where considerations of sustainability and environmental performance have been instrumentalized as planning and building codes reliant on new layers of infrastructure planning inspired by systems thinking. Eco cities adopt closed-loop systems models for efficiency and conservation under the guise of “net zero” or “low-carbon” or “resource positive,” as well as social and political compacts to maintain them. These models have also found use in mature cities, where legacy infrastructure is now over-taxed and local economies cannot support further investment. This lecture will explore best practices in urban infrastructure planning through a consideration of several case studies from throughout the world.

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TUESDAY, APRIL 10TH | 12:15PM-1:30PM

USC RALPH AND GOLDY LEWIS HALL, ROOM 101

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