Abchasia, 537
Academic Council on the United Nations System (ACUNS), 5
Accountability and transparency, 492
Accounting rate debate, GATS BTA, 207–211
ACLU (American Civil Liberties Union), 312, 316, 317–318, 353, 356, 359
ACLU v. Reno, 317
Afilias, 44
African Charter on Human and Peoples’ Rights (1981), 279, 482
African National Congress (ANC), 467, 471, 607
African Union, 494
AfriNIC, 44
Agenda 21, 537, 541, 553
Agreements. See Treaties and conventions
AIDS/HIV, 401, 402, 404, 419, 467, 497n17, 590
Aigrain, Phillipe, 421
Albania, 220n17, 247
Alcatel, 221n26
Alltel, 172
American Civil Liberties Union (ACLU), 312, 316, 317–318, 353, 356, 359
American Convention on Human Rights (1969), 279
Americans for Computer Privacy, 355
American Telegraph and Telephone Co. (AT&T), 13, 14, 18, 160, 161, 170, 172, 180n34, 476–477, 516
America Online (AOL), 510, 516, 601
Amnesty International, 544
ANC (African National Congress), 467, 471, 607
Ang, Peng Hwa, xi, 68, 305, 563, 589, 617
Annan, Kofi, 68–69, 539, 542, 545, 547, 562, 567
Antigua, 221n21, 314
Anti-Phishing Working Group, 60
Anti-Semtic expression on Internet, 313, 322
Anti-Spam Technical Alliance, 60
Anti-terrorism efforts. See Terrorism
AOL (America Online), 510, 516, 601
AOL-Time Warner, 516
Apartheid
as crime against humanity, 283, 284, 285 in South Africa, 467, 481, 482, 496n10, 600, 607
APC (Association for Progressive Communication), 592, 602, 608
APEC (Asia-Pacific Economic Cooperation), 59, 62–64, 72n46, 217
APNIC (Asian-Pacific Information Center), 44, 556
APRICOT (Asian Pacific Regional Internet Conference on Operational Technologies), 323
APSIRC (Asia Pacific Security Incident Response Coordination), 62
ARABSAT, 36
Argentina
2G digital services in, 163
3G wireless networks in, 167
GATS BTA, 221n26, 224n78
IDTBS, 289
intellectual property rights, 57
ARIN, 44
Aronson, Jonathan D., x, 32, 149, 611, 617
Asian-Pacific Information Center (APNIC), 556
Asian Pacific Regional Internet Conference on
Operational Technologies (APRICOT), 323
Asia-Pacific Economic Cooperation (APEC), 59, 62–64, 72n46, 217
Asia Pacific Security Incident Response
Coordination (APSRIC), 62
Aspen Institute, 588
Association for Progressive Communication (APC), 592, 602, 608
AT&T (American Telegraph and Telephone Co.), 13, 14, 18, 160, 161, 170, 172, 180n34, 476–477, 516
ATTAC, 544
Audiovisual sector, x
applicability to networked trade, 57
case studies
Canada, 247–251
Mexico, 247–249, 251–252
South Korea (see South Korea)
collective action problem in, 248, 249, 251
cultural diversity, international conventions on, 236, 259–264, 266, 267–268
current international trading regime, 242–247
disputes over, 234–236, 240–242
Doha Round negotiations, 255–258, 265–267
domestic support measures, 249, 260
fair competition, 267
FTAs, 242, 243, 248, 251–252, 258–259, 263
future of, 264–267
GATS and, 235, 241, 242, 245–247, 256, 257
GATT and, 240, 242, 244–245, 257
globalization and, 234, 259, 261, 264
global market, current state of, 237–240
liberalization of trade, efforts at, 234–235
MAI, 214–215, 241–242
as mechanism for governance of network
information, communication, and commerce, 52–55
MFN treatment, 235, 240, 241, 244, 245–246, 256–258, 267
NAFTA, 242, 243, 248, 251–252
NT in, 240, 241
recommendations for, 267–268
screen quotas, 233–234, 240, 242, 251–255, 259, 268
strategic industry argument for special
treatment of, 264–265
technical innovations affecting, 235–236
technical standardization, 268
UNESCO and, 236, 240, 259–264, 266, 267–268
Uruguay Round negotiations, 235, 244, 245, 256, 267
U.S. and (see United States)
Australia
audiovisual sector, 238, 247, 257, 258–259
Convention on the Protection and Promotion
of the Diversity of Cultural Expressions
(2005), 53
cybercrime and cybersecurity, 333, 352
e-commerce, 60
on GATS BTA, 212
Internet content regulation, 309, 310, 311, 312, 315, 320
ITU and, 104, 115
privacy rights and protections, 384, 396n35
propaganda, international convention regarding, 280
Austro-German Telegraph Union, 15

Baird, Zoe, 593
Balkin, Jack, 316
Bangalore, 598
Bangemann, Martin, 543
Bangladesh, 221n21
Barbados, 220n15, 314
Barbuda, 221n21
Barlow, John Perry, 308
Barners Lee, Tim, 542
Barroso, José Manuel, 572
Barshefsky, Charlene, 180n36, 220n12
Basic Telecommunications Agreement (BTA).
   See GATS Basic Telecommunications Agreement
Basque nationalism, 537
BBBOnLine, 58, 64, 381, 387–389
Beijing Women’s Summit (1995), 541
Belgium, 15, 283, 309
Bell South, 160, 167
Benkler, Yochai, 2–3
Bennett, Colin, 378, 384
Berlin, Treaty of (1906), 15, 540
Berne Convention for the Protection of Literary and Artistic Works (1886), 55, 406
Bertelsmann (company), 240
Bertelsmann Foundation, 312, 316
Bessete, Randi, 585
BITNET, 19
Block allocations of spectrum and orbital slots, 134–135
Brazil
   2G digital services in, 164
   3G wireless networks in, 167
   audiovisual sector, 256–257, 259
   FDI in, 206
   GATS BTA, 195, 221n26
   IBM in, 598
   IDTBS, 287
   intellectual property rights, 57, 408, 413
   ITU and, 104, 115
   Louder Voices report, 432, 437, 438, 460n10
   policy positions of, 591
   propaganda, international convention regarding, 280
   Quad model of ICT governance, 608
   Britain. See United Kingdom
   British Telecom, 170
   Broadcasting, international trade in. See Audiovisual sector
   Brunei Darussalam, 221n21
   BT, 240, 517
   BTA (Basic Telecommunications Agreement).
