

# Index

## Symbols

2020 e-governance initiative 377  
 2020 E-governance Scenario Workshop  
 376, 377  
 (electronic) service channels 251

## A

ability to use e-government 5  
 Accenture methods 75  
 Access Control Service 289  
 acquisition 9  
 ACSI model 75  
 Actual System Use 186  
 aggrieved citizenry 244  
 American Customer Satisfaction Index (ACSI)  
 71, 75  
 American Federal Government websites 93  
 analysis of variance (ANOVA) 409  
 analytical generalisability 238  
 Analytics Service 290, 291  
 anti-corruption campaign 372  
 anti-terrorism measures 437  
 APM Body of Knowledge 72  
 application 2, 9, 10, 12  
 application development 2  
 application program interfaces (APIs) 295  
 appropriate content and services 6  
 Arlington Council 101  
 Arlington's politics 102  
 assistive technologies 7, 19  
 Australian Commonwealth Constitution 420  
 Australian federal system 421  
 Australian local government 418, 420  
 authentication service component 286  
 authoritarian rule 360, 371

authoritarian state 362  
 authoritarian system 362  
 axial coding 239

## B

back-office applications 70  
 Balanced Scoreboard 77, 87  
 balanced scoreboard material 81  
 balanced scorecard approach 84, 87, 88, 90  
 behavioural intention (BI) 324, 327  
 Belgian e-government practices 20, 21  
 benchmarking approaches 69  
 Benchmarking process 183  
 benefits of E-Government 184, 192, 195, 196  
 Ben's Guide to the Government 8  
 blacklist citizens 237  
 black pharmacies 368  
 blogs 8, 13  
 Bodies of Knowledge 72  
 bot herder 221, 222  
 botnet 221, 222  
 bottom-up e-government strategy 380  
 bridging the digital divide 446  
 Brown University 39, 45, 52  
 Bulletin Board Systems 139  
 Bund Online 2005 strategic plan 69  
 Bureau of Police Research and Development  
 (BPR&D) 445  
 Business Process Perspective 81  
 business-to-business (B2B) 57  
 business-to-consumer (B2C) 57, 439

## C

calendar/event listings 304  
 CAN-SPAM 227

## Index

- capability maturity model integration (CMMI) 199
- case received email 402
- Cataloging 55
- Cellebrite 211
- ceteris paribus 94
- c-government 118
- Channel Behavior 250, 255, 265, 267
- channel characteristics 257
- Channel choice 250, 256, 265, 266, 267, 268
- Channel Expansion Theory 256, 264
- Channel integration 260
- channel management guidelines 262
- channel perceptions 252, 255
- Channel Usage 250, 256
- chat rooms 8
- chief information officer (CIO) 14, 226
- Chief Technology Officer 14
- Child Online Protection Act of 1998 (COPA) 227
- child pornography 224, 227, 228, 230
- Child Pornography Prevention Act (CPPA) 227
- Chinese Association of National Competitiveness (CANC) 41
- CiteULike 287
- citizen-centered 1, 2, 4, 5, 7, 8, 9, 11, 12, 13, 14
- citizen-centered e-government 120, 121, 400, 413
- citizen-centric 29, 234, 235, 236, 247, 248
- citizen-centric e-government 234, 236, 400
- citizen-centric e-government impact 38
- citizen-centric evaluation 404, 412, 413
- citizen-centricity 234, 235
- citizen-centric model 376, 395
- citizen-centric operation 300
- citizen e-complaint service (CECS) 400, 401
- citizen engagement 268, 299, 301
- citizen engagement on the web 301
- citizen-government engagement 298
- citizen information 283, 284
- citizen-initiated contacts 269, 280
- citizen-oriented services 11
- citizen outreach 360, 361, 363, 368, 370, 371, 372
- citizen participation 4, 18
- citizen relationship management (CzRM) 401
- Citizens Attention Services 150, 151
- Citizens First Surveys 28
- citizen-to-citizen engagement 310
- citizen-to-government (C2G) 119
- citizen-to-government relationships 423
- civic freedom 242
- civil service position openings 367
- classical comparative 184
- Clinton Administration 91
- COBIT 76, 77
- coding guidebook 303
- Collaborating government agencies 289
- collaborative tagging systems 289, 294
- collection of this information 212
- common project model (CPM) 189
- communication engagement index 310
- Communication management 309
- Communications Decency Act of 1996 (CDA) 227
- Communications Editor 303
- Community 2.0 112, 117
- Community Answers (CA) 134, 137
- community-based material 428
- community building 124, 129
- community-centeredness 110, 127
- Community Emergency Response Team (CERT) 444
- 'Community Emergency Response Teams' (CERTs) 446
- community information 142, 143, 154
- community of practice 189
- community policing 435, 436, 438, 439, 441, 443, 445, 446
- complaint-handling mechanism 401, 402
- complexity (C) 324
- Computer crime 222
- Computer Fraud and Abuse Act 225
- computer hackers 225, 226
- Computer Hacking and Intellectual Property (CHIP) 228
- Computer Security Act of 1987 226
- Connected Governance 73
- Constitutional rights 211
- Consultative democracy 372
- consumer citizenship roles 91
- consumer cluster 98

