Index

3-C - See Cleveland-Columbus-Cincinnati.
3-C Corridor 239-241, 244, 248

A

Academic Quality 223-226, 229-234, 238
Access to Care 90, 92, 98
American Recovery and Reinvestment Act (ARRA) 240, 249
Applied Geography 1-5, 7-14, 18-19, 35-42, 44-45, 92-93, 98-99, 149, 169, 186, 203, 235, 288
Applied Geography Special Group (AGSG) 5, 36-39
ArcGIS 74, 93, 103, 110, 175, 241, 251
associate of applied science (AAS) 75
associate of science (AS) 75

B

Behavioral Risk Factor Surveillance System (BRFSS) 263, 271
Branching 151-154, 156-157, 160, 166-168
Brand Preferences 132, 134, 140, 145-147
Burger King 132-134, 136-148
Business Geography 88, 101, 109, 131
Business GIS 114

C

career ladders 68-69, 71, 75-76
CCEI - See Computerized Classroom Environment Inventory.
Census 2000 School District Tabulation 228, 236
Center of Geography 59
Centre for the Study of Commercial Activity 114, 118, 123, 126, 130-131
certificate of deposits (CDs) 53, 55, 154, 271
City of Houston GIS (COHGIS) 275
Cleveland-Columbus-Cincinnati 239-241, 244, 248
Coastal Change Analysis Program (C-CAP) 275
Community Reinvestment Act (CRA) 155, 167-169
Compressed Mortality File (CMF) 257, 259, 272
Computer Cartography 58
Computerized Classroom Environment Inventory 47
Computer Laboratory 44, 46
Congressional Districts 253-254, 256-263, 265-271
content analysis 40, 68, 72, 78-80
Contingencies 101
Cost Weighted distance function 244
Critical Incident Management 62
CSCA - See Centre for the Study of Commercial Activity.
CSCA's Corporate Database (CCD) 118
curricular analysis 35

d
Dasymetric 219, 221, 253, 256, 262-263, 266, 268-271, 287-288
Decision-Making 7, 13, 17, 19, 22, 62-63, 66-67, 83, 98, 211, 266, 269
decision support systems (DSS) 1, 10, 34, 189, 222
departmental resources 35, 41-44
deregulation 151-153, 155-157, 160, 167
developed open space 277, 281-282, 285
digital elevation model (DEM) 184, 221, 244
digital orthophoto quarter quads (DOQQ) 65
disaster management 21-24, 27-29, 31-34, 65, 217-218, 221-222
Index

Disaster Response and Management 205
DIT - See Panoram Digital Imaging Table.

E
educational trends 35
E-Index 151, 157, 159-161, 163

F
fair market rent (FMR) 171
Fast Food 132, 134-137, 144, 148-149
Federal Deposit Insurance Corporation (FDIC) 160
Federal Emergency Management Agency (FEMA) 66
FRAGSTATS 190, 194

G
General Electric (GE) 178
Geographic Health Disparities 253
gеographic information science 45, 68-69, 78-80, 82, 84, 87-88, 219, 271, 287-288
Geographic Information Scientist (GI Scientist) 75-76
Geographic Knowledge 46
Geographic Skills 1
Geomatics 18, 21-24
gеосpatial definition 82
Geospatial Industry Workforce Information System (GIWIS) 80, 87-88
Geospatial Information and Technology Association (GITA) 83, 85, 87-88
gеосpatial workforce 71, 77-80, 82-88
GIScience 32, 39, 68-77, 81-83, 87-88
GIS education 68, 78-79, 84
global navigation satellite systems (GNSS) 22, 33
Global Positioning System (GPS) 21-24, 27-28, 31-33, 49, 82
Gross Leasable Area (GLA) 102, 109
GRUMP 208-210
Gynecologic Oncologists (Gyn Onc) 90-93, 95-98

H
Health Expenditures 253-254, 271
Herfindahl-Hirschman Index (HHI) 151, 157, 159-161, 163
High-Speed Rail (HSR) 239-241, 243-244, 248, 251
Home Depot 115-116, 123-126, 129-130
Homeland Security Presidential Directive 5 (HSPD 5) 66
Housing and Urban Development (HUD) 5, 13, 15-16, 171, 174, 185-187
Housing Choice Voucher Program (HCV) 170-171, 186-187
Houston Police Department (HPD) 273, 275, 280, 282

I
Immersive Training 62-63
Incident Command 62-63, 65-67
Incident Command Simulation Training Program (InCoSiT) 63, 66-67
Incident Command System (ICS) 66
Institutional Review Board (IRB) 93

