Index

Abernathy, Frederick H., 64
Abolishthebank.org, 208
Abreu, Elinor, 194
Accenture, 254n2
Access law, 130–131
Accountability
  agency and, 74–78
  rulemaking and, 107–112
  security issues and, 284–288
Activism. See also Online politics
  Battle of Seattle and, 186
  blogs and, 192–193
  civic debate and, 186–187
  cybergraffiti and, 209
  Denial of Service (DoS) attacks and, 208, 211
  globalization protests and, 208–211
  hacktivism and, 186, 208–211
  spam and, 208
Administrative Procedure Act (APA), 103–105
Agency, 9, 19, 88. See also Networks
  accountability and, 74–78
  bureaucratic expertise and, 101–102
  cross-agency collaboration and, 4, 25, 64, 70–87
  dyadic factors and, 265–267
  government regulation and, 101–102
  Grants.gov and, 65, 81, 83–87
  hierarchical models and, 76–77
  integration and, 65–66
  interagency cooperation and, 30, 34, 36, 81, 86–87
  legitimacy and, 107–112
  lending information and, 283
  novelty and, 262–264
  rulemaking process and, 102–107
  security issues and, 284–288
  systemic factors and, 265–266
  Aggregation, 267–268
  Air pollution, 101
  Algesheimer, Rene, 243, 246
  Allen, Barbara, 78–79
  Allen, Thomas J., 266
  Ambrose, Stephen E., 262
  American Customer Satisfaction Index, 46
  American Institute of Architects, 169
  American Water Works Association, 117
  Anderson, Margo, 285–286
  Anti-Capitalist Convergence, 208
  Apache Web server, 196
  Apple, 194
  Applegate, Lynda, 64
  Area 51, 233
  Armstrong, Michael, 59–61
  “Around Ground Zero: A map for walking in Lower Manhattan after September 11” (Kurgan), 154–155
  Asch, Solomon E., 270
  Ash Institute for Democratic Governance and Innovation, 215–218
  a16.org, 209
  Assembly
    analytical challenges and, 147–152
    deliberation and, 159, 161–162
    demonstrations and, 162–169
Assembly (cont.)
  face-to-face, 150–151
  imagination and, 157–160
Innovative Design competition and, 163
Kurgan map and, 154–155
online, 150–151
post September 11 government and, 145–171
  practical challenge of, 145–147
  project ecology and, 150–151
  protocols and, 151
  public, 151–152
search as inquiry, 148–150
  socio-technologies of, 151–152
  testimony and, 152
AsthmaMoms, 166
Australia, 44–45
Austria, 8, 279–280
Automation, 215–218
  cost-benefit analysis and, 220–234
  improved service and, 228–229
  information benefits and, 224–227
  tax filing and, 219, 223–224, 227
Autonomy, 76
Axelrod, Robert, 69

Bachmann, Reinhard, 75
Back office costs, 43, 47–49
Bad Business (Parker), 125
Baldwin, Carliss, 191
Baltimore Sun, The, 218
Banerjee, Abhijit V., 268
Bangladesh, 25
Banisar, David, 126
Bannister, Frank, 3
Bárabasi, Albert-Laszlo, 197, 267
Barber, Benjamin R., 177, 288
  online politics and, 184–185, 187, 195
  rulemaking and, 102, 111, 116
Bardach, Eugene, 67, 69, 72, 79
Barry, Andrew, 148
Barth, Yannick, 148
Battle of Seattle, 186
Behn, Robert D., 11, 77, 215–238
Bekkers, Victor, 4
Benkler, Yochai, 191

Bennett, Lance W., 186
Biedell, Jeff, 69, 72
Bijker, Wiebe E., 8
Bikhchandani, Sushil, 268
Bildschirmtext, 289
Bimber, Bruce, 4, 17, 171, 185–187
Binz-Scharf, Maria Christina, 11
  FirstGov and, 33–37
  network building and, 261–278
Biometric identification, 8
Bitzer, Jurgen, 191
Blades, Joan, 188, 196, 198
Blalock, Ann Bonor, 233
Blau, Peter, 147
Blogs, 10, 290
  as citizens' voice, 198–199
  educational levels and, 199
  ethnicity and, 199
  online politics and, 183, 188–200
  power law distribution and, 197
Bloom, Joel David, 188
Boettiger, Sara, 191
Bohman, James, 186
Bolchini, Davide, 238
Bonaccorsi, Andrea, 191
Bonham, Matthew, 17
Borenstein, Seth, 112
Boston, Jonathan, 233
Bouckaert, Geert, 54
Bourdieu, Pierre, 69, 268
Boyd, Wes, 188, 196, 198, 200
Boyet, Joseph H., 7
Brady, Henry E., 198
Brandon, Barbara H., 102
Bratton, William, 217–218, 233
Bretschneider, Stuart, 67
Brewer, Eric, 33
Brown, Mary Maureen, 72–74, 79
Brown, Michael D., 77
Brudney, Jeffrey L., 73–74, 79
Buenza, Daniel, 147, 153
Buffalo News, The, 218
Building permits, 216
Burden reduction, 42–43
Bureau of Radio Research, 147
Burk, Dan L., 191
Burkert, Herbert, 10, 125–141, 284–285, 290
Burt, Ronald S., 266, 283
Bush, George W., 17, 106–107, 187, 190, 193
“Bush in 30 Seconds” contest, 192
Business.gov, 43
Business-to-government (B2G) reports, 52–53
Byrd, Robert, 197
California, 216
Callon, Michel, 148
Campbell, Kim, 199
Canada, 21, 54, 78, 218, 287
cable television and, 289
Federal Access to Information Act and, 127
Management Board and, 73–74
multi-level integrated information structures (MIIS) and, 73–74
online services and, 24
user satisfaction and, 46–47
Cantoni, Lorenzo, 257–260
Carlitz, Robert D., 102
Carpenter, Daniel P., 81, 265
Cash, James I., 64
Castañer, Xavier, 67
Castells, Manuel, 6–7
“Cathedral and the Bazaar, The” (Raymond), 190–191
CBS News, 193
Center for Responsive Politics, 188
Center for Technology and Government (CTG), 274
Chadwick, Andrew, 18–19
Chakravarty, Sujoy, 191
Challenger explosion, 148
Champy, James, 64
Chatfield, Eric, 167
Chau, Derek, 241
Cheney Challenge, 190
Chetkovich, Carol, 263
Chiat, William S., 72
Chicago, 216–219
Chief information officers (CIOs), 84, 95, 273
Chinatown, 150, 166
Choice, 46
Christian Science Monitor, 190
Cisco, 71
CitiStat, 217–218, 230–231
Citoyens, 41, 285, 288
Civic Alliance, 146, 159, 162, 169
Clark, Kim, 191
Clark, Wesley, 187, 190
Clark TechCorps, 190
Clinton, Bill, 33, 83, 106, 188
Clinton, Hillary, 168
Clustering, 265–266
CNN, 192
Coglianese, Cary, 9–10, 101–122, 184, 289, 290
Cognition, 151–152
Cohen, Alfred P., 266
Cohen, Steven, 224
Cohen, Susan G., 64, 67, 72–73
Coleman, James S., 69, 147, 268
Colford, Paul D., 199
Columbia University, 147, 154
Committee of Ministers of the Council of Europe, 132–133
Communism, 22
Compstat, 217–218, 230–231
Computer Professionals for Social Responsibility (CPSR), 142
Confidentiality, 21–22, 54
Conn, Henry P., 7
Consulting companies, 274–275
Cook, James, 266
Copyright, 135
Cornfield, Michael, 195
Costs
back-office, 43, 47–49
budgetary approach and, 226–227
burden reduction and, 42–43
categorization of, 40
compatible systems and, 281–283
direct, 41
direct nonfinancial, 45
EDOCKET and, 123
efficiency and, 128–132
Costs (cont.)
