



8TH ANNUAL GREEN BUILDING CONFERENCE

8th Annual Green Building Conference

Thursday, March 11, 2010

Time: 9:00 am – 2:00 pm (Breakfast, Lunch and Reception included)

Meeting Room 1/2

Pre-Conference Workshop: Building in Nature's Image

Aim:

As a result of attending this four hour workshop, participants will

- Understand ecological design and how Biomimicry and Life's Principles translate to the human-built environment as Ecological Performance Standards.
- Develop an Ecoliteracy in the built environment, and learn how ecology and building science applies to buildings, sites and communities.
- Adapt principles from the sciences of Ecology, Biology, and Physics into practical design and building standards, using Biomimicry and building science and anthropogenic rating systems.

The focus is on translating Life's Deep Principles into practical design and building standards and specifications using Biomimicry and anthropogenic rating systems such as the USGBC portfolio of rating systems. The discussion emphasizes case studies from the presenter's projects.

Instructor:

Kevin Stack is an ecological builder, building scientist, Ecoliteracy educator, Biomimicry Speakers Guild member & BaDT, and LEED Faculty™ who Builds, Designs and Teaches in Nature's Image. He first described the concept of Ecological Performance Standards, the essence of his uniquely adaptable Building in Nature's Image™ system, a practical paradigm shift to 'Nature as Mentor, Measure and Model.'

He teaches as visiting faculty at the SUNY College of Environmental Science and Forestry (ESF) and OCC, educating students about Building in Nature's Image™, Ecological Performance Standards, Building Science, and Sustainability Science & Ecoliteracy in the human-built environment. Kevin lectures, internationally, about Biomimicry as a member of Biomimicry Speakers Guild.

Kevin serves as LEED Faculty™ (Homes, Green Rater, BDC), chairs the LEED for Homes 2012 Working Group, and provides LEED Coordination, Technical Support & Rating services to a variety of projects. His projects include: defining Ecological Performance Standards for built projects; forming a community deconstruction infrastructure that mimics the ecosystem service of Decomposition; providing holistic building science & constructability, HERS Rating, and LEED Coordination, Technical Support & Rating services for a diversity of projects, including a university dormitory, an adaptive reuse warehouse, and three winning entries of a university design competition; and building the first LEED certified home in New York.

Educated in forestry and biology at ESF, Kevin first began evolving his Building in Nature's Image™ framework of Ecological Performance Standards a half century ago, as founder of affiliated companies that focus on ecological design & building in the human-built environment, and more recently as Ecoliteracy trainer and educator of thousands of architects, engineers, under-/graduate students, and built-environment professionals throughout North America.

Who the course is intended for: This course is intended for architects, builders, engineers, and designers of the human-built environment interested in learning more about Biomimicry, the ecology of the built environment, and Building in Nature's Image, as well as individuals interested in earning CE hours.

Teaching time: 4 hours.