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CEE691/EE699/ME691 Seminars in Renewable Energy and Island Sustainability (REIS)

Sustainable Resilience and/or Resilient Sustainability: Implications for Urban Planning

Karl Kim, Ph.D
Professor of Urban and Regional Planning karlk@hawaii.edu

Location: Holmes Hall 247, Date: Thursday, September 22, 2016, Time: 4:30 – 5:30 pm

About the speaker:

Executive Director of the National Disaster Preparedness Training Center (ndptc.hawaii.edu) and Chairman of the National Domestic Preparedness Consortium (ndpc.us), Dr. Kim holds appointments in planning, architecture and the Center for Korean Studies. He also directs the graduate program in Disaster Management and Humanitarian Assistance. Previously, Dr. Kim served as the chief academic officer (Vice Chancellor for Academic Affairs) of the Manoa campus, overseeing tenure and promotion, strategic planning, accreditation, and international programs. He has served as Editor of Accident Analysis and Prevention and is currently editing a 10 volume series on disaster risk reduction and resilience (Routledge Press). He has been a Fulbright Scholar to Korea and the Russian Far East. He was educated at Brown University and the Massachusetts Institute of Technology. Hs current research interests include transportation, urban planning and disaster risk reduction.

Abstract

The presentation covers recent research on collective risk management and the role of planners, architects, and engineers in the design and building of resilient sustainable cities. Drawing on experiences in Hawaii and in the Asia-Pacific region, different models and tools for collecting data, assessing risks, and managing urban systems are described. There is increased need to look across different hazards and threats and also consider diverse capabilities, needs, and vulnerabilities in the design of sustainable strategies for resilient communities. Resilience, moreover, supports the longer term sustainability of communities. Opportunities for research, education and training are also presented.