evaluation and, 220–234
front-office, 43–44, 47–49
Grants.gov and, 83
indirect, 50
multi-level integrated information structures (MIIS) and, 79
opportunity, 226
quantifiable vs. nonquantifiable, 41
reduced government spending and, 43–45
risk/benefit analysis and, 39–57
Council for Excellence in Government, 17
Crabtree, James, 2
Crain, W. Mark, 42
Cue´llar, Mariano-Florentino, 112, 115
Culbertson, Frank, 152–153
Curthoys, Noah, 2
Customer service, 46
Cybergraffiti, 209
Cyert, Richard M., 262, 283
Czech Republic, 21

Dahl, Robert A., 102, 116, 184–185
Daily Standard, The, 218
Daniels, Mitchell E., 113
Davenport, Thomas H., 64
Davenport, Thomas H., 64
Dawes, Sharon S., 78
Day, Diana, 68
Dean, Howard
  online politics and, 183–184, 187–198
Trippi and, 183, 189–190, 196, 198, 200
Dedrick, Jason, 191
de Figuiredo, John M., 112
DeFillippi, Robert, 150
Deibert, Ronald J., 186
Delegation, 107–112
Deloitte Research, 42
Demchak, Chris, 22
Democracy, 4, 9–10, 17
  balancing public interests and, 284–288
civic virtue and, 111
deliberative, 186–187, 288–291
Dewey on, 149–150
interest group pluralism and, 110–111
Internet and, 19
  legitimacy and, 101–102, 107–112
  online politics and, 183–201
  participation rates in, 1
  participatory electronic infrastructures and, 177–181
  rulemaking process and, 101–120
  security issues and, 284–288
  September 11 attacks and, 145–147
  Singapore and, 95
  strong (participatory), 102, 110–119, 177–180, 184–185, 288–291
  Sweden and, 177–180
technology/regulation pluralism and, 116–119
  voting rates and, 112–113
  weak, 101–120
Democracy and Its Critics (Dahl), 184
Demonstrations. See also Online politics
civic associations and, 162–169
Environmental Protection Agency (EPA)
  and, 163–170
  safety issues and, 165–169
  visual aids and, 162–165
Denial of Service (DoS) attacks, 208, 211
Denmark, 21, 25, 43
Denning, Dorothy E., 186
Denrell, Jerker, 233
Department of Agriculture, 106
Department of Defense (DOD), 142–143
Department of Health and Human Services, 36, 83–85
Department of Transportation (DOT), 103, 106, 113–114, 123, 160
Des Moines, 59–61
Dewey, John, 149–152
“Dialogue, The” (forum), 178
Di Blas, Nicoletta, 258
DiCarlo, Rachel, 218
Digital divide, 48, 185
Digital Government Academy, 270
DiMaggio, Paul J., 268
Dimpfel, Marcus, 243, 246
Disintermediation, 283
dms.dot.gov, 106
Dockets, 105–107, 113–114, 114, 119, 123–124
Dominican Republic, 25
Done, Robert S., 222
Dorf, Michael, 147, 149
dot.com bubble, 39
Doz, Yves L., 67, 74
Drezner, Daniel W., 188
Drucker, Peter F., 7
Drudge, 193
Drugs, 25, 101–102
Drum, Kevin, 188
Dubai Electronic Government (DEG), 97–98
Dubner, Stephen J., 233
Dutton, William H., 3, 289
Dyadic factors, 69, 265–267
Eccles, Robert, 64
Economic issues
cost-benefit analysis and, 220–234 (see also Costs)
data entry and, 2–3
democracy and, 4
dot.com bubble and, 39
economic impact analysis and, 105
FirstGov and, 34–35
globalization and, 208–211
government regulation and, 101
growth support and, 50–53
investment risk and, 39
online politics and, 184, 187–188
open-source software and, 183–184, 189–195
reduced computing costs and, 1–2
taxes and, 5–6, 42, 54, 55, 219, 223–224, 227
tourism and, 154
transactions and, 2–3
Unfunded Mandates Reform Act and, 105
World Trade Center (WTC) and, 145
Economist, The, 64
e-democracy, 95, 177–181
EDOCKET, 106, 114, 123–124
Education, 20, 27
Efficiency, 3–4, 128–132, 215, 218
Eggers, William, 7
E-Government Act, 35, 107
e-Government Imperative, 272
E-government Trailblazer Award, 123
Egypt, 25
Eimicke, William, 224
Electronic government
adoption curve of, 21
assessing benefits of, 39–57
automation and, 215–234
balancing policies of, 284–288
boundary removal of, 17
bricks-and-mortar agencies and, 17
burden reduction and, 42–43
comments and, 26, 103–107, 111–118
compatible systems and, 281–283
cost reduction and, 43–45 (see also Costs)
cross-national comparisons and, 19–23, 29–30
data entry costs and, 2–3
defined, 2, 4, 128–129
digital delivery systems and, 17
direct financial costs and, 41
direct nonfinancial costs and, 45
dot.com bubble and, 39
efficiency and, 3–4, 128–132, 215, 218
e-mail notification and, 26
equity issues and, 3
e-rulemaking and, 102–107, 112–119
EU best practices and, 271
evaluation of, 220–234
FirstGov and, 30, 33–37
four levels of, 218–220
freedom of information and, 125–143
global perspectives on, 17–30
good governance and, 44–45, 50, 54–56
government-to-citizen relationships and,
241–253
growth support and, 50–53
improved service and, 228–229
incrementalism and, 18
indirect costs and, 50
information quality and, 241–253
innovation and, 215–220
intergovernmental efforts and, 271–274
intragovernmental efforts and, 269–271
investment risk and, 39–57
IRS and, 5–6
legitimacy and, 53–56
Electronic government (cont.)