K
Kaplan-Meier Survival 90, 94-95, 97
Kentucky Cancer Registry (KCR) 90-91, 93-95, 99

L
LandScan 205-206, 208-215, 217-219, 221
Landscape Analysis 188, 190, 202
land use/land cover (LULC) 188-195, 197
Law Enforcement Management Institute of Texas (LEMIT) 62-63, 67
Learning Community 46, 49-50
Least Cost Path (LCP) 239, 241-243, 246, 248
Location Factors 134, 138, 170
Location Strategy 114, 121, 129, 133
Louisville/Jefferson County Information Consortium (LOJIC) 173
Louisville Metro Housing Authority (LMHA) 173
Low Income Housing 170

M
Master’s of Applied Geography (MAG) 42, 61
McDonald’s 132-150
Metropolitan Statistical Area (MSA) 109, 151, 160-166
minorities 132, 134-135, 137-147, 172, 178, 180, 183, 224, 226, 231-233, 238, 259
Model Job Descriptions 71-72, 75, 78
Modifiable Areal Unit Problem (MAUP) 193, 227, 282-283
Moving to Opportunity (MTO) 172, 174, 184, 186
Multi Dwelling Unit (MDU) 181

N
National Aeronautics and Space Administration (NASA) 83
National Center for Education Statistics (NCES) 224, 228-230, 236-237
National Incident Management System (NIMS) 63-64, 66
National Oceanographic and Atmospheric Administration (NOAA) 65, 275
National Response Plan (NRP) 66
National States Geographic Information Council (NSGIC) 84
Normalized Difference Vegetation index (NDVI) 193
North American Industry Classification System (NAICS) 85

O
Oak Ridge National Laboratory (ORNL) 206, 208, 221
Occupational Outlook Handbook 75, 80
Ohio Hub Project 239-241, 244, 249, 251
ordinary least-squares (OLS) 132, 134, 138, 142
Ovarian Awareness of Kentucky (OAK) 93, 98, 206, 208, 221
Ovarian Cancer 90-99

P
Palmetto Achievement Challenge Test (PACT) 229
Panoram Digital Imaging Table 64-65
planning support systems (PSS) 189, 203, 230
Population Estimation 205-206, 212-213
Private Universe Survey 230
Public Assistance 170, 173
Public Policy 1, 15, 17, 130, 185-187, 270, 272
Public-Private School Choice 223-227, 229, 232-234, 238

Q
quick-service restaurant (QSR) 132-133, 135-140, 146-148

R
Racial Preference 223, 229, 231-234
Rail Routing 239
Rapid Urban Growth 188, 201, 204
Research Design 1, 9, 39
Residential Mobility 170, 173, 175, 183-184, 187
Resource Management (REM) 38, 54-55, 57, 59
Retail Chains 114-119, 121, 129
Retail Gravitation 101-103, 110, 112
Retail Location 111, 130, 132, 148
right-of-ways (ROWs) 47-48, 51, 99, 240-241, 243, 248, 279, 282

S
School District Demographics System (SDDS) 228, 236
Section 8 Housing 170, 172-178, 180-185, 187
Sense of Place 46
shape index (SI) 188, 190-191, 194-197, 199-202
Simulation Training 63, 66
Spatial Clustering 135, 170, 174, 183
Spatial Population Estimation 205
Standard Occupational Classification (SOC) 70
State Children’s Health Insurance Program (SCHIP) 254
STP2 - See Census 2000 School District Tabulation. Summary File 3 (SF3) 228, 237
Summary of Deposits 160
supply-demand mismatch 151-152, 156-166
Surface Modelling of Population Density (SMPD) 209

T
Trade Areas 101-103, 105-112, 115, 117, 130, 133, 140, 146-148
Index

U
Universal Transverse Mercator (UTM) 193
University Consortium for Geographic Information Science (UCGIS) 69, 80, 84, 87-88
Urban and Regional Information Systems Association (URISA) 6-8, 10-11, 13-17, 19-20, 71-72, 78, 80-81, 84, 87-88
urban area (UA) 116-117, 119-124, 126-127, 129, 201, 209
US Agency for International Development (USAID) 206, 218
U.S. Department of Labor (US DOL) 35, 68, 75, 80-85, 87-89

V
variance inflation factors (VIF) 142, 180, 231

W
Wal-Mart 115, 126-131
workforce imbalance 82, 86

Z
Zip Code® Tabulation Areas (ZCTAs™) 270
Z scores 175, 177, 180