      See GATS Basic Telecommunications Agreement
   Burkert, Herbert, 316
   Bush (1) administration, 162
   Bush (2) administration, 572
   Cable & Wireless (company), 14, 221n26
   Canada
      2G digital services in, 162, 164
      3G wireless networks in, 167
      ARIN, 44
      audiovisual sector, 238, 241–242, 247–251, 257, 258, 259
      CoE and, 342, 379
      cultural perspective vs. trade perspective in Uruguay Round negotiations, 235
cybercrime and cybersecurity, 63, 352, 358
   GATS BTA, 221n24
   historical development of global ICT governance in, 13, 20, 50, 53, 63
   IDTBS, 288, 289
   Internet access in, 470
   Internet content regulation, 307–308
   ITU and, 26, 104, 115
   nationalism in, 537
   privacy rights and protections, 390
   U.S.-Canada FTA, 242, 251
   WTO and GATS BTA, 53
   CAN-SPAM Act (U.S.), 315
   Capacity building
      importance to developing countries, 492–493
      intellectual property rights, WIPO assistance with, 411–414
      NGO resources, capacity of developing countries to make use of, 485–486, 493
Cardoso, Fernando Enrique, 545
Caribbean, 14, 44, 421. See also specific countries
Carlsbad Treaty (1819), 49, 540
Carnivore surveillance system (FBI), 352, 358, 389
Carriage. See Infrastructure
Castells, Manuel, 1
Cause and effect relationships
ICT scholars providing, 604–605
problems discerning, 599–600
ccTLDs (country code top-level domain names), 44–45, 47, 437, 460n10, 512–514, 515, 516, 520, 531n13, 572–573
Cdma2000 1X, 167, 171
CDMA (Code Division Multiplexing Access), 161–168, 175, 176
CDT (Center for Democracy and Technology), 312, 316, 317, 353, 356, 359, 360
Cell-C, 500n64
Cellnet, 179n24
Censorship. See Free speech and content regulation
Center for Democracy and Technology (CDT), 312, 316, 317, 353, 356, 359, 360
Center for Internet Security, 62
Central African Republic, 247
CEPT (European Conference of Postal and Telecommunications Administrations), 72n46, 158
Cerf, Vint, 538
CERTs (Computer Emergency Response Teams), 62
Charter of the Free Press (1942), 277
Chechnya, 537
Children, protection of
Internet content regulation, 308–309, 311, 312, 313, 315, 318, 319, 322
mass media content governance, 285–286
Children Online Privacy Protection Act of 2000 (U.S.), 311
Chile
audiovisual sector, 258
GATS BTA, 220n20, 221n26, 224n78
ITU and, 115
2G digital services in, 163
China. See also Hong Kong
3G wireless networks in, 171, 181n40, 182n55
audiovisual sector, 246, 257
cybercrime and cybersecurity, 333
FDI from, 206
GATS BTA, 220n17, 221n26
ICANN, 528
intellectual property rights, 412
Internet content regulation, 305–307, 321
ITU and, 104
nationalism in, 537
policy positions of, 591
Quad model of ICT governance, 608
at WSIS, 557, 561, 572–573, 593
Choi, Byung-il, x, 38, 52, 233, 617
CICPI (Fédération Internationale des Conseils en Propriété Industrielle), 516
CIGREF (Club Informatique des Grandes Entreprises Françaises), 528
Cingular, 172
Civil society organizations (CSOs)
cybercrime and cybersecurity
discourse, access to, 353–358, 367–368
interests regarding, 559
G8 policies, protests of, 544, 593
historical evolution of participation in ICT
treaties and conventions, 541–546
ICANN, participation in, 529–531
intellectual property rights, interest in, 55, 57
Seattle Ministerial Conference (1999), protests at, 255, 474, 544
WSIS, participation in, xii, 535–582
constructive dialogue between governments and nongovernmental actors, limits on, 557–560
content and themes, contributions to, 551–557
DSF, 559, 563, 566–567
Geneva summit meeting, documents coming from, 560–562
GFC, 563–564
globalization and national sovereignty, 535–539
historical events leading to, 539–546
main interests and positions of CSOs, 558–559
multistakeholderism (see Multistakeholderism)
new governance model, creation of, 575–576, 577–578
organizational framework for CSO participants, 551–555
organizational framework for summit, 547–548
procedural conflicts, 548–551
recommendations regarding, 576–577
regional ministerial meetings, 551
risk factors of, 578–579
Tunis Commitment and Agenda for the Information Society, 564–565
Tunis Internet governance deal, 570–575
WGIG, 562, 563, 567–570
Clarke, Alain, 553
Clinton administration, 24, 162, 167, 308, 510, 542, 588–589, 593
Club Informatique des Grandes Entreprises Françaises (CIGREF), 528
Cluster approach to GATS BTA, 212
Codding, George, 26
Code Division Multiplexing Access (CDMA), 161–168, 175, 176
CoE. See Council of Europe
Cogburn, Derrick, 607
Cohen, Jay, 313–315
Cohen, Tracy, xii, 29, 38, 463, 600, 607, 618
Collective action by nondominant actors, viii in audiovisual sector, 248, 249, 251
control by dominant actors vs., 8, 9
definition of global ICT governance and, 6, 586
in framework for global ICT governance, 6, 8, 71n25
in South Africa, 494
stakeholder preferences in, 587
Colombia, 175, 182n62, 220n20, 259
Commerce, electronic. See Electronic commerce
Commerce Department, U.S., and ICANN, 25, 463, 511, 514, 516, 530, 543
Commonwealth Telecommunications Organisation (CTO), 432
Communication, right of, 296–298, 540, 558
Communication Rights in the Information Society (CRIS) campaign, 298, 299–300, 558
Communications Decency Act (U.S.), 306, 307, 317
Communications Satellite Organization (Comsat), 16, 36
Competitive bidding on frequency spectrum and orbital slots, 135–137
CompuServe, 19, 309, 317
Computer Emergency Response Teams (CERTs), 62
Computer Professionals for Social Responsibility (CPSR), 592, 597
Comsat (Communications Satellite Organization), 16, 36
Conceptual framework, ICT scholars providing, 604
Conference on Freedom of Information (UN, 1948), 281
Consumer fraud on the Internet, 309, 312, 322
Content. See Networked information, communication, and commerce, global governance of
Content labeling, Internet, 311–312, 316–319
Content management for intellectual property rights, 417–419
Content regulation. See Free speech and content regulation
Contextual framework, ICT scholars providing, 603–604
Convention for the Protection of Human Rights and Fundamental Freedoms (CoE, 1950), 279, 313
Convention for the Protection of Individuals with regard to automatic Processing of Personal Data (CoE, 1981), 379, 380, 382
Convention for Safeguarding of Intangible Cultural Heritage (UNESCO, 2003), 260–261  
Convention on Cybercrime (CoE, 2004), 322, 342–349  
access to discourse, 353–358, 359–360  
drafting process, 342  
framework of global ICT governance and, 25, 51, 60, 63  
on international cooperation, 347–348  
mutual legal assistance regime, 362–363  
preservation of traffic data, 344  
privacy rights and, 382, 386, 390  
on procedural law, 343–344  
production orders, 344–345  
real-time collection of data, 345–347  