meaningful participation and, 113–115
narrow view of, 4
networks and, 268 (see also Networks)
novelty issues and, 262–264
Office of Electronic Government and, 107
online information and, 21–25 (see also Internet)
online politics and, 177–180, 183–200,
208–211
participatory electronic infrastructures and,
177–181
performance analysis and, 23–30
performance government and, 217–218
police and, 217–218, 230–231
public outreach and, 26–27, 50
purpose of, 4
reengineering and, 215–234, 283–284
regional variation and, 27
satisfaction surveys and, 243
security issues and, 21–22, 242, 283–288
time savings and, 2–3
total investment benefits and, 47–49
transparency and, 17 (see also Transparency)
two-way communication and, 26–27
user satisfaction and, 45–47
uses of, 21
website complexity and, 242–243
electronic-government.ch, 240
Electronic Privacy Information Center
(EPIC), 142–143, 290
e-lobbying, 180
Elster, Jon, 186
E-mail, 26, 96, 291
activism and, 208
influence of, 197–198
Moveon.org and, 188
spam and, 208
user satisfaction and, 45–47
Embeddedness, 68
Enterprise Resource Planning (ERP), 60
Environmental Protection Agency (EPA), 155
demonstrations and, 163–170
drinking water and, 117
time savings and, 2–3
total investment benefits and, 47–49
transparency and, 17 (see also Transparency)
two-way communication and, 26–27
user satisfaction and, 45–47
uses of, 21
website complexity and, 242–243
electronic-government.ch, 240
Electronic Privacy Information Center
(EPIC), 142–143, 290
e-lobbying, 180
Elster, Jon, 186
E-mail, 26, 96, 291
activism and, 208
influence of, 197–198
Moveon.org and, 188
spam and, 208
user satisfaction and, 45–47
Embeddedness, 68
Enterprise Resource Planning (ERP), 60
Environmental Protection Agency (EPA), 155
demonstrations and, 163–170
drinking water and, 117
EDOCKET and, 106, 114, 123–124
Lower Manhattan and, 165–169
Office of the Inspector General and, 167
Office of Solid Waste and Emergency
Response and, 167
Rulemaking and, 103, 106, 111–115
website complexity of, 113–114
Eppler, Martin J., 11, 241–256
e-procurement, 216
Epstein, David, 109
Equal Employment Opportunity
Commission (EEOC), 103
e-rulemaking
pluralism and, 102–103, 116–119
process of, 103–107
strong democracy and, 102, 112–116
eRulemaking Initiative, 106–107, 124
Escher, Tobias, 191
Espanol.gov, 36
Esterling, Kevin M., 4, 265
Estonia, 21
Ethnography, 147
EUROCITIES Knowledge Society Forum,
272–273, 279–280
European Space Agency, 153
European Union (EU), 19, 271, 287
Committee of Ministers of the Council of
Europe and, 132–133
freedom of information and, 136
front-office costs and, 48
supporting growth and, 51
EUROSTAT, 53
Faloutsos, Christos, 197
Faloutsos, Michalis, 197
Faloutsos, Petros, 197
Farrell, Henry, 188
Faust, Katherine, 264
FedBizOpps.gov, 85–86
Federal Aviation Administration, 106
Federal Bureau of Investigation (FBI), 281–
283
Federal Business Opportunities, 85–86
Federal Citizen Information Center, 35
Federal Communications Commission
(FCC), 106, 112
Federal Computer Week, 33
Federal Docket Management System (FDMS), 107, 124
Federal Emergency Management Agency (FEMA), 77, 84, 153, 155
Federal Register, 103–106, 114, 118
Federal Register of Formalities and Services, 42–43
Federal Search Foundation, 33
Ferraro, Fabrizio, 191
Fielding, Roy T., 196
50years.org, 208
Finland, 21, 44, 52–53, 271
Firefox, 196
FirstGov, 30, 33–37, 269–271
Fischer, Claude S., 8
Flaherty, David H., 287
Fleming, Lee, 191
Food and Drug Administration (FDA), 103
Forman, Mark, 84
Foucault, Michel, 153
Fountain, Jane E., 4, 9, 63–93, 281
France, 21–22, 289
Freedman, James O., 107
Freedom House, 29
Freedom of information, 284–285
access rights and, 130–131, 134
administrative documents and, 125–126
Committee of Ministers of the Council of Europe and, 132–133
conceptual challenges to, 134–137
context and, 130–131
data protection and, 126
development of, 125–128
editing and, 130–131
efficiency and, 128–132
e-government conflicts and, 128–132
Electronic Privacy Information Center (EPIC) and, 142–143
Federal Access to Information Act and, 127
Internet and, 127–140
law requirements and, 132–134
legal protection and, 128
legislation issues and, 125–128, 131
legitimacy and, 127–128
private sector and, 136–138
public/private dialectics and, 137–138
reuse restrictions and, 136
Secrecy Act and, 134–135
secrecy interests and, 133–135
Sweden and, 125–127, 134
technical definitions for, 133
time limits for, 133
Total Information Awareness (TIA) project and, 142–143
Freedom of Information Act, 55, 105, 143
Freedom of the press, 125–127, 134, 289–290
FreeRepublic.com, 193
Friedland, Lewis, 147
Friedman, Allan, 264, 268
Front-office costs, 43–44, 47–49
Froomkin, A. Michael, 289
Fudenberg, Drew, 69
Gaebler, Ted, 4
Galaskiewicz, Joseph, 265
Gallup surveys, 188
Garson, David, 17
Gasser, Urs, 243
Gates, Bill, 195
gatt.org, 209
Gender, 21
General Services Administration (GSA), 33, 35
Geographical Information Systems (GIS), 153, 155
Germany, 21–22, 285–287, 289
Ghoshal, Sumantra, 70
Gibson, James J., 152
Giddens, Anthony, 79
Girard, Monique, 10, 145–176, 290
Giuliani, Rudolph W., 233
Global Competitive Index, 50
Globalization, 208–211
globalizethis.org, 208
Global Positioning System (GPS) technology, 153
Gnome, 196
GNU/Linux operating system, 189, 191, 194–195, 198–199
Godwin, Beverly, 35–37
Goldsmith, Stephen, 7, 17
González-Baharona, Jesús M., 191
Good governance, 44–45, 50, 54–56
Google.com, 189
Gordon, Jesse, 188
Gore, Al, 187
Gosain, Sanjay, 191
Gouldner, Alvin, 147
Government
cost reduction and, 43–45
degregation and, 107–112
dot.com bubble and, 39
electronic, 1–2 (see also Electronic
government)
equity issues and, 3
good governance and, 44–45, 50, 54–56
governing issues and, 281–292
information, 5–12 (see also Information
government)
IRS and, 5–6
legislative process and, 78
legitimacy and, 53–56
manual, 215
network governance and, 7
performance, 215–218, 220–234
public good and, 285
security issues and, 284–288
taxes and, 5–6, 42, 54, 55, 219, 223–224, 227
trust in, 54
unelected bureaucrats and, 107–112
Weberian, 6, 75–76
Government Accountability Office (GAO), 112
Government Management Information
Sciences (GMIS), 273
gov.sg, 94
Graber, Doris, 8
Grabher, Gernot, 150
Granovetter, Mark S., 68, 70, 265–266, 270
Grant, Gerald, 241
Grants.gov, 65, 88
integration issues and, 81, 83–87
multi-level integrated information structures
(MIIS) and, 65, 81, 83–87
Presidential Management Initiative and, 81
Gravity models, 266
Grönlund, Ake, 177–181
Gross, Matthew, 196
Gross Domestic Product (GDP)
measurement, 20, 22, 29–30
Ground Zero, 146, 150, 153, 165
Group analysis, 147
Gulati, Ranjay, 73
Guthrie, Julian, 188
Gutmann, Amy, 186, 288
Gypsies, 285
Habermas, Jürgen, 186, 288, 290
Hackers, 189, 191
Hacktivism, 186, 208–211
Haefner, Klaus, 289
Hammer, Michael, 64, 215–216, 219
