

TABLE OF CONTENTS

PERCEPTION AND PREFERENCE	1
Landmarks and Distances: Asymmetries in Spatial Cognition; W. Jeffrey Burroughs and Edward K. Sadalla	3
Graphic and Mental Presentation of Environments; Dana Cuff	10
The Process of Experiencing Feelings in Environments: Exploratory Modeling; Sanford Grossbart and Douglas Amedeo	18
Age and Residential Influences on Environmental Preferences: An Exploratory Study; H. Asuman Kiyak	31
The Evaluative Image of a City; Jack L. Nasar	38
SOCIAL-ENVIRONMENTAL ISSUES	49
Privacy, Territoriality, Personal Space, and Personality; John K. Bowers	51
Environmental Clarity and Perceived Crowding; Richard E. Wener and Robert D. Kaminoff	63
URBAN ENVIRONMENTS	69
Pedestrians and Wind in the Urban Environment; Howard Cohen, Stan Moss, and Ervin Zube	71
Who Participates in Block Organizations and Why: Some Demographic Considerations; Gary A. Giamartino, Mary Ferrell, and Abraham Wandersman	83
New York City's Tower Coverage Provision as a Critical Determinant of Urban Form: The Experience of Midtown; Romin Koebel	91
An Attitudinal Investigation into Provision of Leisure Products and Services in the Community; S.S. Light, D.L. Groves, and J. McDonough	100
An Investigation of Height as a Psychological Dimension of Buildings; F. Phillip Van Eyl	108
HOUSING AND RESIDENTIAL ENVIRONMENTS	117
Dual Representations of Domestic Space; Roderick J. Lawrence	119
Women's and Men's Responses Toward the Home in Heterosexual and Same Sex Households: A Case Study; John Ofrias and Jerome Tognoli	130
THEORY	145
The Eliadian Center: A Phenomenon to be Considered; Dennis Doxtater	147
Designing for Change in Architecture: Diagnosis and Cure; Tom Heath	157
The Environment-Behavior-Person Relationship: Implications for Research; Abraham Wandersman, David Murday, and John C. Wadsworth	162
RESEARCH METHODOLOGY AND DESIGN METHODS	179
The Case Against Subjective, Cognitive Report in Environmental Design Research: A Critical Test; Scott Danford, Norman Starr, and Edwin P. Willems	181
Representing an Infinite Set of Solutions Through a Finite Set of Principal Options; Ulrich Flemming	190
A Q Factor Analysis of Responses to Urban Settings in a Taxonomic Research Context; Benjamin Newberry, Warren Kuhfeld, Terry Spencer, Steve Simnick, and Jeffrey Marsel	198
Environmental Negotiability as a Direct Measurement of Behavior-Environment Relationships: Some Implications for Theory and Practice; Carolyn Norris-Baker and Edwin P. Willems	209

DESIGNER-RESEARCHER COLLABORATION AND RESEARCH UTILIZATION	217
Our Concern for Research Utilization Continues: An Introduction this Section of the EDRA10 Proceedings and a Proposal; Andrew D. Seidel	219
Do Design Guidelines Rest Upon a Mistake?: An Examination of the Logics of Design Guidelines; David J. Allor	224
Reflections on an Environmental Psychologist's Roles in Design and Architecture for Older People; Lorraine G. Hiatt	233
Misunderstanding the Goals of Science: Myths, Reconciliation, and an Example; Michael R. Hill	248
Research and Design: Towards Total Efficiency? Johannes Knesl	256
 CHILDREN AND THE ENVIRONMENT	 271
The Development of an Environmental Response Inventory for Children; Trudi E. Bunting and Terence McL. Semple	273
Modes of Exploration and Environmental Learning by Preschool Children; Patricia Ann Wallace and Ira J. Firestone	284
 DESIGN AND THE HANDICAPPED	 295
Mainstreaming Handicapped Children: Beyond Barrier-Free Design; Uriel Cohen, Jeffrey Beer, Stanley Cairns, and Wendy Golden	297
Evaluating the Accessibility of Designed Environments: National Park Visitor Centers; James F. Palmer and Joseph H. Crystal	307
 ELDERLY AND THE ENVIRONMENT	 319
A Comparative Approach to Post-Occupancy Evaluations: A Housing-For-The-Elderly Case Study; Judith Bernstein	321
Activity Generating Influences of Neighborhood Services; Robert Newcomer and Lyn Friss	337
Everyday Behavior of Older Persons in Institutional Housing: Some Implications for Design; Mary Ann Parris Stephens and Edwin P. Willems	344
 STUDENT RESIDENCES	 357
Determinants of Student Perceptions of the Social and Academic Climates of Suite Living Arrangements in University Residence Halls; Roberta L. Null	359
Apartment Design Choices of Israeli and Non-Israeli University Students; David L. Wiesenthal and Joseph H. Tubiana	367
 CORRECTIONAL ENVIRONMENTS	 375
Environmental Needs of Juvenile Group Homes; Rajendra Kumar Srivastava	377
 TECHNICAL ISSUES	 393
A Supplementary Solar Heating System: An Economical Opportunity for Existing Homes; Michael R. Hodges	395
Architectural and Environmental Horticulture and Investigation into the use of Vegetation for Energy Conservation; Stephen Lesiuk	399
The Impact of Air Pollution on Residential Design; Elia Sterling	413

ADDITIONAL ISSUES

425

Environmental Design Research in the People's Republic of China;
Galen Cranz 427

The Remorseless Working of Things: A Commons Tragedy in Environmental
Resource Management; Cathy L. Harris 431

Color in Environmental Design: Its Impact on Human Behavior; Jean D.
Wineman 436

AUTHOR INDEX

445