search and seizure of data, 345  
terrorism and, 342  
Convention on the International Right of Correction (UN, 1952), 281  
Convention on the Rights of the Child (UN, 1989), 286–287  
Convention on the Use of Electronic Communications in International Contracts (UN, 2005), 58  
Conventions generally. See Treaties and conventions  
Copyright Directive (EU, 2001), 56  
Copyrights, 403. See also Intellectual property rights  
Copyright Treaty (WIPO, 1996), 56, 410–411  
Corporations  
competitive advantages of, 204  
disproportionate influence of, 483, 586, 588, 600  
in globalized economy, 535  
historical evolution of participation in ICT treaties and conventions, 539–546  
ICANN, private control of, 510, 543  
ITU and, 30, 34  
liberalization of trade and services, pressure for, 187  
market powers, governance via, 597–599  
power of, as driving force in global ICT governance issues, 2  
public-private partnerships, 7–8, 388, 393, 537, 543–544, 566, 572, 598, 609, 610  
self-governance by (see Self-governance arrangements)  
in TDF debate, 379  
Costa Rica, 63, 598  
Côte d’Ivoire, 220n20  
Couchepin, Pierre, 559–560  
Council of Europe (CoE)  
Convention for the Protection of Human Rights and Fundamental Freedoms (1950), 279, 313  
Convention for the Protection of Individuals with regard to Automatic Processing of Personal Data (1981), 379, 380, 382  
free speech and content regulation, 51  
privacy rights and protections, 379, 380, 382  
Country code top-level domain names (ccTLDs), 44–45, 47, 437, 460n10, 512–514, 515, 516, 520, 531n13, 572–573  
Cowhey, Peter, x, 32, 149, 589, 611, 618  
CPSR (Computer Professionals for Social Responsibility), 592, 597  
Crawford, Susan, 71n25  
Crimes against humanity, 284–285  
Criminal activities. See Cybercrime and cybersecurity  
CRIS (Communication Rights in the Information Society) campaign, 298, 299–300, 558  
Croatia, 220n17  
Cryptography, 63, 331, 358
Cryptography Policy Guidelines (OECD), 335, 351
CSOs. See Civil society organizations
CTO (Commonwealth Telecommunications Organisation), 432
CTSD (United Nations Commission on Science and Technology for Development), 565
Cuba, 321
Cultural diversity
INCD, 261, 263
international conventions on, 53, 236, 259–264, 266, 267–268
Universal Declaration on Cultural Diversity (UNESCO, 2001), 53, 260
Cultural heritage convention (UNESCO, 2003), 260–261
Cultural issues for ICANN participation by ROW countries, 518–519, 528
Cultural/national offenses, Internet content regulation of, 313–315, 320, 322
Cultural Policy, International Network on (INCP), 261
Cultural sector
definition of cultural industries, 269n1
film, television, and music, international trade in (see Audiovisual sector)
political connections of, 234
trade and culture, friction in interface between, 233–236
Cybercrime and cybersecurity, xi, 331–373
CSOs
access to discourse, 353–358, 367–368
interests regarding, 559
Data Protection Directive (EU), 333, 357
discourse on, 353–368
access to, 353–358, 359–360, 367–368
balance of privacy and security, 365
international cooperation, 358–359
recommendations regarding, 365–368
responsibilities of international institutions regarding, 366
G8 on, 61–63, 332, 335–342
access to discourse, 353–354, 357, 359–360
conclusions and recommendations, 341–342
industry meetings, 337–338, 353, 358
preservation of traffic data, 338–339
principles developed by, 335–337
terrorism, 341
traffic data retention, 339–341
globalization, 357
guidance and policy libraries, value of, 366
international cooperation, 347–348, 358–359, 362–364
internationalizing attention to, 366
Internet content (see Internet content regulation)
lawful access powers, 343, 349, 360–362
liberal interpretation of instruments, 366
as mechanism for content governance, 60–63
mutual legal assistance, 362–364, 366–367
national legislation aimed at, 333, 358
national sovereignty issues, 332
NGO access to discourse, 356, 359–360, 367–368
OECD Cryptography Policy Guidelines, 335, 351
preservation of traffic data, 338–339, 344, 349–350
problems of national/international regulation of, 331–334
real-time collection of data, 345–347, 352–353
retention of traffic data, 339–341, 349–350, 382
search and seizure of data, 345, 350–351
terrorism (see Terrorism)
Cyberspace Independence Declaration, 308
Cyprus, 220n19, 413
Daley, William, 180n36
Dalzell, Stewart, 306
D’Arcy, Jean, 296
participation in multilateral agency processes, outcomes from, 464, 480–481, 488–490
Doha Round negotiations
audiovisual sector, 255–258, 265–267
content mechanisms for global governance, 53, 54, 55
GATS liberalization initiative, 188–189, 215
infrastructure mechanisms for global governance, 41, 43
DoJ (Department of Justice), U.S., 354, 356, 360, 363–364
Dolowitz, David P., 482
Domain names
ICANN (see Internet Corporation for Assigned Names and Numbers)
registries, 532n20
TLDs (see Top-level domain names)
trademarks, interaction with, 418–419
UDRP, 44, 418, 523–526
Dominant vs. nondominant actors, xi, xii, 583–615. See also Civil society organizations; Developing countries; Nongovernmental actors; Nongovernmental organizations; Rest of the world (ROW) countries and organizations
at agenda and action levels, 587
collective action (see Collective action by nondominant actors)
in concept of global governance, 8, 9
cybercrime and cybersecurity discourse, access to, 353–358
definition of nondominant actors, 586
efficiency and effectiveness of current governance mechanisms, 593–599, 610
epistemological questions pertinent to, 584–585, 610
on globalization, 588, 590, 596, 606
historical ideational control by dominant actors, 14
ICANN
dominant actors in, 516–517
ROW countries and (see Internet Corporation for Assigned Names and Numbers)
impact of current governance arrangements on nondominant actors, 599–601, 610
importance of addressing nondominant actors, vii–ix, xii–xiii
on liberalization of trade, 590–591
Louder Voices from perspective of nondominant actors (see Louder Voices report)
market powers, 597–599
minilateral organizations, 593–594, 595–596
multilateral organizations, 593, 594–595
policy differences, 590–591
priorities of dominant actors, 587–589
of ROW countries and organizations, 589–590
privacy rights and protections
developed vs. developing countries on international regulation of, 384–386
dominant actors’ stress on, 590
Quad model of ICT governance, 607–610
recommendations regarding, 611–613
scholars and researchers, practical assistance provided by, 601–607
self-determination, right of (NIIO and NWICO), 291–296
self-governance arrangements, 594, 596–597
South African case study (see South Africa)
U.S. dominance of satellite systems and services, 16, 35–38