- “consumer- or citizen-centered” reform efforts 376
  - consumer scale 97, 98
  - consumer symbols 99, 100, 103
  - contact government 268, 269, 273, 275, 279, 280
  - Content Analysis 91
  - content sharing 110, 111, 112, 113, 114, 115, 116, 118, 120, 122, 123, 125, 130
  - context-based description 238
  - context-based research 238
  - CORE.gov 284, 285
  - corrupt police officers 441
  - cost benefit analysis (CBA) 37, 403
  - cost-benefit analysis framework 40, 41
  - cost reduction 131, 137, 138, 148, 149
  - countering cyber-crimes 437
  - Crime Criminal Information System (CCIS) 444
  - CRM-like applications 245
  - Cronbach’s Alpha 344
  - cross-border conflicts 215
  - Crowdsourcing 124, 129
  - cultural diversity 436
  - cultural pluralism 435
  - ‘customer’ concept 236
  - customer-focused services 235
  - Customer Perspective 81
  - customer relationship management (CRM) 401
  - CyberAngels 229
  - cyber-crime 215, 217, 221, 222, 223, 224, 228, 229, 230, 231, 232
  - cyber-criminals 216, 217, 222, 223, 230, 231
  - cyber offenses 221
  - cyber-privacy 207, 208, 217, 220
  - cyber security 216
  - cyber-stalking 207, 214, 218, 220, 221, 222, 223, 230
- D**
- data disruption 222
  - data verification code system 389
  - David Easton’s political system 94
  - decentralized decision-making 438
  - deliberative democracy 372, 376, 379, 381, 382, 384, 385
  - Del.icio.us 287
  - Delone and McLean IS Model (D&M IS) 324
  - Demand Side 20
  - demand-side evaluation 400, 401, 404
  - demand-side perspective 376, 379, 380
  - democratic institutions 162, 163
  - democratic participation 2, 3, 17
  - democratic values 377
  - democratization 162, 176
  - demographic factors 269, 270, 271, 275, 279
  - Department of Children and Families 10
  - developed countries 280
  - developing countries 60, 68, 158, 183, 184, 188, 191, 192, 194, 195, 198, 199, 200, 202, 203, 204, 205, 269, 280
  - development of E-Government 196, 201
  - Development of Women and Children in Rural Areas (DWCRA) 440
  - deviant computer practices 222
  - dial up connection 274, 277
  - Diffusion of Innovation (DOI) 318, 334, 338, 344, 352, 353, 357
  - digital divide 58, 59, 64, 217, 270, 271, 277, 279, 378, 386, 387, 393, 396, 399, 423, 431
  - digital government 22, 23, 254
  - digital government era 22
  - Digital Millennium Copyright Act (DMCA) 227
  - digital public services 70, 71, 73, 74, 75, 80, 81, 84, 85, 86
  - direct monitoring 390, 391
  - Directorate General (DG) 70
  - Director General of Police (DGP) 437
  - disseminating government information 8
  - dissemination of sensitive information 207
  - diverse populations 12
  - domain specific performance measures 435, 446
  - Dublin Core standards 285
  - Dutch DigiD system 261
  - dynamic content 288
  - dynamic country classifications 191