Hansard Society, 177
Hansen, John Mark, 198
Hansen, Morten T., 265
Harcourt, Bernard E., 233
Hargittai, Eszter, 20, 29, 185
Haruvy, Ernan E., 183–184, 189–193
Harvard University, 113
Haunschild, Pamela R., 265
Havekost, Charles, 84–86
Hawkes, Ellen, 198
Health issues, 20, 101–102, 217, 219, 225–226
Healy, Kieran, 196
Heider, Fritz, 266
Heintze, Teresa, 67
Helfert, Markus, 243
hellomrpresident.com, 209
Hendler, Josh, 190
Herbsleb, James, 196
Hindman, Matthew, 10, 183–207, 289, 290
Hirshleifer, David, 268
Hoban, Thomas J., 66
Hobbes, Thomas, 65
Hoel, James L., 66, 69, 72, 79
Holbert, R. Lance, 186
Holden, Stephen, 3
Holland, Paul W., 266
Holzer, Marc, 53
<table>
<thead>
<tr>
<th>Index</th>
<th>301</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homophily, 265–266</td>
<td>diffusion theory and, 265–267</td>
</tr>
<tr>
<td>Hong Kong, 21, 24</td>
<td>diversity and, 267–268</td>
</tr>
<tr>
<td>Hood, Michelle, 21</td>
<td>early/late, 242</td>
</tr>
<tr>
<td>Hope, Janet, 191</td>
<td>estimating benefits of, 224–227</td>
</tr>
<tr>
<td>Housing, 20</td>
<td>flexibility and, 7–8</td>
</tr>
<tr>
<td>Huberman, Bernardo, 197</td>
<td>flow enabling and, 5–9</td>
</tr>
<tr>
<td>Huggins, Robert, 66, 69</td>
<td>as foundation of governing, 1</td>
</tr>
<tr>
<td>Hurricane Katrina, 36, 77</td>
<td>freedom of information and, 125–143, 284–285</td>
</tr>
<tr>
<td>Hutchins, Edwin, 151–152</td>
<td>government regulation and, 101–120</td>
</tr>
<tr>
<td>Iannacci, Federico, 191</td>
<td>innovation and, 215–220</td>
</tr>
<tr>
<td>Ibbi-Sin, 5</td>
<td>interaction and, 2</td>
</tr>
<tr>
<td>IBM, 184, 194</td>
<td>interpretation and, 171</td>
</tr>
<tr>
<td>Idea Gallery, 159</td>
<td>Italian Ministry for Public Administration and, 257–259</td>
</tr>
<tr>
<td>Ideal types, 220</td>
<td>kiosks and, 279–280</td>
</tr>
<tr>
<td>IFAI (Instituto de Acceso a la Información Pública), 55</td>
<td>lending, 283</td>
</tr>
<tr>
<td>IKONOS satellite, 153</td>
<td>lengthy, 242</td>
</tr>
<tr>
<td>Imagine New York, 158–160, 169</td>
<td>meaningful participation and, 113–115</td>
</tr>
<tr>
<td>Incrementalism, 18–19</td>
<td>military and, 6</td>
</tr>
<tr>
<td>Independent Media Center, 210</td>
<td>multi-level integrated information structures (MIIS) and, 63–88</td>
</tr>
<tr>
<td>Individuals</td>
<td>networks and, 261–275 (see also Networks)</td>
</tr>
<tr>
<td>multi-level integrated information structures (MIIS) and, 66–71</td>
<td>online, 21–25 (see also Internet)</td>
</tr>
<tr>
<td>rational choice and, 64–65, 69</td>
<td>online politics and, 177–180, 183–201, 208–211 (see also Electronic government)</td>
</tr>
<tr>
<td>reciprocity and, 69</td>
<td>organizational design and, 5–9</td>
</tr>
<tr>
<td>social networks and, 68–71</td>
<td>origin issues and, 242</td>
</tr>
<tr>
<td>trust and, 68–69</td>
<td>overload and, 264</td>
</tr>
<tr>
<td>Indonesia, 21</td>
<td>participatory electronic infrastructures and, 177–181</td>
</tr>
<tr>
<td>Indymedia.org, 210</td>
<td>personal, 283</td>
</tr>
<tr>
<td>Infocomm Development Authority (iDA), 95–96</td>
<td>public, 2, 225</td>
</tr>
<tr>
<td>Information, 219</td>
<td>quality in, 241–253</td>
</tr>
<tr>
<td>access issues and, 288–291</td>
<td>relevancy and, 242</td>
</tr>
<tr>
<td>accuracy and, 242</td>
<td>retrieval difficulties and, 113–114</td>
</tr>
<tr>
<td>aggregation and, 267–268</td>
<td>search as inquiry, 148–150</td>
</tr>
<tr>
<td>balancing needs for, 284–288</td>
<td>security issues and, 21–22, 242, 283–288</td>
</tr>
<tr>
<td>blogs and, 10–11, 183, 188–200, 290</td>
<td>September 11 and, 8</td>
</tr>
<tr>
<td>B2G reports and, 52–53</td>
<td>specialized, 101–102</td>
</tr>
<tr>
<td>confidentiality and, 21–22</td>
<td>supporting growth and, 50–53</td>
</tr>
<tr>
<td>costs of, 43–45, 220–234</td>
<td>unclear, 242</td>
</tr>
<tr>
<td>vs. data, 224–227</td>
<td>user satisfaction and, 45–47</td>
</tr>
<tr>
<td>demonstrations and, 162–169</td>
<td>value judgments and, 102</td>
</tr>
<tr>
<td>deprivation and, 264</td>
<td>website complexity and, 242–243</td>
</tr>
<tr>
<td>difficulty of finding online, 113–114, 242–243</td>
<td></td>
</tr>
</tbody>
</table>
Information and communication technology (ICT), 1, 4, 30
administration improvement and, 54
blogs and, 10, 183, 188–200, 290
burden reduction and, 42–43
Bureau of Radio Research and, 147
cable television and, 289
City of Des Moines and, 59–61
costs of, 39–57, 79
cross-national comparisons and, 19–23, 29–30
difficulty in using, 113–114
government-to-citizen relationships and, 241–253
growth support and, 50–53
information flows and, 5–9
Internet and, 2 (see also Internet)
interorganizational networks and, 71–74
investment risk and, 39
legitimacy and, 101–102
multi-level integrated information structures (MIIS) and, 63–88
network building and, 261–275
novelty issues and, 262–264
online politics and, 177–180, 183–201, 208–211
open-source software and, 183–184, 189–193
participatory information infrastructures and, 177–180
peer-to-peer communication and, 273
reengineering and, 215–218
regulatory pluralism and, 116–119
rulemaking process and, 101–120
Singapore case and, 94–96
SMS messaging and, 209
strong democracy and, 102, 110–119
supporting growth and, 50–53
311 call system and, 216–217, 219, 232, 234n6, 236n17
user satisfaction and, 45–47
Information government, 11–12
flow enabling and, 5–9
information quality management (IQM) and, 243–253
multi-level integrated information structures (MIIS) and, 63–88
networks and, 7–8, 261–275 (see also Networks)
online politics and, 177–180, 183–201, 208–211
security issues and, 21–22, 242, 283–288
Information quality management (IQM) attributes and, 244–245
constraints in, 250–253
defining quality and, 243–248
electronic government and, 248–250
feedback and, 248–250
inspections and, 258–259
Italy and, 257–259
Office of Management and Budget and, 254n6
policy structure for, 246–248
processes and, 248–250
reference points and, 251–253
roles and, 248–250
stakeholders and, 244–248
tools and, 248–251
training and, 248–250
Ingram, Paul, 70, 75, 80–81
Innovation, 215–219
complexity of, 250
diffusion theory and, 250–253, 254n10
evaluation of, 220–234
improved service and, 228–229
information benefits and, 224–227
intergovernmental, 271–274
intragovernmental, 269–271
new services and, 229–231
Innovative Design competition, 163
Institute for Citizen-Centered Service, 54
Institutions
accountability and, 75, 77–78
delegation and, 107–112
elasticity of, 1
incrementalism and, 18–19
multi-level integrated information structures (MIIS) and, 75–79
networks and, 7–8, 268
oversight and, 108–109
Singapore case and, 95
supporting growth and, 50–53
unelected bureaucrats and, 107–112
Intel, 194
Interest group pluralism, 110–111
Internal Revenue Service (IRS), 5, 219, 223–224, 227
International Monetary Fund (IMF), 208–211