Washington consensus separate from priorities of nondominant actors, 487, 586–591, 610
WSIS
clash of interests at, 591–593
nondominant actors not addressed by, viii–ix, 430, 431
participation of CSOs (see Civil society organizations)
Dominica, 220n15, 221n21
Dominican Republic, 220n19, 222n38, 247, 413
Donor agencies, 455–456
Electronic Commerce and Transactions (ECT) Act of 2002 (South Africa), 471–472
Electronic Communications Act of 2006 (South Africa), 468, 472
Electronic Frontier Foundation, 356
Electronic networks, global governance of. See Global governance of electronic networks
Electronic Privacy Information Center, 356
El Salvador, 220n20, 222n38, 247
Emergency safeguard measures under GATS BTA, 202–203, 216
EMI, 275
End Child Prostitution, Child Pornography and Trafficking of Children for Sexual Purposes (ECPAT), 319
England. See United Kingdom
EPO (European Patent Office), 412–413
E-Policy Resource Network (e-PolNET), 448
Ericsson, 180n33, 221n26
Estonia, 220n15
Ethnic cleansing, 284–285
ETNO (European Telecommunications Networks Operators), 355–356
ETSI (European Telecommunications Standards Institute), 62, 158, 166, 568
EU. See European Union
European Broadcasting Union (EBU), 17
European Conference of Postal and Telecommunications Administrations (CEPT), 72n46, 158
European Convention for the Protection of Human Rights and Fundamental Freedoms (1950), 279
European Convention on Human Rights (ECHR), 347, 356, 357
European Court of Human Rights, 301
European Network and Information Security Agency, 62
European Patent Office (EPO), 412–413
European Telecommunications Networks Operators (ETNO), 355–356
European Telecommunications Satellite Organization (EUTELSTAT), 36, 38, 132

EBU (European Broadcasting Union), 17
EC (European Community). See European Union
ECHELON, 62
ECHR (European Convention on Human Rights), 347, 356, 357
E-commerce. See Electronic commerce
ECOSOC (United Nations Economic and Social Council), 91, 541–542, 545–546, 549, 565
ECPAT (End Child Prostitution, Child Pornography and Trafficking of Children for Sexual Purposes), 319
ECT (Electronic Commerce and Transactions) Act of 2002 (South Africa), 471–472
Egypt, 220n15, 486
Electronic commerce
GATS BTA and, 216–217
as governance mechanism, 57–60
Internet as global marketplace, 57–60, 531n4
WTO bodies dealing with, 225n89

Downstream applications of ICT, 606
Draft Declaration on the Rights of Indigenous Peoples (UN), 285
Dresden, Treaty of (1850), 15, 540
DRM (digital rights management), 417–418
Drug smuggling and Internet content regulation, 309
DSF (Digital Solidarity Fund), WSIS, 559, 563, 566–567
DVDs (digital video/versatile discs), 235
Dynamic regularities of ICT, scholars providing information about, 605–606
Dyson, Esther, 311
Dzidonu, Clement, 491

Earth Summit (Rio de Janeiro, 1992), 537, 541
EEC (European Economic Community). See European Union
EPO (European Patent Office), 412–413
E-Policy Resource Network (e-PolNET), 448
Ericsson, 180n33, 221n26
Estonia, 220n15
Ethnic cleansing, 284–285
ETNO (European Telecommunications Networks Operators), 355–356
ETSI (European Telecommunications Standards Institute), 62, 158, 166, 568
EU. See European Union
European Broadcasting Union (EBU), 17
European Conference of Postal and Telecommunications Administrations (CEPT), 72n46, 158
European Convention for the Protection of Human Rights and Fundamental Freedoms (1950), 279
European Convention on Human Rights (ECHR), 347, 356, 357
European Court of Human Rights, 301
European Network and Information Security Agency, 62
European Patent Office (EPO), 412–413
European Telecommunications Networks Operators (ETNO), 355–356
European Telecommunications Satellite Organization (EUTELSTAT), 36, 38, 132

Drake, William, ix, 1, 69, 563, 618
Dresden, Treaty of (1850), 15, 540
DRM (digital rights management), 417–418
Drug smuggling and Internet content regulation, 309
DSF (Digital Solidarity Fund), WSIS, 559, 563, 566–567
DVDs (digital video/versatile discs), 235
Dynamic regularities of ICT, scholars providing information about, 605–606
Dyson, Esther, 311
Dzidonu, Clement, 491

Earth Summit (Rio de Janeiro, 1992), 537, 541
EEC (European Economic Community). See European Union
EPO (European Patent Office), 412–413
E-Policy Resource Network (e-PolNET), 448
Ericsson, 180n33, 221n26
Estonia, 220n15
Ethnic cleansing, 284–285
ETNO (European Telecommunications Networks Operators), 355–356
ETSI (European Telecommunications Standards Institute), 62, 158, 166, 568
EU. See European Union
European Broadcasting Union (EBU), 17
European Conference of Postal and Telecommunications Administrations (CEPT), 72n46, 158
European Convention for the Protection of Human Rights and Fundamental Freedoms (1950), 279
European Convention on Human Rights (ECHR), 347, 356, 357
European Court of Human Rights, 301
European Network and Information Security Agency, 62
European Patent Office (EPO), 412–413
European Telecommunications Networks Operators (ETNO), 355–356
European Telecommunications Satellite Organization (EUTELSTAT), 36, 38, 132
Index

European Telecommunications Standards Institute (ETSI), 62, 158, 166, 568
European Union (EU)
2G digital services in, 158–160
3G wireless networks in, 166, 169–170, 173
cultural perspective vs. trade perspective in Uruguay Round negotiations, 235
cybercrime and cybersecurity, 62, 63, 333, 350, 352, 357, 358
e-commerce, 58, 59, 60
film industry in, 238–239
GATS BTA, 220n20
on GATS BTA, 212
GII Initiative leadership, differences with U.S. regarding, 542–543
historical development of global ICT governance in, 21, 29
on ICANN, 46, 516
intellectual property rights, 57, 408
on international trade in ICT goods, 43
Internet access in, 470
Internet content regulation, 311, 313, 315, 316, 319, 322–323
ISAD Conference (1996), 91
ITU and, 103, 105, 109
privacy rights and protections, 64, 375–381, 383–394
realism, as model of, 493
regional/nonuniversal institutions, role of, 72n46
self-determination, right of (NIIO and NWICO), 296
spectrum and orbital slot management, 136
at WSIS, 550, 572–573
WTO and GATS BTA, 41
Europe, Council of. See Council of Europe
Europe, Internet Content Rating for (INCORE), 316
EUTELSTAT (European Telecommunications Satellite Organization), 36, 38, 132
Extradition, 363–364
Fair competition
audiovisual sector, 267
GATS BTA concerns regarding, 203–204
Fair use of intellectual property, 403–404
FAO (Food and Agricultural Organization), 565
Farrell, Henry, xi, 375, 584, 589, 591, 618–619
FCC. See Federal Communications Commission
FDI (foreign direct investment), 38, 41, 159, 179n24, 189, 194, 205–207, 215, 250, 416, 481
Federal Bureau of Investigation (FBI), U.S., 313, 352, 363, 389
Federal Communications Commission (FCC), U.S.