## Index

### E

- early e-Government policies 419
- e-bayaran 322
- e-citizen outreach/responsiveness 360
- e-citizenship 377, 391
- e-commerce 53, 54, 57, 58, 253
- e-commerce information exchanges 140
- e-complaint service
  - 400, 401, 403, 405, 406, 410
- e-complaint system 412
- economic development 420
- economic recovery 439
- eCOPS 435, 436, 439, 440, 441, 442, 443, 445, 447
- e-Decision 426
- e-democracy 37, 39, 40, 41, 42, 47, 51, 54, 58, 60, 158, 161, 162, 163, 175, 177, 178, 180, 181, 183, 377, 378, 381, 392, 393, 397, 423, 426, 439
- e-Democracy portals 70, 79
- educated populace 312
- e-Europe 70, 71, 73, 74, 88
- eEurope Action Plan 379
- effectiveness 20, 21, 26, 28, 29, 30
- efficiency 20, 21, 22, 23, 24, 25, 26, 28, 29, 30
- e-Filing systems 318, 319, 320, 321, 324, 328, 329
- E-Filling 320, 331, 332
- e-Governance 435, 436, 439, 442, 443, 444, 445, 446, 448
- E-government 20, 23, 27, 28, 33, 34, 35, 37, 39, 40, 41, 51, 52
- e-government adoption 27
- e-government and security 207, 217
- e-Government applications 444
- e-government assessment model 73
- e-government designs 382
- e-government development 26, 28, 33
- e-government evaluation 75, 76, 77, 78, 80
- E-Government for citizens 184
- e-government framework 54
- e-Government implementations 92, 184, 185, 188, 194, 419, 420, 432
- e-Government incentive programs 428
- e-government initiatives 55, 59, 60, 63, 65, 66, 158, 159, 160, 161, 162, 175, 376, 377, 378, 379, 381, 382, 383, 384, 392, 393, 395
- e-government interventions 73
- e-government investment 47
- e-government literature 269
- e-Government literature 251
- e-government logistic regression 275
- e-Government maturity 423, 424, 431
- e-government performance 37
- e-government perspective 82
- e-government policies
  - 20, 21, 26, 27, 28, 29, 30
- e-government portal 347, 348, 349
- e-Government portal 92, 198, 335
- e-government progress 25, 28, 30
- e-government projects
  - 377, 379, 381, 383, 384
- e-government regime 117
- e-government research
  - 38, 39, 41, 45, 47, 51
- E-Government security 202
- e-government services 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 16, 20, 21, 23, 25, 26, 27, 28, 29, 30, 31, 36, 53, 54, 55, 56, 57, 59, 61, 62, 63, 65
- e-government services and benefits 301
- E-Government software project managers 87
- e-government solutions 144
- e-government strategies 21, 25, 29, 30
- e-government systems 70
- e-government training 6
- e-government transactions 217
- e-government users
  - 38, 39, 41, 42, 44, 45, 46, 47
- EGOVSAAT 404
- e-health services 61
- e-information 360, 361, 364, 370
- elected municipal officials 169
- electronic benefits 254
- electronic bureaucracy 298, 299, 301, 302, 303, 305, 306, 307, 309, 310
- Electronic bureaucracy model 309
- electronic channels 250, 255, 256, 259, 263

Electronic Communications Privacy Act (ECPA) 226  
 electronic delivery of services 420  
 electronic democracy 92  
 Electronic Government 91, 105  
 Electronic Government (e-Government) 317  
 electronic government services (or 'e-government') 207  
 electronic identity 234, 235, 238, 245  
 Electronic Labor Exchange (ELX) 335, 336  
 Electronic Procurement (EP) 335, 336  
 electronic public services  
   20, 21, 25, 27, 28, 29, 31, 35  
 electronic service delivery 418, 420, 423, 425, 426, 428, 429, 430, 431, 432, 442, 443  
 Electronic Services Delivery (E-Services) 335, 336  
 electronic technologies 207  
 electroecture 93  
 Emailing 272  
 emerging technology 53, 58, 65  
 Empirical Study 53  
 Employees Provident Fund 335  
 Empowerment through Information 73  
 end-user involvement 188  
 Engagement Phase 188  
 environmental management 420  
 e-openness/transparency 360  
 e-participation 377, 378, 398, 426, 427  
 e-procurement 2, 422  
 eQual 404  
 E-RecS-QUAL 404  
 E-RecS-Qual scale 405  
 e-service 360, 364, 370, 372  
 e-service delivery 42  
 E-Services 330, 332  
 E-S-QUAL 404, 405, 416  
 E-Syariah 335, 336  
 e-Tax return filing 317  
 ethical perspective 82  
 E-transparency 363, 364  
 European Union (EU) 61, 133  
 everyday life information 4  
 e-voting 2

**F**

“fake” online stores 223  
 Family Educational Right to Privacy Act (FERPA) 227  
 FBI Cyber Division 221, 228  
 Federal Emergency Management Agency (FEMA) 212, 445  
 Federal Enterprise Architecture 289, 295  
 Federal Trade Commission (FTC) 227  
 Fed-e-View 30  
 Fedict (Federal Public Service for Information and Communication Technology) 30  
 feedback channels 120  
 FERPA, or the Family Education Rights and Privacy Act 210  
 fight against corruption 165  
 Filing taxes 194  
 Financial Perspective 81  
 Financial Process Exchange (FPX) 322  
 financial resources 60, 61  
 First Information Report (FIR) 440  
 First Wave reforms 420  
 Florida Integrated Network for Data Exchange and Retrieval (FINDER) 215  
 folksonomy 287, 295  
 forms of interaction within the Web 111  
 fortresses of data 207  
 fraudulent websites 223  
 Freedom of Information Act (FOIA) 208, 220, 283  
 Freedom of information (FOI) 183  
 frequently asked questions (FAQs) 140, 401  
 future channel choices 255  
 Future Emerging Trends 146

