

Subject Index

B

- Building codes, 90, 117
- Building evaluation views
 - from outside North America
 - Germany, 180
 - New Zealand, 183
 - Switzerland, 175
 - United Kingdom, 179
- Building life-cycle See also
 - Building performance
 - measurement and Economic performance measurement
 - capital investment, 117
 - construction, 45, 238
 - cost studies, 89, 93, 111
 - depreciation, 37
 - design, 37, 45, 49
 - economic performance, 51, 111,
 - internal design, 89
 - longevity, 37, 45, 187
 - maintenance costs, 115, 238, 252
 - operating costs, 45, 238, 252
 - post-occupancy evaluation, 175, 183, 252
 - renovation, 49, 51
 - return on investment, 51, 93, 111
- Building maintenance, 45, 52, 180
- Building management
 - commercial facilities, 33, 37
 - government facilities, 10, 151, 266
 - health care facilities, 199
 - standard practices, 187
 - strategies, 155, 167, 179
- Building materials, 5, 37
- Building performance
 - measurement See also
 - Building performance profiles
 - analytical techniques, 30
 - behavioral factors, 121, 143
 - control systems, 30, 148
 - design models, 32, 45, 148
 - economic analysis, 93, 111, 180
 - energy efficiency, 204, 252
 - environmental factors, 121, 143, 204
 - functional use costs, 311
 - health factors, 275
 - information systems, 199
 - methods of rating, 32
 - occupancy requirements, 143, 148
 - quality, 17, 25, 31
 - research, 180
 - standards, 151, 167, 289
 - strategies, 17, 31, 238
 - systems, 25, 80, 155
 - theories, 121, 148
 - threshold values, 25
 - weighting methods, 30
- Building performance profile
 - issues and priorities, 167
 - office environments, 170,
 - strategic planning models, 171, 266, 289
 - user-based, 226

C

- Commercial facilities, 204, 252, 289
- Computer-aided planning
 - design, 10, 199
 - engineering, 169
 - management information, 169, 183, 199

D

- Databases
 - economic performance, 93, 169, 199
 - facility operation, 116, 169, 183
 - maintenance cost, 116, 183
 - multiple-user inquiries, 49
 - serviceability, 5

328 OVERALL FACILITY PERFORMANCE

E

Economic performance
 measurement See also
 Building life-cycle and
 Building performance
 measurement
 capital investment, 117
 cost analysis, 180, 238,
 311
 cost ratios, 93
 databases, 93, 169, 199
 financial planning, 169, 199
 marketing perspectives, 117,
 199
 profitability, 169
 real estate assessment, 238
 risk-adjusted discounting,
 93, 116
 management accountability,
 31, 115
Energy efficiency, 204, 252
Environmental codes, 179
Environmental monitoring, 52,
 171, 226
Equipment performance
 monitoring, 45
Ergonomics, 175
Esthetics, 17
Exogenous-endogenous
 classification system,
 204
Exterior walls, 32

F

Financial planning, 169, 199

G

Government facilities
 Canada, 10, 51, 88
 United States, 93, 151, 266

H

health care facilities, 117,
 199
Health reports, 275

I

Institutional facilities, 49,
 204
Indoor air quality control,
 51, 149

L

Lighting systems, 32

M

Methodologists, 31
Metrology, 17, 25

O

Occupancy requirements, 143
 148, 193
Occupant surveys, 33,
 87-90, 250
Office environments
 computer use, 80
 environmental controls,
 52, 171, 226
 furnishings, 55, 80, 87
 human factors, 170, 175
 interior design, 55, 80,
 170
 occupational factors, 275
 planning, 32, 171, 311
 pollutants, 149
 standardization, 87,
 143, 179
 worker satisfaction, 252

P

Physical subsystems, 5
Post-occupancy evaluation,
 175, 183, 252
Public facilities, 149

Q

Quantification, 5, 30

R

Regulatory agencies
 Canadian Regulatory
 Reform Comm., 90
 US Environmental Protec-
 tion Agency, 93, 111
 US Dept. of Energy, 179
 US National Bureau of
 Standards, 187
 US General Services
 Administration, 187
Repertory grid technique,
 30

S

Standards development
 building codes, 90
 building management, 1, 187
 building materials, 187
 construction, 32, 89, 175
 economic analysis, 93, 111
 goals, 1
 health and safety, 183
 internal design, 32, 87,
 167
 occupancy requirements, 193
 office environment, 149,
 179, 226
 performance measurement, 30,
 89, 151
 rating methods, 5, 51
 renovation, 32
 work areas, 87, 143, 170
 Scaling methods, 30
 Survey instruments, 55, 80, 88

T

Taxonomy, 311

V

Ventilating systems, 88,
 149

W

Windows, 10, 32
 Working environment, 143,
 226, 238
 Worker health factors
 air quality, 88, 149, 275
 computer use, 55
 health care costs, 55, 80
 illnesses, 275
 pollutants, 51, 149
 Worker productivity, 51,
 80, 88, 143
 Workers' compensation, 149

Z

Zoning codes, 117