on accounting rate debate, 209–210, 223n64, 224n71
foreign investment in wireless carrier, limitations on, 179n24
historical development of global ICT governance and, 13, 18, 29, 72n46
ITU and, 96
spectrum and orbital slot management, 135, 136, 141, 144n37
Washington consensus separate from priorities of nondominant actors, 586
Federal Trade Commission (FTC), U.S., 311, 381
Fédération Internationale des Conseils en Propriété Industrielle (FICPI), 516
Fifth Amendment (U.S. Constitution), 364
Film, international trade in. See Audiovisual sector
Finland, 13
First Amendment (U.S. Constitution), 313, 355.
See also free speech and content regulation
FIRST (Forum of Incident Response Teams), 62
Food and Agricultural Organization (FAO), 565
Foreign direct investment (FDI), 38, 41, 159, 179n24, 189, 194, 205–207, 215, 250, 416, 481
Forum of Incident Response Teams (FIRST), 62
Fourth generation (4G) wireless technology, 174–175
Frames, contextual, ICT scholars providing, 603–604
France
3G wireless networks in, 160, 170, 173, 181n48, 182n57
audiovisual sector, 238, 239, 241, 249, 259
CIGREF, 528
cultural perspective vs. trade perspective in
  Uruguay Round negotiations, 235
cybercrime and cybersecurity, 333
film industry in, 239
historical development of global ICT governance in, 15, 41, 50, 53
IDTBS, 288
influence and ICT prowess, 612
international trade in ICT goods, 41
Internet content regulation, 307, 308, 314–315, 322
ITU and, 103
NGO representation, 486
privacy rights and protections, 380
propaganda, international convention regarding, 280
WTO and GATS BTA, 53
Zionism as form of racism, UN resolution regarding, 283
France Telecom, 160, 170, 182n57
France v. Yahoo!, 314–315, 333
Fraud, consumer, on the Internet, 309, 312, 322
Freedom of choice in ICT, 606–607
Free speech and content regulation arguments about free speech, 276
First Amendment (U.S. Constitution), 313, 355
hate speech, 299, 313, 355, 358
historical development of, 16–17, 47–52
Internet (see Internet content regulation)
  mass media (see Mass media content governance)
  mechanisms for governance of, 47–52
  national sovereignty argument for content regulation, 276, 286–296
  direct satellite broadcasting, 286–291
  self-determination, right of (NIIO and NWICO), 291–296
responsible speech (see Responsible speech argument)
  right to communicate, 296–298
  self-determination, right of (NIIO and NWICO), 291–296
WSIS, 51, 297–298, 301
Free trade agreements (FTAs)
  in audiovisual sector, 242, 243, 248, 251–252, 258–259, 263
  Australia-U.S., 258–259
  Canada-U.S., 242, 251
  Chile-U.S., 258
  Korea-U.S., 268
  NAFTA, 224n75, 242, 243, 248, 251–252
  Singapore-U.S., 258
Frieden, Rob, x, 35, 127, 589, 605, 619
FTAs. See Free trade agreements
FTC (Federal Trade Commission), U.S., 311, 381
Fujitsu, 601
G7 (Group of 7), 91, 332, 335–336, 542–545, 561
G8. See Group of 8
G77 (Group of 77), 550, 561
Gambia, 247
Gambling and Internet content regulation, 313–315, 320
Gamham, Nicholas, 269n1
Gana, Ruth, 418
GATS. See General Agreement on Trade in Services
GATS Basic Telecommunications Agreement (BTA), x, 187–230
accounting rate debate, 207–211
applicability to networked trade, 57
cluster approach, 212
contents of, 192
developed vs. developing countries, power
dynamics and conflicting priorities of, 189,
195
development-friendly aspects, preserving, 215
e-commerce, 216–217
empowerment possibilities of, 211–215
fair competition issues, 203–204
FDI, unequal distribution of, 205–207
flexibility of framework, 211–212
globalization and, 188–189
ITU affected by, 28, 39–40
LDCs, 198–199, 207
liberalization commitments under, 192, 193–
195, 218
loopholes and unfinished business, 202, 216–
217
as mechanism for global governance of infra-
structure, 38–41
MFN treatment under, 38, 53, 191–192, 195–
197, 208, 214
national regulatory autonomy, concerns over,
199–202
negotiating history, tensions in, 195
NT under, 191, 192, 194, 195, 198, 200, 201,
211, 213, 214, 215, 218
origins of, 191–192
participants in, 220n13
performance requirements, 213–215
precommitment mechanism, 212–213
preferential access to developed markets by
developing countries, 216
recommendations regarding, 215–218
Reference Paper, 199–202, 217–218
safeguard measures, 202–203, 216
satellite systems and services, 38
specific needs of developing countries,
addressing, 188
specific rules for developing countries, 197–
199
technological updates for, 216–217
United States and, 196, 197, 198, 201, 202,
208, 209, 211, 212, 220n12, 220n20,
224n71
wider market and corporate dynamics shaping
regime, 189, 205–211
GBDe (Global Business Dialogue on Electronic
Commerce), 58, 62, 64, 392, 543, 597
General Agreement on Tariffs and Trade
(GATT)
Agreement on Government Procurement, 42
applicability to networked trade, 57
audiovisual sector, 240, 242, 244–245, 257
developing countries, treatment of, 197
international trade in audiovisual sector, 54
international trade in ICT goods, 42, 43
NT obligations, 224n80, 240
organization, 19–20, 22
proposal to extend to services, 187–188, 235
Uruguay Round (see Uruguay Round
negotiations)
General Agreement on Trade in Services
(GATS), 38–39, 189–191
audiovisual sector, 235, 241, 242, 245–247,
256, 257
BTA (see GATS Basic Telecommunications
Agreement)
creation of, 22–23
Doha Round liberalization initiative, 188–
189, 215
international trade in ICT goods, 42, 43
ITU affected by, 28