International Space Station, 152–153
Internet, 2, 291
access issues and, 48, 185–186, 288–291
blogs and, 10, 183, 188–200, 290
burden reduction and, 42–43
bureaucratic complexity and, 19
Code of Federal Regulations and, 106
collective action and, 186–188
cross-national comparisons and, 19–23
democracy and, 19
Department of Transportation (DOT) and, 106
difficulty in finding information on, 113–114
digital divide and, 48, 185–186
electronic government and, 17–18 (see also Electronic government)
empowerment and, 127
Federal Register and, 106
FirstGov and, 30, 33–37
freedom of information and, 127–140
front-office costs and, 47–49
incrementalism and, 18–19
information retrieval difficulties and, 113–114
narrowcasting and, 195
online politics and, 177–180, 183–200, 208–211
power law distribution and, 197
safety issues and, 54
satisfaction surveys and, 243
scale-free networks and, 267
security issues and, 21–22, 242, 283–288
supporting growth and, 50–53
transforming power of, 17–18
two-way communication and, 26–27
user satisfaction and, 45–47
website complexities and, 113–114, 242–243
Internet City, 3
Internet Explorer, 194
Interorganizational networks, 71–74
Investment, 56
burden reduction and, 42–43
capturing total benefits of, 47–49
compatible systems and, 282–283
costs and, 43–45, 220–234 (see also Costs)
electronic government and, 39–57
evaluation and, 220–234
growth support and, 50–53
open-source software and, 194–195
return on investment (ROI) calculation and, 40
risk/benefit analysis and, 39–57
rulemaking process and, 101
Iowa Department of Revenue, 227
Iraq War, 209
Isett, Kimberly Roussin, 72–73
Italian Ministry for Public Administration, 257–259
Janssen, Davy, 3–4
Japan, 21–22
Jasanoff, Sheila, 8
Jenkins, Cate, 167
Jennings, M. Kent, 187
Jews, 285
John F. Kennedy School of Government, 37, 215
Johnson, Charles, 184
Johnson, Diane, 171
Johnson, Judy A., 197
Johnson, Lawrence J., 69, 72, 74
Johnson, Stephen, 102, 112
Jordan, Tim, 186
Kagan, Elena, 109
Kahn, Richard, 186
Kampen, Jarl K., 54
Karmen, Andrew, 232
Los Angeles riots, 148
Lott, Trent, 188, 193
Lower East Side-Chinatown Consortium, 166
Lower Manhattan, 170–171
analytical challenge of, 147–152
Chinatown and, 150, 166
Civic Alliance and, 146
civic associations and, 146, 148–150, 155–169
demonstrations and, 162–169
EPA issues and, 163–170
Ground Zero and, 146, 150, 153, 165
Innovative Design competition and, 163
memorial in, 146
Port Authority and, 145, 162
practical challenge of, 145–147
project ecology and, 150–151
rebuilding of, 145–171
September 11 attack and, 145–146, 152–157
socio-technologies and, 151–152 (see also Socio-technologies)
technological assessment of, 152–157
tourism and, 154
transparency in projects of, 146, 156–157
transportation hub of, 156
World Trade Center (WTC) and, 145–147, 152–157, 162, 166, 169
zones of inquiry and, 148–150
Lower Manhattan Development Corporation (LMDC), 162
Lower Manhattan Tenants Coalition, 166
Lowi, Theodore J., 107–108
Lueck, Thomas J., 219
Lupia, Arthur, 186
Lyons, Daniel, 189
MacCormack, Alan, 191
MacFarquhar, Neil, 219
Macintosh, Ann, 177
Macy, Michael W., 268
Mahler, Julianne G., 219
Management and organization theory, 75–77
Mankin, Don, 66–67, 72–73
Manual government, 215–218
March, James G., 4, 67, 71, 262, 283
Margolis, Michael, 18–19, 185, 187
Maskin, Eric S., 69
Massachusetts, 269–271, 274
Mattei, Suzanne, 167
May, Christopher, 18–19
Mayer-Schönberger, Viktor, 1–4, 12–14
Des Moines case and, 59–61
Dubai case and, 97–98
freedom of information and, 142–143
governing issues and, 281–292
information government and, 5–11
Swiss electronic government and, 239–240
TeleCities and, 279–280
McCain, John, 187
McCubbins, Matthew, 109
McDermott, Richard, 262
McEvily, Bill, 69
McLeod, Jack M., 186
McNeal, Ramona S., 185
McPherson, Miller, 266
Meetup.com, 188–190
Meidinger, Errol, 108
Meier, Kenneth J., 7
Mellor, Wendy, 21
Memoranda of understanding (MOUs), 73–74, 84
Mergel, Ines, 94–96
Merton, Robert K., 147–148, 266
Metropolitan Information Exchange (MIX), 273
Mexican Social Security Institute (IMSS), 54–55
Mexico
 Federal Register of Formalities and Services and, 42–43
good governance and, 54–55
online services and, 24
Michigan, 216
Mickiewicz, Michele, 72
Microfilm, 6
Microsoft, 163–165, 194, 282
Milano Lugano Evaluation (MiLE) model, 258
Military, 6
Mill, J. S., 87
Miller, Arthur R., 287
Miller, Craig, 78, 86
Millet, Lynette, 3
Million Mom March, 186
Milward, H. Brinton, 64
Ministry of Finance (MOF), 95–96
Minitel, 289
Mintzberg, Henry, 6
Mische, Ann, 151
Mobilization for Global Justice, 208
Mockus, Audris, 196
Mohd Khalid, Nazariah, 2
Moon, M. Jae, 74, 222
Moses, Robert, 156
Mossberger, Karen, 4, 7, 185
Motorola, 194
Moultisas Zuniga, Markos, 183, 190, 200
Moveon.org, 183, 188, 192, 195–198
moving.com, 2
Muers, Stephen, 54
Mulgan, Geoff, 54
Multi-level integrated information structures (MIIS)
accountability and, 74–78
budget processes and, 79
division of labor and, 72
embeddedness and, 68
Grants.gov and, 65, 81, 83–88
group-level influences and, 66–71
individual influences and, 66–71
institutions and, 75–79
integration and, 64–65, 73–74, 81, 83–87
interorganizational networks and, 71–74
legislative process and, 78
Nee-Ingram model and, 80–81
organizations and, 71–74, 79–81
Presidential Management Initiative and, 81
project complexity and, 73
rational choice and, 64–65, 69
resource adequacy and, 74
specialization and, 72
structural framework of, 63–64, 79–81
trust and, 68–69
Municipal Art Society, 169
MyDD.com, 190
Nahapiet, Janine, 70
Narrowcasting, 195
Nation, The (journal), 183
National Aeronautics and Space Administration (NASA), 153
National Association of State Chief Information Officers (NASCIO), 273
National Center for Digital Government (NCDG), 274
National Computer Systems (NCS), 95–96
National Cyber Security Partnership, 193
National Office for the Information Economy, 45
National Performance Review, 17
National Science Foundation, 84
National Weather Service, 37
Nazis, 285–286
Neblo, Michael, 4
Nee, Victor, 70, 75, 80–81
Negroponte, Nicholas, 195
Nelson, Kimberly, 102
Neo, Boon-Siong, 64
Netchaeva, Irina, 2
Netherlands, 43, 285–286
Netscape, 184, 194
Networks
accountability and, 74–78
aggregation and, 267–268
authority relations and, 75–77
building, 261–275
clustering and, 265–266
collaborative effort and, 66–67, 78–87
compatible systems and, 281–283
configuration importance and, 265
consulting companies and, 274–275
cross-agency and, 70–87
defection and, 70
diffusion and, 265–267
division of labor and, 72
dyadic factors and, 69, 265–267
Index

embeddedness and, 68
goal agreement and, 73
Grants.gov and, 65, 81, 83–87
group-level influences and, 66–71
homophily and, 265–266
hub-spoke, 267
human action and, 261–264
individual influences and, 66–71
informational diversity and, 267–268