**G**

gatekeepers 209  
 Generic Office Environment (GOE) 335, 336  
 GIS systems 425  
 ‘glitz’ factor 95  
 Google’s knowledge exchange 141  
 governing structure 100  
 Government 2.0 110, 117, 118, 119, 120, 121, 126, 127, 128, 129

## **Index**

Government agencies 187  
governmental agency 250, 253, 260  
governmental communication 161  
governmental legitimacy 377  
Government capacity hypotheses 308  
government-centric approach 26  
government centricity 25  
government-citizen interaction 23  
government-citizen relationships 298  
government corruption 371  
Government data 211  
Government E-Payment Adoption Ranking (GEAR) 336, 338  
government financial information 158, 159  
government goods and services 94, 103  
government information and services 2, 4, 11, 13  
Government on-Line (GOL) 69  
Government organisations 240  
government-partnered websites 208  
government responsibility 207, 217  
government-run web site 159  
Government search engines 285  
government services 300, 301  
government stability 60  
government-to-business (G2B) 57, 189, 439  
government-to-citizen (G2C) 57, 119, 189, 439  
Government-to-Citizen information systems 76  
government-to-government (G2G) 57  
government transparency 360, 361, 368, 372  
government websites 275, 277, 279  
GovQual 77, 87  
Gramm-Leach-Bliley Act (GLBA) 225  
Graphical Information Systems (GIS) 427  
Great Internet Explosion 111  
Great Lakes Innovations 313  
Greenwich, Connecticut 134, 135  
gross national income (GNI) 191

## **H**

Hackers 221, 222  
hard and soft mobile devices 387  
head hacker 222  
Health Insurance Portability and Accountability Act (HIPAA) 210

Heterarchy 106  
hierarchical regression 344  
Horizontal Integration 56  
human behavior 342  
human capital 192, 195, 198, 199, 202  
human capital index 56, 73  
human-computer interaction 184, 185  
Human Development Index 436  
human factors 3  
human intervention 196  
Human Resource Management Information System (HRMIS) 335, 336  
human right 209  
Hurricane Katrina 13, 15, 102  
hyper-modernists 23

## **I**

i2010 action plans 70  
i2010 policy framework 74  
Ibero-American Charter for Electronic Government 165  
ICMA data 301  
ICT contribution 75  
ICT initiatives 184, 195, 197, 199, 202  
ICT investments 74, 75, 79, 85, 87  
ICT technologies in tax management 317  
ID cards 234, 238, 239, 241, 242  
identify theft 214  
identity management systems (IdMS) 234, 235, 237, 239, 245, 246  
identity theft 207, 209, 210, 217, 218, 220, 221, 222, 224, 225, 226  
Identity Theft and Assumption Deterrence Act of 1998 226  
identity thieves 208  
i-government 118  
illegal interception of data transfers 222  
illustrates 38  
Imagologies 106  
Impact on citizen 37  
index of accessibility and navigability (INW) 171  
Indian Police Administration 435, 437, 444, 448  
Indian Police Force 437  
Individual Factors 186