liberalization initiative, 188
preamble, 188
privacy rights and protections, 396n35
South Africa’s commitments under, 474–478,
489
unequal results from open market policies
under, 464, 487
General Convention to Improve the Means of Preventing War (League of Nations), 282
Generic top-level domain names (gTLDs), 44, 45–47, 514, 515, 520, 524, 525, 528
Geneva Convention on Radio Broadcasting (1906), 540
Geneva phase of WSIS. See World Summit on Information and Society
Genocide, 284–285
Georgia (country), 247, 413
Geostationary orbit (GSO) management. See Spectrum and orbital slot management
Germany
3G wireless networks in, 181n48
audiovisual market in, 238
cctLD registry, 513
free speech and content regulation, 49
international trade in ICT goods, 41
Internet content regulation, 322
ITU and, 103, 115
privacy rights and protections, 380
propaganda, use of, 280
Zionism as form of racism, UN resolution regarding, 283
GFC (Group of Friends of the Chair), WSIS, 563–564
GGEN. See Global governance of electronic networks
Ghana, 221n22, 413, 608
Gibraltar, 134
GII (Global Information Infrastructure) Initiative, 91, 542–544
GILC (Global Internet Liberty Campaign), 356
Gillwald, Alison, xii, 29, 38, 463, 600, 607, 619
Ginsburg, Jane, 422
Global Business Dialogue on Electronic Commerce (GBDe), 62, 64, 392, 543, 597
Global governance of electronic networks (GGEN), vii–xiii, 1–79
binary distinction between content and infrastructure, 10–11
content (see Networked information, communication, and commerce, governance of)
dominant actors, perspective of (see Dominant vs. nondominant actors)
efficiency and effectiveness of current governance mechanisms, 593–599, 610
epistemological questions pertinent to, 584–585, 610
globalization and (see Globalization)
historical development (see Historical evolution of global ICT governance)
holistic analysis, value of, 64–70
importance of, 1–4
infrastructure (see Infrastructure)
market powers, 597–599
minilateral organizations, 593–594, 595–596
multilateral organizations, 593, 594–595
nature and definition of, 4–11, 585–586
nondominant actors, perspective of (see Dominant vs. nondominant actors)
process, emphasis on, 8, 9–10
Quad model for, 607–610
scholarly study of, 610
intellectual and technical difficulties, 583–584
practical assistance provided by, 601–607
sectoral governance other than ICT and, 609–610
self-governance (see Self-governance arrangements)
social actors vs. social institutions and rule systems, 7–10
SSRC project, xv, 368, 601–602, 611
as structure-agency issue, 606
Global Information Infrastructure (GII) Initiative, 91, 542–544
Global Internet Liberty Campaign (GILC), 356
Globalization
audiovisual sector and, 234, 259, 261
cybercrime and cybersecurity, 357
Index

dominant vs. nondominant actors on, 588, 590, 596, 606
framework of global ICT governance and, 2, 4, 21–22, 25, 28, 43, 52–53, 56, 65
GATS BTA and, 188–189
intellectual property rights and, 402, 405, 407–411
mass media content governance and, 275
multistakeholderism resulting from, 535–536
national sovereignty and, 535–539
in South Africa, 386, 485, 491
unequal results for developed vs. developing countries from, 464, 487
Global Mobile Personal Communications by Satellite (GMPCS) systems, 437, 488
Global spectrum management. See Spectrum and orbital slot management
Global Standards Collaboration, 93
Global System for Mobile Communications (GSM), 154, 158–159, 164, 166–168, 169, 171, 172
Global Telecommunications Organization (GTO) (proposed organization), 122
Glocalization, 535
GMPCS (Global Mobile Personal Communications by Satellite) systems, 437, 488
Goldstone, David, 364
Google, 64
Gore, Al, 91, 542, 588–589, 593
Gourevitch, Peter, 376
Governance of electronic networks. See Global governance of electronic networks
Great Britain. See United Kingdom
Great Exhibition, London (1851), 406
Greenpeace, 544
Green room negotiations, WTO, 484, 501n82
Grenada, 221n21
Group of 7 (G7), 91, 332, 335–336, 542–545, 561
Group of 8 (G8)
CSO protests against policies of, 544, 593
on cybercrime and cybersecurity (see Cybercrime and cybersecurity)
day-to-day operations, role of decisions in, 536
in Louder Voices report, 429, 430, 449, 456
ondominant actors vs. (see Dominant vs. nondominant actors)
Okinawa Charter on the Information Society, 430
Group of 77 (G77), 550, 561
Group of Friends of the Chair (GFC), WSIS, 563–564
Growth Employment and Redistribution policy (GEAR), South Africa, 482
GSM (Global System for Mobile Communications), 154, 158–159, 164, 166–168, 169, 171, 172
GSO (geostationary orbit) management. See Spectrum and orbital slot management
GTLDs (generic top-level domain names), 44, 45–47, 514, 515, 520, 524, 525, 528
GTO (Global Telecommunications Organization) (proposed organization), 122
Guatemala, 220n15
Guermazi, Boutheina, x, 38, 187, 464, 473, 589, 619
Gutnick v Dow Jones, 315
Hague Conference on Private International Law, 58–59
Hamelink, Cees J., x–xi, 47, 275, 549–550, 589, 620
Hate speech, 299, 313, 355, 358
Haufler, Virginia, 585, 598
Headrick, David, 14
Hegel, Georg Wilhelm Friedrich, 580
Historical evolution of global ICT governance, 11–26
first NWO, mid-19th century through early 1980s (governmental control), 12–19
cybercrime and cybersecurity, 61
free speech and content regulation, 47–50
international trade in ICT goods, 41–42
Historical evolution of global ICT governance
(cont.)