institutional, 75–79, 268
intergovernmental efforts and, 271–274
interorganizational, 71–74
intragovernmental efforts and, 269–271
multi-level integrated information structures (MIIS) and, 63–88
Nee-Ingram model and, 80–81
nodes and, 264
novelty and, 262–264
online politics and, 177–180, 183–201, 208–211
processing challenges and, 261–264
reciprocity and, 69
relationships and, 264
scale-free, 265, 267
security issues and, 284–288
social, 66, 68–71, 72 (see also Socio-technologies)
specialization and, 72
strength of weak ties and, 70
sustainability and, 74
systemic factors and, 265–267
TeleCities and, 272–273, 279–280
triadic closure and, 265–266
trust and, 68–69
Weber and, 75–76
Newby, Chris, 279–280
New York Committee on Occupational Safety and Health (NYCOSH), 167
New York Environmental Law and Justice Project, 167
New York Historical Society, 156
New York New Visions, 155, 169
New York Times, 167
New Zealand, 43
Nielsen, Jakob, 246, 258–259
Nielsen Net Ratings, 46
9/11 attacks. See September 11 attacks
911 Environmental Action, 166
Nohria, Nitin, 64
Nongovernmental organizations (NGOs), 211
Nordenson, Guy, 153, 155
Norris, Pippa, 4, 20, 22, 29, 185, 187
North Carolina, 216
Norway, 21, 54
Notice of proposed rulemaking (NPRM), 103–104, 114
Noveck, Beth, 102
Novelty, 262–264
NTIA, 185
Nuclear Regulatory Commission, 106
Nyden, Paul J., 197
Nye, Joseph S., 54
N.Z. Bear, 197
Obama, Barack, 197
Office of E-Government and Information Technology, 84
Office of Electronic Government, 107
O’Halloran, Sharyn, 109
Oliver, Christine, 64, 69
Olsen, Johan P., 4
Olson, Mancur, 186
O’Mahony, Siobhan, 191
Online politics
access issues and, 184–186
blogs and, 183, 188–200
collective action and, 186–188
economic issues and, 184
fundraising and, 187–188
globalization protesting and, 208–211
hacktivism and, 186, 208–211
open-source software and, 183–184, 189–200
peer production and, 191
Sweden and, 177–180
user skills and, 185
winner-take-all patterns and, 195–198
Online services. See Electronic government; Internet
OpenOffice.org, 196
Open Source Media, 184
Open-source software
blogs and, 192–193
core development teams and, 196
elite professionals and, 198–199
investment in, 194–195
Linux and, 189, 191, 194–199
online politics and, 183–184, 189–200
peer production and, 191
Sourceforge.net and, 195–196
theory of, 190–193
winners-take-all patterns and, 195–198
Oracle, 194
Organization for Economic Co-operation and Development (OECD), 3–4, 20, 55–56
burden reduction and, 42
cross-national analysis and, 19–23
digital divide and, 48
dot.com bubble and, 39
front-office costs and, 47–49
government spending rates and, 44
intergovernmental networks and, 271–273
management theory and, 75–77
Public Governance and Territorial Development Directorate and, 272
supporting growth and, 51–53
Organizations. See also Networks
compatible systems and, 281–283
multi-level integrated information structures (MIIS) and, 71–74, 79–81
online politics and, 186 (see also Online politics)
project ecologies and, 150–151
reengineering issues and, 283–284
Orlikowski, Wanda, 4
Osborne, David, 4
Osorio-Ursua, Carlos, 64
Ostrom, Elinor, 69
O’Toole, Laurence J., 7, 72–74, 79
Pace University, 165
Palkey, Neil W., 73
Panopticon, 153
Paolini, Paolo, 258
Parker, Robert B., 125
Parr, Victoria, 21
Parson, Edward, 101, 104
Participatory democracy, 102, 112–116
Passports, 7–8, 36
Patterson, Thomas E., 113, 194
Pea, Roy, 152
Pennock, David, 197
Pentagon, 142
Perens, Bruce, 189
Performance government
automation and, 219–234
electronic government and, 215–218
evaluation of, 220–234
four levels of, 218–220
innovation and, 219–220
reengineering and, 215–218
Perrone, Vincenzo, 69
Persian Gulf, 97–98
Personal digital assistants (PDAs), 26
Peters, B. Guy, 4
Pew Foundation, 47
Pew Internet and American Life Project, 188
Pew Research Center, 54
Philipp, Renate, 137
Piatt, Bill, 33–34, 36
Pike, William, 117
Piore, Michael J., 75
Pluralism, 116–119
Pohjola, Matti, 20, 29
Pointcasting, 195
Poland, 21
Police
information flows and, 217–218, 230–231
ViCAP program and, 281–283
Policy, 3
balance and, 284–288
bureaucratic expertise and, 101–102
consultants and, 274–275
cultural norms and, 18
good governance and, 44–45, 50, 54–56, 285
incrementalism and, 18–19
individual behavior and, 18
information flow and, 5–9
information quality management (IQM) and, 243–253
infrastructure, 247–248
interest group pluralism and, 110–111
legitimacy and, 53–56, 101–102, 107–112
process and, 247–248
public good and, 285
relevance and, 247–248
rulemaking process and, 101–120
security issues and, 284–288
transparency and, 102
unelected bureaucrats and, 107–112
validity and, 247–248
Politics
bureaucratic complexity and, 19
demonstrations and, 162–169
good governance and, 55–56
hacktivism and, 186, 208–211
incrementalism and, 18–19
legitimacy and, 53–56
meaningful participation and, 113–115
novelty and, 262–263
online, 177–180, 183–200, 208–211
transparency and, 55 (see also Transparency)
unelected bureaucrats and, 107–112
voting rates and, 112–113
Polletta, Francesca, 162
Pollitt, Christopher, 221, 226, 233, 236n18
Port Authority, 145, 162
Powell, Walter W., 67, 268
Power law distribution, 197
PowerPoint presentations, 163–165
Prefontaine, Lise, 78
Premfors, Rune, 177
Presidential Management Initiative, 81
President’s Management Agenda, 106
President’s Management Council, 35
Printing press, 6, 8
Prisoner’s Dilemma, 69
Privacy
Electronic Privacy Information Center (EPIC) and, 142–143
freedom of information and, 125–143
Total Information Awareness (TIA) project and, 142–143
Private sector, 284
freedom of information and, 136–138
information flow and, 5–9
investment risk and, 39
organizational design and, 5–9
Procedural fairness, 46
Provan, Keith G., 64, 72–73
Prusak, Laurance, 64
Public Governance and Territorial Development Directorate, 272
Public opinion surveys, 20–21, 115–116
Public sector, 17
accountability and, 74–78
administration reform and, 5
balancing interests of, 284–288
blogs and, 10, 183, 188–200, 290
citoyen and, 41
civic associations and, 157–169
cost-benefit analysis and, 220–234 (see also Costs)
cross-national comparisons and, 19–23
demonstrations and, 162–169
digital divide and, 48
dot.com bubble and, 39
efficiency and, 3–4
FirstGov and, 35–36
freedom of information and, 125–143
front-office costs and, 43–44, 47–49
good governance and, 50
government-to-citizen relationships and, 241–253
growth support and, 50–53
health issues and, 20, 101–102, 217, 219, 225–226
incrementalism and, 18–19
information flow and, 5–9
interest group pluralism and, 110–111
legitimacy and, 107–112
meaningful participation and, 113–115
multi-level integrated information structures (MIIS) and, 63–88
novelty and, 262–264
online information and, 21–24 (see also Internet)
Public sector (cont.)