- individual rights 207, 208, 217
  - informational perspective 82
  - information analysis 166
  - information and communication technologies (ICTs) 20, 24, 37, 69, 158, 159, 185, 318, 319, 378, 419, 439
  - Information and Referral (I&R) 132
  - Information and Referral Services (I&R) 131
  - Information Awareness Office (IAO) 213
  - Information collection 5
  - information content criteria 3
  - information credibility 37, 44, 45, 46, 48
  - Information Development Office (IDO) 383
  - information disclosure 166, 176
  - information dissemination strategy 123
  - information in cyberspace 45
  - Information management 301
  - information management professionals 307, 310, 311
  - Information Privacy 207, 220
  - information risk 234, 236, 237, 241, 245
  - information society 20, 23, 26, 159, 163, 165, 176
  - Information Society DG 71, 73, 74, 79, 88
  - Information Systems 53, 66, 67, 68
  - Information Technology Association of America (ITAA) 228
  - information technology (IT) 22
  - Information Technology Management Reform Act of 1996 (ITMRA) 226
  - information transparency 158, 159, 160, 162, 166, 168, 170, 171, 174, 175, 176, 183
  - information transparency (ITW) 171
  - infrastructure and technologies 190
  - infrastructure development 439
  - infrastructure readiness 378
  - initiating e-government 376, 377, 392, 395
  - Inland Revenue Board (IRB) 321
  - Innocent National Initiative (IINT) 228
  - instrumentality 25
  - instrumental rationality 243
  - intelligent solutions to collective problems 118
  - International Criminal Police Organization (Interpol) 229
  - international funding 165
  - International Monetary Fund (IMF) 191
  - Internet access 74, 79, 274, 277
  - internet-based anti-corruption effort 372
  - Internet Crime Complaint Center (IC3) 222
  - Internet Fraud Complaint Center 222
  - Internet penetration 202
  - interoperability 240
  - invasion of privacy 210, 211
  - I&R agencies 132
  - I&R database 132, 133, 134, 135, 136, 145, 146, 149
  - I&R phone and desk service 136
  - I&R programs 132
  - I&R service 132, 134, 135, 137, 138, 139, 146, 148, 149, 151
  - I&R services 132, 133, 134, 137, 142, 146, 151
  - I&R specialist 132, 141
  - IT Bill 438
  - IT infrastructure 61
  - IT services 285
  - IT skills and training 443
- J**
- James City County 122
  - ‘Janmabhoomi’ (Motherland) 440
  - joined-up systems 234, 243, 244, 245
  - Joint Anti-Piracy Initiative 229
- K**
- Kaohsiung Citizen Electronic Complaint System (KCECS) 400
  - Kaohsiung City Government (KCG) 401
  - Kaohsiung Mayor’s Email Box (KMED) 401
  - keyword oriented search engine 147
  - Knowledge-Based Society 163
  - knowledge economy 20, 33
- L**
- language barriers 3
  - large-scale IT projects 240
  - law and order 437, 438, 443
  - learning and growth perspective 81, 82
  - liberalization 162, 176
  - License Plate Recognition (LPR) devices 211

## Index

Likert-scaling 325  
limited technological literacy 3  
LMI countries 191, 194, 199, 201, 202  
Lmi (Lower-Middle Income) 184  
Local e-Government 418, 421, 422, 428  
locale-Participation 418  
Local Government 91  
Local Government Associations (LGAs) 422  
local government information 158, 175, 176  
local government online 96  
local governments in Australia 421  
local government websites 91, 92, 93, 94,  
97, 99, 102, 103  
Lokvani 435, 436, 441, 442, 443, 445, 448  
long-term needs 253  
lower-middle income (LMI) 191  
low-performing public administration 60

## M

Malaysian Administrative Modernization and  
Management Planning Unit (MAMPU)  
335  
Malaysian Services 334  
management information systems (MIS) 383  
manual tax return form submission 322  
mashups 284, 287, 295  
Maturity models 72  
Mayor's Mail Box 368  
McDonald's effect 253  
means objectives 61  
measuring criteria 55  
Media Richness Theory (MRT) 256, 259  
Members of Parliament (MPs) 124  
MetroCouncil 425, 426, 429, 430  
Middle East and North Africa (MENA) 195  
mobile technologies 13  
models of citizen engagement 299, 300, 301,  
302, 303, 308, 309  
modern democratic nations 38  
modernisation debate 21  
Modernizing Government plan 69  
modern online public services 74, 79, 80  
Moreno's vision 201  
multi-channel approach 259  
multi-channelers 256  
Multi-channeling 257, 258

Multi-Channel Management 250  
multi-channel service 250  
multidimensional scaling (MDS) 98  
Multimedia Super Corridor (MSC)  
317, 318, 335, 336, 357  
Multiple Criteria Decision Making (MCDM)  
74  
multiple regression 344  
municipal agenda 174  
Municipal Association of Victoria (MAV)  
420, 421, 429, 433  
municipal websites 173, 174  
myGovernment Portal 335, 336

## N

National Aeronautical Space Alliance (NASA)  
213  
National Cyber Security Partnership (NCSP)  
228  
National Disaster Management Authority  
(NDMA) 445, 448  
National Fraud Information Center (NFIC) 225  
National Health Insurance Bureau 387  
National Health Service 244  
National Health Service (NHS) 124  
National Identity Register (NIR) 235  
National Informatics Center (NIC) 441  
National Information and Communication Ini-  
tiative Committee (NICI) 383  
National Information Infrastructure (NII) 383  
National Information Infrastructure Protection  
Act of 1996 225  
National Information Infrastructure Steering  
Committee (NII) 383  
National Partnership for Reinventing Govern-  
ment 91  
National Performance Review 253  
National Quality Research Centre (NQRC) 75  
navigability 93, 95, 96  
neo comparative 184  
neoinstitutional perspective 361  
net neutrality 125  
Net Present Value (NPV) 403  
Network Intrusion Detection (NID) 229  
network of data structures 207  
Newly industrialized countries 191



