

[Beatley - cont.]

explore the notion of filmmaking as a form of planning research and scholarship, and the value of the film creation process in yielding essential insights that are different from those garnered through traditional planning research.

**Sanda Iliescu**

*Associate Professor of Architecture and Art*

**"The Street and the Studio: Should contemporary artists make both public art and studio-based work?"**

This paper examines the contemporary practice of "public" art – art that is conceived, executed, and displayed outside traditional artistic venues. In particular, it seeks to understand what this art form, known for its often rather overt political and social messages, may offer the realm of aesthetics. The paper argues that while "public" art is in important ways different from traditional, studio-based art, distinguishing between "public" and "private" art can be hard at times and can obscure the common ground that both art forms share. The paper explores how private art made in the studio may have a social or ethical value that contributes to our understanding of the community and the common good and, conversely, how successful public art projects may provide unique aesthetic discoveries for both artists and the community. In the paper I address these questions both in the abstract and from my own experiences as an artist practicing in both private and public realms.

**Cammy Brothers**

*Associate Professor of Architectural History*

**"Representing Architecture in the Renaissance"**

Renaissance painting is often credited with the invention of single point perspective, which is seen as an indisputable sign of progress. The idea of a singular point, offering a window-like view into the scene depicted, also carries with it the idea of a single moment of time. I am interested in suggesting how certain fifteenth and sixteenth century architects explored the representation of a multiplicity of viewpoints and a multiplicity of temporal moments. Specifically, I will argue that the experimental representational techniques of architects such as Giuliano da Sangallo and Baldassare Peruzzi relied substantially on a pre-Renaissance painting tradition of showing several narrative scenes simultaneously. This method, though often considered a naïve precursor to single point perspective, allowed a more flexible and rich sense of time and spatial experience than later, conventional methods of architectural representation.

# Faculty Research Symposium IX

09.05.08

**Moderator: Louis Nelson**

12:30PM John Quale

"Can Buildings be Carbon-Neutral?"

1:00PM William Sherman

"Energetic Organizations"

1:30PM Thomas Woltz

"Designing the Balance: Defining a role for contemporary landscape architecture in the integration of ecological conservation and productive agricultural land"

2:00PM Break

2:15PM Timothy Beatley

"Filmmaking as Planning Research: *The Nature of Cities* documentary"

2:45PM Sanda Iliescu

"The Street and the Studio: Should contemporary artists make both public art and studio-based work?"

3:15PM Cammy Brothers

"Representing Architecture in the Renaissance"



## Louis Nelson (Moderator)

Chair, Department of Architectural History  
Associate Professor of Architectural History

## John Quale

Assistant Professor of Architecture  
Director, ecoMOD Project

### “Can Buildings be Carbon-Neutral?”

This presentation will address the architecture discipline’s recent interest in carbon-neutral building design. I will offer definitions of this emerging concept, and outline its application within the ecoMOD Project. I will also discuss my participation in the Carbon Neutral Design Initiative, a grant-funded project to gather, assess and disseminate zero-carbon strategies for students, educators and practitioners across the U.S.. In addition, I will report on my experience as a juror for two international competitions: a carbon-neutral building in what aims to be the world’s first carbon-neutral city in Masdar, Abu Dhabi, United Arab Emirates; and prefabricated post-disaster housing in New York City for the NYC Office of Emergency Management.

## William Sherman

Associate Dean for Academics  
Mario di Valmarana Associate Professor of Architecture

### “Energetic Organizations”

As environmentally responsible design has moved from the fringes of architectural practice to the mainstream, the challenge of shifting scales to become the standard in broad-based practice will be the next hurdle. This is a cultural challenge that will require the reframing of the underlying principles and a shift of language. The technological, economic and political infrastructures of modernity have provided enormous prosperity with a tremendous environmental and social cost, channeling flows of energy, matter and wealth into extremes of concentration and scarcity. An emerging alternative model based on reciprocal, non-hierarchical networks, redefines the flows of energy and matter in time, integrating infrastructural processes into the fabric of buildings and landscapes, with profound cultural implications.

## Thomas Woltz

Lecturer in Landscape Architecture; Partner, NBWLA

**“Designing the Balance: Defining a role for contemporary landscape architecture in the integration of ecological conservation and productive agricultural land”**

## [Woltz - cont.]

The Conservation Agriculture Studio of NBWLA uses the sensibilities of contemporary landscape architecture to design structures and systems that integrate sustainable agriculture with best management practices for wildlife and ecological systems. The firm is currently involved in the design of approximately 12,000 acres of working land in the US and New Zealand and is engaged in native meadow establishment, orchard establishment, reforestation, stormwater management, reconstruction of previously damaged wetlands, road design, wildlife protection areas, organization of crops, livestock grazing areas and fencing.

The agrarian landscape embodies many attributes already present in the designed landscapes of NBWLA:

- Constructed or modified terrain.
- Visible geometric structure driven by practical considerations of use, management, and a utilitarian economy.
- The understanding of the landscape as a cultural construct with history, narrative and its own important ecology related to agriculture.
- Engagement of the working landscape with supporting architecture.
- Stormwater management for aquifer recharge, erosion prevention, and pollution mitigation.

## Timothy Beatley

Teresa Heinz Professor of Sustainable Communities

### “Filmmaking as Planning Research: The Nature of Cities documentary ”

Over the last year, Prof. Beatley has been collaborating with a Colorado filmmaker on the making of a documentary about the potential role nature plays in urban life. “The Nature of Cities” explores the concept of biophilia (that we are hard-wired as a species to need contact with nature) and what this means for built environments. The film examines the ways in which urbanites have become disconnected from nature, why this has happened, and what might be done to remedy the situation. Included are interviews with luminaries like Stephen Kellert and Rich Louv (author of the recent book *Last Child in the Woods*) and the telling of inspirational stories. Filming has already occurred in several international cities: from green neighborhoods in Amsterdam and Freiburg, Germany, to the 1.5 million urban bat colony in Austin, Texas, and from a 24-hour BioBlitz in San Diego, to an eco-village in Stockholm and green walls in Paris. In the presentation Beatley will

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