



Ecological Design with Green Roofs

Paul Kephart

rana creek, Living Architecture

Carmel Valley

(USA)

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Short description of the speaker

A biologist by training and self-proclaimed 'restoration ecologist' Paul Kephart has fashioned a calling that in the United States didn't exist a decade ago; he makes roofs come to life.

Biographical details or background information

Executive Director and Owner of Rana Creek Habitat Restoration - A trained biologist and dedicated ecologist, Paul Kephart has over twenty years of diverse experience in the field of ecological design. Positioned as one of the leading green roof consultants in the Western Hemisphere, Paul applies ecological design alternatives to conventional development through vegetative building systems. He is recognized as one of the top horticulture experts in North America, designing 'living roofs' dedicated to watershed management and corridors for migratory wildlife.

CAS - California Academy of Sciences

In the heart of one of the country's largest urban parks, the California Academy of Sciences is a new LEED® Platinum Natural History Museum in San Francisco's Golden Gate Park. Rana Creek Living Architecture worked with Renzo Piano Building Workshop, Chong and Partners Architecture, SWA Group, ARUP Engineering, and the Academy to design a 160,000 square foot living roof with four steeply sloped domes replicating the surrounding rolling hills. As conceived, the living roof is a unique attraction of the California Academy of Sciences: a forward-thinking, flagship exhibit dedicated to research and education into the emerging fields of urban ecology and sustainable architecture. The Academy's undulating living roof is an iconic centerpiece of the New Academy's design. In service to the Academy's mission, the living roof integrates ecology, site, and architecture.