- Newly Industrialized Country 184  
 newly industrialized country (NIC) 191  
 New Public Management (NPM) 21, 22, 23, 251, 252, 350, 378, 419  
 New Public Management reforms 424  
 new technologies 145, 159, 160, 161, 162, 175, 211  
 new technology 211  
 new trends 111, 121  
 Nigerian money transfer scheme 224  
 Ninth Malaysian Plan (2006-2010) 332  
 NNTP (Network News Transfer Protocol) 139  
 No Electronic Theft (NET) Act 228  
 No-Filing Service 320  
 non-electronic communications 223  
 non-financial cost-benefit indicators 42  
 non-governmental organizations (NGO's) 194  
 non-probability convenience sampling design 342  
 nonprofit organizations 381, 384, 385  
 non-repudiation 340, 344, 349
- O**
- Odds Ratios (OR) 275, 276  
 OECD cost-benefit analysis framework 40  
 Office of Management and Budget 285  
 Ohio county websites 302  
 One Big Database 240  
 One Hundred E-Service Project 364  
 One Hundred Service Online Project 363  
 One Hundred Service Project 364, 371  
 one-stop shopping 92, 103  
 one-stop shops 254  
 online administrative work 362  
 online communities 111, 112, 117, 126  
 online democratic development 378  
 online interactions with government 3  
 on-line I&R 131, 133, 135, 137, 138, 146, 147, 148, 155  
 on-line municipal transparency 166  
 online participation 95  
 online services 53, 64  
 online tax filing and payment system (OTFPS) 321  
 Ontology 294, 295  
 open government 284, 296  
 openness and transparency 370  
 Organisations for Economic Co-Operation and Development (OECD) 24  
 Organizational Factors 186  
 organizational perspective 81  
 OzCouncil 425, 429, 430
- P**
- paper-based channels 22  
 partial failures 188  
 Participation 1  
 participation in decision making 54  
 participative management 57  
 participatory direction 99  
 participatory elements 94, 96, 97, 99, 102  
 participatory governance 376, 377, 379, 380, 381, 384, 397  
 Participatory Phase 188  
 "passion-centric" communities 114  
 Patient Opinion blog 124  
 Patriot Act 214  
 PAYE employees 328  
 payment of council rates 427  
 People's Daily Online 370  
 People's Republic of China (PRC) 362  
 perceived ease of use (PEOU) 323, 324, 341  
 Perceived Personal Utility 186  
 perceived readiness (PR) 324  
 perceived satisfaction 401, 408, 409, 410, 411, 412  
 perceived usefulness (PU) 323, 324, 341  
 Perception of Privacy Protection 340  
 Perfect ID 389  
 performance measurement 2  
 personal characteristics 257  
 personal privacy 210, 211, 214  
 Pew Internet and American Life Project 10, 18  
 phishing 221, 222, 224  
 phone directories on line 304  
 phone services 136  
 PMI Guide to the Project Management Body of Knowledge 72  
 Police Computer Service Department 440  
 policy decisions 104  
 Political corruption 183  
 political efficacy 40, 45, 47