online politics and, 177–180, 183–201, 208–211
passports and, 7–8
public good and, 285
public outreach and, 26–27
rulemaking process and, 101–120
security issues and, 21, 284–288
socio-technologies and, 148–150 (see also Socio-technologies)
transformation of, 2
user satisfaction and, 45–47
zones of inquiry and, 148–150
Putnam, Robert D., 69

Racism, 193
Rais Abdul Karim, Muhammad, 2
Raman, Gopal, 123–124
Ramirez, Margaret, 166
Ranie, Lee, 47, 188, 197
Rather, Dan, 188
Rational choice theory, 64–65, 69
Raymond, Eric S., 190–191, 193
Razorfish, 155
r.dot, 156
Rebuild Downtown Our Town, 156
Reciprocity, 69
Reengineering
evaluation of, 220–234
information flows and, 215–219
organizational issues and, 283–284
Regan, Priscilla M., 219
Regh, William, 186
Regional Planning Association, 169
Regulations. See also Policy
burden reduction and, 42–43
dockets and, 105–107, 113–114, 119, 123–124
economic impact analysis and, 105
Federal Register and, 103–106, 114, 118
freedom of information and, 125–140
information for, 101–120
interest group pluralism and, 110–111
Internet and, 106
return on investment (ROI) calculation and, 40
Rivlin, Alice M., 64
Robles, Gregorio, 191
Rockefeller family, 156
Rogers, Everett M., 250–252, 254n10, 265
Rooks, Gerrit, 75
Rosenstone, Steven J., 198
Rossi, Cristina, 191
Rotenberg, Marc, 142–143
Rotthier, Sabine, 3–4
Rourke, Brad, 190
Rubinstein, Daniel, 78
Rulemaking, 120. See also Regulations
dockets and, 105–107, 113–114, 119, 123–124
economic impact analysis and, 105
Federal Register and, 103–106, 114, 118
freedom of information and, 125–140
information for, 101–120
interest group pluralism and, 110–111
Internet and, 106
legitimacy and, 101–103, 107–112
notice and comment, 103–104
pluralism and, 102–103
process of, 103–107
societal impact of, 101
specialized agencies and, 101
strong democracy and, 102, 112–116
transparency and, 102
unelected bureaucrats and, 107–112
value judgments and, 102
Regulations.Gov, 106–107, 118–119
Regulatory impact analysis (RIA), 43
Reinventing Government reforms, 83
Republic.com (Sunstein), 187
Resnick, David, 18–19, 185, 187
Restaurants, 219, 226
Risk
burden reduction and, 42–43
cost/benefit analysis and, 39–57 (see also Costs)
evaluation and, 220–234
freedom of information and, 128
return on investment (ROI) calculation and, 40
Rivlin, Alice M., 64
Robles, Gregorio, 191
Rockefeller family, 156
Rogers, Everett M., 250–252, 254n10, 265
Rooks, Gerrit, 75
Rosenstone, Steven J., 198
Rossi, Cristina, 191
Rotenberg, Marc, 142–143
Rotthier, Sabine, 3–4
Rourke, Brad, 190
Rubinstein, Daniel, 78
Rulemaking, 120. See also Regulations
dockets and, 105–107, 113–114, 119, 123–124
economic impact analysis and, 105
Federal Register and, 103–106, 114, 118
freedom of information and, 125–140
information for, 101–120
interest group pluralism and, 110–111
Internet and, 106
notice of proposed rulemaking (NPRM) and, 103–104, 114
process of, 103–107
strong democracy and, 112–116
technology/regulation pluralism and, 116–119
unelected bureaucrats and, 107–112
voting rates and, 112–113
Rusnak, Alan John, 191
Russia, 20–21
Saad, Lydia, 188
Sabatier, Paul A., 73
Sabel, Charles, 75, 147, 149
Sacheli, Sarah, 218
Sack, Warren, 147
Sagalyn, Lynne, 169
Sanders, Lynn M., 152
Sandler, Herbert, 195
SAP, 194
Sarajevo, 155
Satellites, 153, 155
Saxenian, Annalee, 75
Schattschneider, E. E., 110, 198
Schedler, Kuno, 239–240
Schlosberg, David, 112, 115
Schlozman, Kay, 198
Schoenbrod, David, 108
Schreiber, Wolfgang, 191
Schoenbrod, David, 108
Schreiber, Philipp, 191
Schuler, Douglas, 147
Schussman, Alan, 196
Schwartz, Thomas, 109
Scott, Esther, 188
Search, 148–150
Secrecy Act, 134–135
Seidenfeld, Mark, 117
Seifert, Jeffrey, 17
Seipel, Peter, 125–127
Seltzer, William, 285–286
Seper, Chris, 193
September 11 attacks, 8, 135
Kurgan map and, 154–155
rebuilding Lower Manhattan and, 145–171
reconnaissance missions and, 154–156
technological assessment of, 152–157
Shah, Dhavan V., 186, 191
Shane, Peter M., 111
Shapiro, Andrew L., 195
Shapiro, Carl, 64, 282
Shapiro, Sidney, 117
Shields, Gerard, 218
Short message service (SMS), 96, 209
Shulman, Stuart, 112, 115
Sierra Club, 167
Sifry, Micah L., 183
Silcock, Rachel, 2
Simon, Herbert, 67, 71
Simon, Mark, 192
Simon, Roger L., 184
Sin, Gisela, 186
Singapore, 2–3, 24–25, 94–96
Singh, Harbir, 73
Singpass (Singapore Personal Access), 96
SISI (Sistema de Solicitudes de Informacion), 55
Skrzycki, Cindy, 86
Skyscraper Museum, 156
Small and medium enterprises (SMEs), 42
Smart cards, 2–3
Smith-Lovin, Lynn, 266
Snijker, Kris, 3–4, 54
Social capital, 69–71, 74
Social Science Research Council, 156
Socio-technologies
analytical challenges and, 147–152
blogs and, 10, 188–200, 290
civic associations and, 146, 148–150, 155–169
cognition and, 151–152
collaboration and, 150–151
demonstrations and, 162–169
digital ecologies and, 150–151
electronic town meetings and, 159, 161–162
ethnography and, 147
government-to-citizen relationships and, 241–253

Index 311

group analysis and, 147
interactive media and, 147–148
mass movements and, 148
nonhierarchical forms and, 147–151
novelty and, 262–264
Socio-technologies (cont.)
