

Deane Evans

Executive Director, Center for Building Knowledge, Center for Resilient Design at New Jersey Institute of Technology

Newark, NJ, US

Deane Evans focuses on creating innovative ways to improve the built environment through better design, better technology and new insights.

Biography

Deane Evans has three roles at NJIT: he's executive director of both the Center for Building Knowledge and Center for Resilient Design and associate dean of research at Hillier College of Architecture and Design. The centers focus outwardly on getting professionals to rethink how they design and build, through research, demonstration, training and outreach projects. His centers receive financial support from foundations, private sector corporations, utility companies, energy efficiency programs, and federal agencies, including the U.S. Department of Energy. Evans also is a licensed architect who earlier in his career worked in the private sector, at the American Institute of Architects and at the U.S. Department of Housing and Urban Development. Currently, he is advocating for "opportunistic retrofitting" in capital projects such as replacing roofs, siding, windows and HVAC systems. That will make the buildings super energy efficient long-term, while taking advantage of a project "like residing" that homeowners are already doing anyway for non-energy reasons. He calls it "future-proofing the country," adding, "You put every building on a path to sustainable resilience." Also, with some 1 million homes re-sided every year in the U.S., this can have a significant impact right away. Evans also studies microgrids, examining issues around planning, financing, procurement and jurisdiction. This research is funded in part by the DOE.

Areas of Expertise

Architecture and the Built Environment, Energy Efficient Buildings, Opportunistic Retrofitting, Resilient Design and Construction, Microgrids Planning, Protection and Control, Building Science, LEED AP, Infrastructure, Energy - Infrastructure Technologies

Affiliations

American Institute of Architects : Fellow

Education

Columbia University

M.A. Architecture

Yale University

B.A. Liberal Arts and Sciences, General Studies and Humanities

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