ITU, 2, 15, 26–28, 87
satellites, 36–37
spectrum management, 32–34
technical standardization, 30–31
second NWO, early 1980s through 1995
(market liberalization and privatization), 19–23
cybercrime and cybersecurity, 61
free speech and content regulation, 49–51
international trade in ICT goods, 42
ITU, 20, 28, 87–91
public to private authority, shift between, 597–598
satellites, 37
spectrum management, 34
technical standardization, 31–32
trade liberalization, impetus towards, 234–235
third NWO, 1996 to present day (Internet as
driving force), 23–26
cybercrime and cybersecurity, 61–63
electronic commerce, 57
free speech and content regulation, 51–52
intellectual property rights, 55–57
international trade in ICT goods, 43–44
ITU, 28–30, 91–92
satellites, 37–38
spectrum management, 35
technical standardization, 32
commercial challenges to monopolistic
system, 17–19
content management, 16–17
etymology of “global governance,” 4–5
free speech and content regulation, 16–17, 47–52
GATT, GATS, and WTO, 22–23
GSO, 15, 33, 34
ICANN, 25–26
intellectual property rights, 55–57, 406–411
Internet content regulation, 306–309
ITU
as International Telecommunication Union
(see International Telecommunication
Union)
as International Telegraph Union, 2, 15, 83–84, 87
national sovereignty, concept of, 12, 19, 25, 32–33, 47, 49
“new information economy,” 24
nongovernmental actors, participation of, 541–546
NWOs, concept of, ix, 12
privacy rights and protections, 377–382
PTOs, 21–22, 24–25
PTTs, 12–14, 20–21, 24
radio broadcasting, 13, 17, 48, 540
responsible speech argument, 276–280
satellites, international regimes for, 16, 35–38
self-governance arrangements, 25–26
spectrum management, 15–16, 32–35
TDF debate, 22–23, 50, 55, 61, 63–64, 73n57
telecommunications networks and services,
 multinational regime for, 15
television broadcasting, 48
WSIS, historical events leading to, 539–546
HIV/AIDS, 401, 402, 404, 419, 467, 497n17, 590
Holistic analysis of global ICT governance,
value of, 64–70
Honduras, 53, 222n38
Hong Kong
2G digital services in, 163
3G wireless networks in, 171
audiovisual sector, 238, 246, 247
GATS BTA, 220n20
historical development of global ICT
governance in, 14
Internet access in, 470
Hosein, Ian, xi, 63, 331, 382, 589, 591, 607, 609, 619–620
Hotmail, 361
Hudson, Heather, 73n51
Human rights
American Convention on Human Rights (1969), 279
communication, right of, 296–298, 540, 558
Convention for the Protection of Human Rights and Fundamental Freedoms (CoE, 1950), 279, 313
crimes against humanity, 284–285
CSO interests regarding, 558
ECHR, 347, 356, 357
European Convention for the Protection of Human Rights and Fundamental Freedoms (1950), 279
European Court of Human Rights, 301
indigenous peoples, rights of, 68, 263, 284–286, 553, 554, 555
privacy (see Privacy rights and protections)
racial discrimination, 282–285 (see also Apartheid)
self-determination, right of (NIIO and NWICO), 291–296
UDHR (see Universal Declaration of Human Rights)
UN Human Rights Summit (Vienna, 1993), 541
Hungary, 221n24, 608
Hutchinson (company), 170
IAMCR (International Association for Media and Communication Research), 549–550
IANA (Internet Assigned Numbers Authority), 44
IBU (International Broadcast Union), 17, 48–49
ICANN. See Internet Corporation for Assigned Names and Numbers
ICC (International Chamber of Commerce), 20, 58–60, 62, 64, 285, 528, 597, 600, 608
ICC (International Criminal Court), 285
ICD (Information and Communications for Development), 430–432, 453–460
Iceland, 220n20
ICPEN (International Consumer Protection and Enforcement Network), 58
ICRA (Internet Content Rating Association), 312, 316–319
ICT (information and communications technology), global governance of. See Global governance of electronic networks
ICT4D (Information and Communications Technology for Development), 430–432, 453–460
ICT Task Force, UN, 92, 116, 430–432, 449–450, 545–546. See also Louder Voices report
IDRC (International Development Research Centre), 608
IDTBS (International Direct IV Broadcasting by Satellite), 286–291
IEC (International Electrotechnical Commission), 31
IETF (Internet Engineering Task Force), 32, 62, 435, 516, 568
IFJAF (International Federation of Journalists of Allied or Free Countries), 277
IFRB (International Frequency Registration Board), 15
IGF (Internet Governance Forum), 69, 323, 571, 574
INCD (International Network for Cultural Diversity), 261, 263
INCORE (Internet Content Rating for Europe), 316
INCP (International Network on Cultural Policy), 261
Independent Communications Authority of South Africa (ICASA), 472–473, 477, 498n32
India
3G wireless networks in, 171, 175–176
audiovisual sector, 247
film industry, 238
GATS BTA and, 195, 220n19, 221n23, 221n24, 224n78
ICANN and, 528
intellectual property rights, 408, 413, 421
ITU and, 104, 115
Louder Voices report, 432, 437, 438, 460n10
NGO representation, 486
India (cont.)