## **Index**

- Political Marketing 106
  - political participation 360, 361, 368, 375
  - popular contact channels 269
  - Population density hypothesis 309
  - Populist 305, 306, 308, 310
  - populist, mass communication 298
  - populist model 302, 303, 306, 307, 310
  - posting of government contact email addresses 304
  - post-modern governance 110, 127
  - potential hackers 208
  - potential solutions 143
  - pragmatic tags 290, 291
  - prevention and detection of crime 437
  - privacy advocates 209
  - Privacy Impact Assessments (PIAs) 348
  - privacy protection 334, 340, 344, 345
  - process metrics 80
  - process of democratization 360, 361
  - production-sharing-utilization (PSU) 119
  - Product metrics 80
  - professional asymmetry 376, 382, 394, 395
  - Project Benchmarking 69
  - Project Communications Management 73
  - Project Cost Management 73
  - Project Evaluation 88, 89
  - Project Human Resource Management 73
  - Project Integration Management 73
  - project management field of knowledge 69, 71
  - Project Monitoring System (PMS) 335, 336
  - Project organization perspective 82
  - Project Procurement Management 73
  - Project Quality Management 73
  - Project results perspective 83
  - Project Risk Management 73
  - Project Scope Management 73
  - Project Time Management 73
  - Proliferation 230
  - promoting e-governance 386, 388
  - Prosperous External Environment 78
  - Protect Act 227
  - Protection of Children from Sexual Predators Act (PCSPA) 227
  - protection of human rights 163
  - Provision of services information 167, 168
  - public administration transformation efforts 73, 79
  - Public Electronic Network (PEN) 58
  - public financial information 176
  - public libraries 5, 7, 11, 14, 16, 17, 18
  - public needs 158, 159
  - public officials' crimes 363, 366
  - public opinion 268, 269
  - public policy framework 126
  - public policy interests 92
  - public portals 70
  - public sector 20, 21, 22, 23, 24, 26, 27, 32, 33, 34
  - Public Service Delivery 250
  - Purchasing Power Parity 436
- ## **Q**
- qualitative indices 78
  - quantitative empirical study 61
  - quantitative indices 78
  - Question and Answer (QA) system 141
  - question answering 137, 138, 142, 154, 155
  - Question Answering search engines 134
  - question-answer (QA) systems 140
  - Quirk's model 426
- ## **R**
- regression results 276
  - Reinventing Government 21, 22, 23
  - Relationship Management Service 291
  - reliance on data 210
  - replacement channel strategy 257
  - Research, Development and Evaluation Commission (RDEC) 41
  - Resident Decision Model 193
  - resistance to change 59, 61
  - Resources metrics 80
  - Resource View 189, 197
  - Responsibility for the content disclosed 170, 173
  - Responsibility for the information disclosed 170, 173
  - Return on Investment (ROI) 403
  - RFP (request for proposal) 213
  - right to privacy 210
  - Ring of Steel 211
  - risk-countervailing actions 244
  - risk perceptions 234, 236, 238, 239, 241

roadmap for IT implementation 439  
 RSS feeds 8, 115, 119, 120, 121, 122  
 RuralCouncil 425, 429, 430  
 rural poor 436, 441  
 rural-urban digital divide 271

## S

Santo Domingo Declaration on Good Governance 163  
 scammers 208  
 scenario-building process 381  
 scoreboard methodology 76, 77  
 search on “foreclosures” 285  
 Second Life 8  
 Second Wave reforms 420  
 security, privacy 234  
 security protocols 216  
 security risks 111, 125  
 Semantic Annotation 296  
 Semantic tagging 288  
 Semiotics 106  
 service channel choices 275  
 service channels 250, 268, 269, 272, 273, 276, 279, 280  
 service channel strategies 251, 258  
 service channel use 280  
 service delivery 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 262, 263  
 service quality 38, 40  
 SERVQUAL 77, 78, 87, 88, 89, 405, 415  
 SERVQUAL model 56  
 simple regression 344  
 situational characteristics 257  
 situational crime prevention 231  
 snooping 214  
 Social Bookmarking 296  
 social digital contract 245  
 Social event 62  
 social inclusion 125  
 Social Influence Model 256  
 socially useful information 2  
 Social media 130  
 social networking 7, 13, 14, 110, 111, 112, 113, 114, 116, 118, 119, 120, 121, 122, 123, 128, 130

social network services (SNS)  
 112, 113, 122, 126, 130  
 social tagging 283, 287, 289, 292, 293, 294, 296  
 social tagging system architecture 287, 289  
 social tagging technology 283  
 social value 54  
 social welfare services 285  
 socio-cultural offerings 168  
 socioeconomic factors 270  
 Socio-economic hypotheses 308  
 socio-economic variables 309, 310  
 socio-technical systems perspective 382  
 Software Life-Cycle models 72  
 Spam 221, 222  
 spatio-temporal tags 290  
 Special Data Dissemination Standard 163  
 stakeholder groups 185, 198, 201  
 stalkers 208  
 State Service Commission (SSC) 319  
 Stored Communications Act (SCA) 226  
 strategic management 57  
 Strategic management information 167, 168  
 strategic planning 77, 82, 83, 84, 90,  
 Strategy Targeting Organization Piracy (STOP) 229  
 street-level bureaucracy 301  
 strengths, weaknesses, opportunities, and threats (SWOT) 380  
 Syariah court 335, 336  
 symbolic content 91, 92, 99, 100, 101  
 Systems engineering 184, 189, 204, 205

## T

tag administration issue 288, 289, 291  
 Tag-based Filter 290, 291  
 Tag cloud 296  
 Tag Creation Service 290  
 Tag Creation services 291  
 tagging clouds 288  
 tagging system 287, 289, 290, 291, 292, 293  
 Tag space 288  
 Taipei City Mayor Emailbox (TCME) 408  
 Taiwan 37, 38, 41, 45, 46, 52  
 TAM model 338, 343, 352, 358  
 Targeted legislation 215

