

Table of Contents

Welcome

edra40: The Ethical Design of Places

Conference Overview

In Search of the Ethical Environment

Stephen Kaplan (University of Michigan)

1

Invited Papers and Presentations

Keynote Address

Transforming the World by Design

Bob Berkebile, BNIM Architects and Elements Consulting

7

EDRA Perspectives 2009 Plenary

The Roots of EDRA

Henry Sanoff (North Carolina State University)

9

Environment and Behavior: Where Have We Been and Where Should We Be Going?

Gary W. Evans (Cornell University)

13

The Past, Present and Future of EDRA-Based Research

Clare Cooper Marcus (University of California, Berkeley)

19

EDRA40 Awards

2009 EDRA ACHIEVEMENT AWARD WINNER

Beyond New Urbanism

The Inclusive City: Design Solutions for Buildings, Neighborhoods and Urban Spaces

Daniel Iacofano and Susan Goltsman

23

2009 EDRA CAREER AWARD WINNER

Sherry Ahrentzen, Ph.D.

27

2009 EDRA SERVICE AWARD WINNER

Daniel Mittleman, Ph.D.

28

Refereed Full-Papers

An Analysis of Crime Occurrence, Security Perception and Aspects of Residential Areas <i>Antonio Reis, and Celina Dittmar (Federal University of Rio Grande do Sul, Brazil)</i>	31
Biomimicry and the Built Environment: Form, Process, and Ecosystem as Authenticity and Connectedness <i>Lance Klein (Kansas State University)</i>	39
Ecological Context of Restorative Environment Visitation <i>Aaron Hipp (University of California, Irvine)</i>	48
The Effects of Physical Design on Users' Behavior and Perception in University Classrooms: A Pilot Study <i>Mahbub Rashid (University of Kansas)</i>	57
Ethnobotanic Gardens for Georgia Schools <i>Ashley Calabria (University of Georgia)</i>	68
The Ethical Responsibility to Provide Youth with Access to Gardens <i>Illene Pevec (University of Colorado at Denver)</i>	75
Historic Preservation: Challenges to Collaboration with Other Disciplines <i>Jeremy Wells (Clemson University)</i>	83
Integrating Education and Scholarship: Collaborative Demonstration Projects as Actionable Place-Based Research at Kansas State University <i>Lee Skabelund and Todd Gabbard (Kansas State University)</i>	92
Missing Factors in Daylighting Standards: A Study of Desired Activities and Task Performance in a Sunlit Room <i>Na Wang, Mohamed Boubekri, & Kathryn Anthony (University of Illinois, Urbana-Champaign)</i>	101
Participatory Processes in Planning: Theoretical Underpinnings, Practical Implications, and Points of Contention <i>Jennifer Venema (Cal Poly San Luis Obispo)</i>	110
Programming Process Model for Technology Supported Meeting Spaces <i>Danny Mittleman (DePaul University)</i>	123
Spatial Ethics <i>Thomas Fisher (University of Minnesota)</i>	152

Spatial Knowledge Acquired by Visually Impaired Users through Change in Footpath Materials

Andrew Payne (Savannah College of Art and Design) 158

Toward Theoretical Foundations and Methodological Guidelines for Programming

Lubomir Popov (Bowling Green State University) 166

Thematic Abstracts

Active Living	175
Children & Youth Environments	179
Design Process	193
Design Education & Curriculum	195
Design Theory	215
Educational Environments	242
Environment-Behavior Theory / Environmental Psychology	251
Environmental Meaning	258
Gerontology & Environment	262
Health & Environment	286
Health Environments	289
Historic Preservation	305
Homelessness & The Built Environment	306
Museum Environments	307
Nature & Ecology	309
Participatory Planning & Design Processes	315
Place Attachment	328
Professional Practice	330

Programming / Post-Occupancy Evaluation	324
Research-Design Connection	341
Research Methods	344
Residential Environments	348
Security & Crime	363
Sustainable Design	368
Technology & Environment	385
Universal Design	387
Urban Environments	389
Urban Neighborhoods	405
Wayfinding & Cognition	410
Workplace Environments	427

Errata

Psychological Effects on School Children Due to Classroom Acoustics

Dr. Cesareo Estrada-Rodriguez (School of Psychology, Universidad Nacional Autonoma de Mexico) 437

Effects of Environmental Characteristics on Perceived Stress in Patients in Healthcare Settings

Dra. Patricia Ortega Andeane (School of Psychology, Universidad Nacional Autonoma de Mexico) 445

Indexes

Author Index

Title Index

453