

CONTENTS

<i>Series foreword</i>	<i>page</i> ix
<i>Preface</i>	xi
<i>Acknowledgments</i>	xiv
1. INTRODUCTION	1
Framework for analysis	1
Themes	10
Plan of the book	11
PART I. THE PAST	
2. HISTORICAL VIEW OF OFFICES AND FACTORIES	15
Factories	15
Offices	25
Recurrent issues	40
Summary	42
3. PSYCHOLOGY OF THE WORK PLACE	44
The Hawthorne studies	44
Approaches to the psychology of the work place	47
Strategies of empirical research	54
Current status of empirical research	59
Summary	62

PART II. THE INDIVIDUAL WORKER

4.	PSYCHOLOGICAL PROCESSES	65
	Influences on performance	65
	Influences on job satisfaction	74
	Summary	81
	Practical considerations	82
5.	LIGHTING AND WINDOWS	84
	Rising standards of lighting	84
	Lighting and performance	87
	Lighting and satisfaction	94
	Lighting from windows	97
	Summary	103
	Practical considerations	104
6.	TEMPERATURE AND AIR	106
	Indoor climate in work places	106
	Problems in studying thermal comfort	109
	Temperature and satisfaction	111
	Temperature and performance	112
	Air quality	125
	Summary	126
	Practical considerations	127
7.	NOISE	128
	The battle against noise	128
	Studying the impact of noise	129
	Noise and dissatisfaction	131
	Noise and performance	138
	Summary	164
	Practical considerations	166
8.	MUSIC	167
	The changing role of music	167
	Research on music in factories	171
	Research on music in offices	174
	Laboratory studies of music	175
	Summary	177
	Practical considerations	177
9.	COLOR	179
	The use of color in work places	179
	Subjective responses to color	181
	Color and performance	187

Summary	188
Practical considerations	189
10. WORK-STATIONS AND SUPPORTING FACILITIES	190
The individual and the work-station	190
Research on work-stations	196
Supportive facilities	212
Summary	212
Practical considerations	213
PART III. INTERPERSONAL RELATIONS	
11. SYMBOLIC WORKSPACE: SELF-IDENTITY AND STATUS	217
Expression of self-identity	217
Demarcation of status	234
Summary	248
Practical considerations	249
12. COMMUNICATION	252
Planning work places for communication	252
Choices in communication	254
Accessibility among workspaces	258
Gathering places	268
Arrangement of the room	271
Summary	283
Practical considerations	285
13. PRIVACY	287
The controversial private office	287
Privacy and related concepts	291
Physical enclosure and privacy	302
Privacy, satisfaction, and performance	311
Summary	313
Practical considerations	314
14. SMALL GROUPS	316
The concept of a small group	316
Proximity of workspaces and formation of small groups	318
Physical enclosure and group cohesion	321
Seating arrangements and group discussions	323
Restricted communications within a group	326

Summary	329
Practical considerations	329
PART IV. ORGANIZATIONS	
15. OFFICE AND FACTORIES AS COMPONENTS OF ORGANIZATIONS	333
Role of offices and factories in theories of organizations	333
Organizational effectiveness	337
Properties of organizations and work places	343
Summary	355
Practical considerations	357
PART V. THE FUTURE	
16. THE FUTURE OF OFFICES AND FACTORIES	361
Process of change in the work place	361
Changes in the office	365
Changes in the factory	379
Issues for environmental psychology	384
Summary	385
17. CONCLUSIONS	387
Existing research and theory	387
The individual and the work place	389
Interpersonal relations	394
Organizations	399
Work places of the future	400
Priorities for future reseach	400
Summary	402
<i>References</i>	404
<i>Name index</i>	447
<i>Subject index</i>	456