

Lecture 9.21

archawai'i <

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School of Architecture
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SUDDEN OPPORTUNITY SERIES



Gregory Kiss

Kiss + Cathcart Architects

[AUTOTROPHOLIS: TOWARD SELF-SUSTAINING ARCHITECTURE AND URBANISM]

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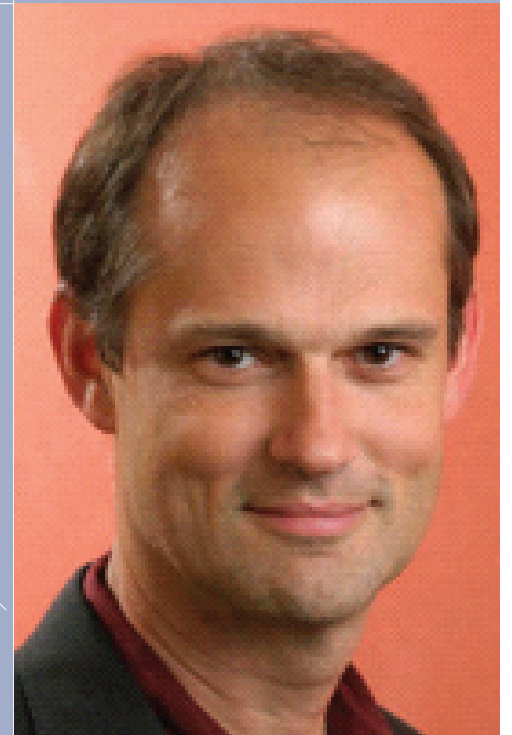
6:00 PM, Wednesday, September 21, 2011

Gregory Kiss has been working to advance the art and technology of environmentally responsible architecture for over 25 years. After receiving a Bachelor of Arts from Yale University and a Master of Architecture from Columbia University, he founded Kiss + Cathcart Architects in 1983. From 1984 to 2004, he was a founder and President of the not-for-profit Native American Photovoltaics, which brought solar power to remote homes and schools on the Navajo Reservation.

Mr. Kiss has designed many ground-breaking high-performance building projects in the Americas, Europe and Asia. His research into the functional and aesthetic improvement of photovoltaics for buildings has led to several new products and systems. He has authored technical manuals for the Department of Energy, and lectures frequently on recent advances in solar technologies and their potential for practical integration into architectural design.

Recently he has been developing integrated biological systems for buildings, for energy, habitat, and aesthetic benefits, and has extended this work to architecturally integrated food production.

Focusing on the technical potential and practical implications of productive architecture - better-than-net-zero buildings that produce positive environmental benefits. Integrating photovoltaics, vegetation, and food production into architectural systems. Illustrated with examples of real projects and technical studies from New York City to Abu Dhabi.



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