## Index

task characteristics 256, 257  
tax filing 317, 318, 321, 328, 331, 332, 333  
tax filing services 285  
technical perspective 82  
Technological Advancements 423  
technological change 431  
technological decision making 380  
technological determinism 25  
technological readiness 323  
technologists 198  
Technology Acceptance 184, 185, 203  
technology acceptance model (TAM) 185, 205, 317, 318, 322, 332, 334, 338, 354, 355, 356, 358  
technology-based products 323  
Technology, Education and Copyright Harmonization Act (TEACH Act) 228  
technology initiatives 184, 185, 188, 191, 192  
technology literacy 6  
Technology Readiness Index (TRI) 318, 322, 332  
technology utilization 401, 416  
Telecommunication infrastructure index 56  
telecommunications infrastructure 3  
telephone penetration 202  
Terrassa, Catalonia 131, 134, 136  
tGovernment projects 235  
tGovernment (transformational government) 235  
The Municipal Association of Victoria (MAV) 421  
theoretical research program (TRP) 222  
Theory of Planned Behaviour (TPB) 324  
Theory of Reasoned Action 186  
Tianjin Medical College 368  
Time horizon 62  
totalitarian state 242  
traditional channel users 43  
Transactional Phase 188  
transformational government 234, 235, 245, 247  
transparency of government 368  
transparent government 390  
trends of e-government 133  
Trust 1, 7, 19

trust of citizens 419  
twitter feeds 8

## U

Ubiquitous Democracy 385  
ubiquitous technologies 127  
UDDI 292  
UK Citizens Online Democracy 124  
Umi (Upper-Middle Income) 184  
UN e-government report 392  
UN e-government survey 2008 403, 416  
unified crime prevention strategy 436  
Unified Theory of Acceptance and Use of Technology (UTAUT) 324  
United Kingdom (UK) 321  
United Nations (UN) 71, 79, 191  
United States of America (USA) 133  
universal personal identification database 389  
upper-middle income (UMI) 191  
urban rich 436  
Usability 6, 10, 19  
usability engineering 184, 185, 190  
Usability engineering 190  
usability of the website 95  
usa.gov 261  
US Constitution 208  
UseNet 139, 140  
use of E-Government 193, 194, 196, 201  
user-centered 1, 2, 4, 9, 12, 14, 17, 20  
user-centered e-government 1, 2, 9, 21, 26, 27  
user-centric perspective 37, 41  
user-generated content production 110, 111  
User generated content (UGC) 130  
user-oriented strategies 29  
user satisfaction 55  
US federal government 283, 284, 285  
US Government's official Web portal 285  
U.S. Office of Management and Budget 54, 68  
U.S. society 271

## V

Validity 53, 62  
Value Measuring Methodology 4  
Value Pluralism Model 186, 187, 205  
Value, Risk 184

- Vertical Integration 56
  - victimization services 221, 229, 230
  - Victorian councils 420, 421, 422
  - Victorian Local Government Online Service  
    Delivery Project (VLGOSD project) 421
  - Virtual Embassy 123
  - virtual government 300
  - virtual government spaces 8
  - vision building 376, 391, 395
  - Visual Rhetorics 91
  - Voting on the Internet 194
  - vulnerability management model 437
  - vulnerable people 235
- W**
- Web 2.0 application 110, 111, 115,  
    116, 117, 119, 120, 121, 122,  
    124, 127, 130
  - Web 2.0 enthusiasts 111
  - Web 2.0 technologies 7, 284
  - web applications 299, 301
  - web attributes 298, 302
  - web based citizen engagement  
    299, 302, 307, 311, 312
  - web based citizen engagement practices 299
  - Web-based communities 110, 111, 130
  - Web-based e-government service 10
  - web-based service delivery 429, 430
  - Weberian bureaucracies 251
  - web evaluation 298
  - Web measure index 56
  - Web Portal 285, 296
  - web presence 298, 301, 311
  - website applications 300
  - website architecture 92, 96
  - website designs 92
  - Western democracies 418
  - Western liberal democracy 362
  - wikis 8, 13, 117, 130
  - willingness to go to jail 242
  - “word of mouth” communication 346
  - World Bank 69, 71, 73, 88, 89, 439,  
    447, 448
  - World Economic Forum 45, 52
  - World War II (WWII) 418
  - worldwide websites 302, 315
- Y**
- YASNS (“Yet Another Social Networking  
    Service”) 114
  - Yatsushiro City 123
- Z**
- ‘zero tolerance’ policy 216
  - ZigTag 287
  - zombie networks 224
  - Zombies 221, 222