  online politics and, 177–180, 183–201, 208–211
  practical challenge of, 145–147
  public forums and, 147
  rebuilding Lower Manhattan and, 145–171
  security issues and, 284–288
  as setups, 152
  zones of inquiry and, 148–150
Sonic Memorial Project, 156
Sorkin, Michael, 156
Soros, George, 195
Sourceforge.net, 195–196
Spam, 208
Special Advisor for Faith-Based and Community Initiatives, 17
Spitzgo, Rebecca, 84–85
SPOT satellite, 153
Stanley, J. Woody, 111
Stansbury, Mary, 4, 185
Stark, David, 10, 145–176, 290
StarOffice, 194–195
State University of New York, 274
Steinmo, Sven, 4
Stewart, Katherine J., 191
Stewart, Richard B., 108, 110
Strang, David, 268
Strategic Materials and Resources Tool (SMART), 273
Streib, Gregory, 4
“Strength of Weak Ties” (Granovetter), 265–266
Strogatz, Steven H., 266
Stromer-Galley, Jennifer, 194
Strong Democracy (Barber), 184
Structural Engineers Association of New York (SEAoNY), 153
s29.org, 209
Sumer, 5
Summit of the Americas, 209
Sun Microsystems, 184, 194–195
Sunstein, Cass R., 117, 186–187, 195
Sweden, 134
  electronic information structures and, 177–180
  freedom of the press and, 125–127
Swedish Official Committee on Democracy (SOCD), 177
Swiss E-Government Barometer, 239–240
Sydow, Jörg, 150
Taiwan, 22, 24
Tardini, Stefano, 258
Taxes, 5–6, 42, 54, 55, 219, 223–224, 227
Taylor, Paul, 186
Taylor, Robert S., 245
Taylor Nelson Sofres, 20–21, 54
Technology, 27, 291
  administration reform and, 5
  automation and, 215–218
  blogs and, 10–11, 183, 188–200, 290
  cable television and, 289
  compatible systems and, 281–283
  computing power and, 1–2
  country wealth and, 20, 22, 29–30
  demonstrations and, 162–169
  efficiency and, 3–4
  flexibility and, 7–8
  freedom of information and, 125–140
  Geographical Information Systems (GIS), 153, 155
  governing issues and, 281–292
  Global Positioning System (GPS), 153
  growth support and, 50–53
  ICT, 1 (see also Information and communication technology (ICT))
  incrementalism and, 18–19
  information flows and, 5–9
  Internet and, 2 (see also Internet)
  interoperability and, 282
  investment risk and, 39
  LIDAR and, 153
  network governance and, 7–9 (see also Networks)
  OMB and, 84
  open-source software and, 183–184, 189–200
  peer-to-peer communication and, 273
  poor countries and, 22
  rebuilding Lower Manhattan and, 145–171
reengineering and, 215–218
regulatory pluralism and, 116–119
satellites and, 153, 155
scientific breakthroughs and, 18
September 11 attacks and, 152–157
SMS messaging and, 96, 209
social, 147–152 (see also Sociotechnologies)
strong democracy and, 102, 110–116
Techno-optimism, 111–112
TeleCities, 272–273, 279–280
Temporary Memorial Committee, 155
Terra satellite, 153
Thelen, Kathleen, 4
Thomas, John Clayton, 4
Thompson, Dennis, 186, 288
Thompson, James, 6
Thompson, Mark, 218
Thompson, Tommy, 83
311 call system, 216–217, 219, 232, 234n6, 236n17
Time, 218
Tirile, Jean, 191, 196
Tolbert, Caroline J., 4, 185
Tornatzky, Louis G., 250
Torvalds, Linus, 189, 199
Total Information Awareness (TIA) project, 142–143
Transactions
  efficiency and, 128–132
  freedom of information and, 125–143
  online safety and, 3
  reduced cost of, 2–3
Transparency
  accountability and, 74–78, 107–112, 284–288
  efficiency and, 128–132
  freedom of information and, 125–143
  information and communication technology (ICT) and, 101–102
  rebuilding Lower Manhattan and, 146, 156–157
Secrecy Act and, 134–135
security issues and, 283–288
Treasury Board of Canada Secretariat, 73–74
Triadic closure, 265–266
Trippi, Joe, 183, 189–190, 196, 198, 200
Trust, 68–69
Tsiontsionlikis, Kostas, 197
tstmob.com, 210
Turkey, 21, 24
Typewriters, 3, 6
TYVI (Information from Companies to Public Authorities), 52–53
Ufficio per le Relazioni con il Pubblico (URP), 257, 259
Ulbrich, Chris, 190
Unfunded Mandates Reform Act, 105
United Arab Emirates, 97
United Kingdom, 19, 44–45, 279–280, 289
United Nations, 71, 271
United States, 2, 19, 21, 287
  burden reduction and, 42–43
  cable television and, 289
  City of Des Moines case and, 59–61
  cross-agency and, 73–74
  FirstGov and, 30, 33–37
  Government Management Information Sciences (GMIS) and, 273
  Grants.gov and, 65, 81, 83–87
  lgov.org and, 274
  Metropolitan Information Exchange (MIX) and, 273
  multi-level integrated information structures (MIIS) and, 65
  NASCIO and, 273
  online politics and, 183–201
  online services and, 24
  Presidential Management Initiative and, 81
  rulemaking process of, 102–107
  user satisfaction and, 46–47
  voting rates in, 112–113
University of California, Berkeley, 33
University of Massachusetts, 274
urp.it, 257
usa.gov, 46
U.S. Congress, 105–106, 197
U.S. Constitution, 75, 105
User satisfaction, 45–47
U.S. Federal Internet Portal, 46
U.S. Office of Management and Budget (OMB), 103
information quality management (IQM) and, 254n6
legitimacy and, 109
multi-level integrated information structures (MIIS) and, 77, 84, 87
Office of Electronic Government and, 107
Office of Information and Regulatory Affairs and, 105
U.S. Post Office, 2
U.S. Small Business Paperwork Reduction Task Force, 42

Van de Walle, Steven, 54
Varian, Hall R., 64, 282
Vegh, Sandor, 208–211
Verba, Sidney, 198
Videotex, 289
Violent Criminal Apprehension Program (ViCAP), 281–283
Virginia, 216
von Braun, Wernher, 234n6
von Hippel, Eric, 191
Voting rates, 112–113

Waguespack, David, 191
Wallsten, Peter, 193
Wang, Richard Y., 243, 245
Warschauer, Mark, 185
Washington, DC, 117–118
Washington State, 270, 290
Wasserman, Stanley, 264–265
Watergate, 135
Watts, Duncan J., 266
Weare, Christopher, 111
Web Content Managers Group, 34
Weber, Max, 75–76, 220
Weber, Steven, 191
Weberian bureaucratic state, 6
Website Communication Model (WCM), 258
Wei, Kwok Kee, 2–3
Weibel, Peter, 151–152
Weick, Karl E., 263
Weinberg, Bruce, 188

Welch, Eric, 19
Welch, Ivo, 268
West, Darrell M., 2, 4, 9, 17–32, 64, 243
West, Joel, 191
West Nile Virus, 217
whirledbank.org, 209
White, Harrison, 151
Whitman, Christine, 165–166, 168
Whittington, Lauren, 197
Wildavsky, Aaron, 18
Wilhelm, Anthony, 187, 195
Wilkins, Peter, 78
Williams, Christine, 188
Williamson, Oliver E., 80
Wilson, James Q., 283
Windsor Star, The, 218
WNYC, 156
Wolf, Robert G., 191, 198
Wong, Wilson, 19
Wood, Lesley, 162
World Bank, 27, 208–211, 271
worldbunk.org, 209
World Economic Forum, 50, 209
World Trade Center (WTC), 145, 152, 162, 169. See also Lower Manhattan Community/Labor Coalition and, 166
reconstruction and, 146–147
transparency in redevelopment of, 146, 156–157
visitors to, 154
World Trade Organization (WTO), 186
Wu, Fang, 191
Wyld, David C., 222

Xerox machine, 6

Yoon, So-Hyan, 186

Zaheer, Akbar, 69
Zapatista movement, 186
Zavestocki, Stephen, 112, 115
Zeckhauser, Richard, 101, 104
Zeitner, Vicki, 187
Zephyr Teachout, 196
Zukin, Sharon, 156