  policy positions of, 591
propaganda, international convention regarding, 280
Quad model of ICT governance, 608
Indigenous peoples, rights of, 68, 263, 284–286, 553, 554, 555
Indonesia, 104, 221n22, 221n26
InfoDEV, 605
Information and Communication for Development (ICD), 430–432, 453–460
Information and communications technology (ICT), global governance of. See Global governance of electronic networks
Information and Communication Technology for Development (ICT4D), 430–432, 453–460
Information Sharing and Analysis Centers (ISACs), 62
Information Society and Development Conference (ISAD, 1996), 91
Information Systems Security Association, 62
Information Technology Agreement (ITA), WTO, 43
Information Technology Association of America, 528
Infrastructure, ix
3G wireless networks (see Third generation [3G] wireless networks)
binary distinction between content and infrastructure, 10–11
GATS BTA (see GATS Basic Telecommunications Agreement)
ICANN and other naming/numbering bodies, 44–47
international trade in ICT goods, 41–44
ITU
  importance of, 100
  as mechanism for governance, 26–30
radio frequency spectrums (see Spectrum and orbital slot management)
satellites (see Satellites)
technical standardization, 30–32

INHOPE, 323
INMARSAT (International Maritime Satellite Organization), 36, 38, 132
Institute for Intellectual Cooperation, 280
Integrated Services Digital Networks (ISDNs), 20, 31
Intekom, 498n38
Intel, 174, 598
Intellectual property rights, xi, 401–426
3G wireless networks
  2G digital services, legacy from, 154–155
  4G, model for, 174–175
  technology standards and, xi, 165–168
  compulsory licensing, 403–404
content management and DRM, 417–419
copyrights, 403
CSO interests regarding, 559
developing countries and
  content management and DRM, 417–419
differential treatment for, 420–421
HIV/AIDS patents, 401, 402, 404, 419
informational development, 414–417
legal assistance, problems with, 414
traditional knowledge, protection of, 414, 418–419
WIPO capacity-building assistance for, 411–414
domain names, 418–419
fair use, 403–404, 421
flexibility of framework for, importance of, 410, 420
globalization of, 402, 405, 407–411
historical evolution of, 55–57, 406–411
HIV/AIDS patents, 401, 402, 404, 419
internationalization of, 406–407
justification of, 405, 406
as mechanism for global ICT governance, 55–57
MFN treatment, 408–409
nature and character of intellectual property, 403–404
NGOs on, 419, 421
NT, 407–409
patents, 403
piracy of, 401, 402, 404, 405, 407–410, 414, 416–419
reciprocity, 408–409
recommendations regarding, 419–421
scarcity, formal construction of, 404, 405
trademarks, 403, 418–419
traditional knowledge, protection of, 414, 418–419
TRIPS (see Trade-Related Aspects of Intellectual Property Rights [TRIPS] agreement)
UNCTAD, 413
Uruguay Round negotiations, 402, 407, 410, 421
WIPO (see World Intellectual Property Organization)
INTELSAT (International Telecommunications Satellite Organization), 16, 35–38, 73n51, 132, 133
Inter-American Telecommunication Commission, 72n46
International Association for Media and Communication Research (IAMCR), 549–550
International Broadcast Union (IBU), 17, 48–49
International Business Machines Corp. (IBM), 17–18, 510, 516, 598
International Chamber of Commerce (ICC), 20, 58–60, 62, 64, 285, 528, 597, 600, 608
International Consumer Protection and Enforcement Network (ICPEN), 58
International Convention Concerning the Use of Broadcasting in the Cause of Peace (1938), 49, 280
International Convention on the Elimination of All Forms of Racial Discrimination (UN, 1965), 282
International Covenant on Civil and Political Rights (UN, 1966), 276, 278, 279, 281, 282
International Covenant on Economic, Social, and Cultural Rights (UN), 259
International Criminal Court (ICC), 285
International Development Research Centre (IDRC), 608
International Direct IV Broadcasting by Satellite (IDTBS), 286–291
International Electrotechnical Commission (IEC), 31
International Federation of Journalists of Allied or Free Countries (IFJAFC), 277
International Frequency Registration Board (IFRB), 15
International Institute for the Unification of Private Law (UNIDROIT), 58
International Law Enforcement Telecommunications Seminar, 63
International Maritime Satellite Organization (INMARSAT), 36, 38, 132
International Marketing Supervision Network, 309
International Network for Cultural Diversity (INCD), 261, 263
International Network on Cultural Policy (INCP), 261
International Olympic Committee (IOC), 319
International Organisation of Journalists (IOJ), 277–278
International Organization for Standardization (ISO), 19, 31, 72n34
International Organization of the Francophonie, 259
International Panos Institute, 432
International Programme for the Development of Communication (IPDC), 293
International Radiotelegraph Union, 15–16, 71–72n32
International satellite systems and services. See Satellites
International Systems Security Certification Consortium, 62
International Telecommunication Regulations of 1988 (ITRs), 28, 29, 61, 95–96, 109, 207, 223n59
International Telecommunications Satellite Organization (INTELSAT), 16, 35–38, 73n51, 132, 133
International Telecommunications Satellite Organization (ITSO), 38
International Telecommunications Users Group (INTUG), 20
International Telecommunication Union (ITU), vii, ix–x, 83–126
3G wireless networks and, 150, 153–154, 165–167, 180n29
accounting rate regime, 207, 208, 210
advantages and disadvantages of, 599
cybercrime and cybersecurity, 61, 62, 63
development issues
awareness of links between ICT and development, raising, 111–112
change in governance models, impact of, 88–90
development assistance provided by, 99–100, 103, 105–106
governance ambitions of member states, 103–104
governance process, need to make more inclusive, 116–118
reform process, winners and losers in, 104–106
relevance of ITU, 84–85
TELECOM exhibitions and forums, 99, 111–112, 116
domestic networks
coordination of national policies and programs, 107–108
traditional noninvolvement with, 72–73n48
e-commerce, 58, 60
financial system, 124n26
fitness for future, 84–85, 92
free speech and content regulation, 47–48
GATS affecting, 28, 39–40
GATS BTA and, 187, 191
goals and principles of, 90–91, 92–93
governance ambitions of member states, 102–104
governance functions of, 94–100
governance process, need to reform, 116–118
historical evolution
developed vs. developing countries, different impacts of changing governance models on, 88–90
first NWO, mid-19th century through early 1980s (governmental control), 2, 15, 26–28, 87
of governance patterns, 86–92
origins in International Telegraph Union, 2, 15, 83–84, 87
Paris, Treaty of (1865), 15, 540
second NWO, early 1980s through 1995 (market liberalization and privatization), 20, 28, 87–91
third NWO, 1996 to present day (Internet as driving force), 28–30, 91–92
ICANN and, 46, 93, 507
infrastructure
importance of ITU for, 100
as mechanism for governance of, 26–30
institutional, organizational, and treaty structures, 101–102, 114–115, 118–122
international telecommunications, regulation of, 95–96
ITDBS, 288, 290
ITRs of 1988, 28, 29, 61, 95–96, 109, 207, 223n59
Louder Voices report, 100, 117, 432–439
market liberalization affecting, 20
Marrakech Plenipotentiary Conference (2002), 105, 106, 108, 109, 113
membership of, 93–94
national sovereignty, concept of, 83–84, 101–102
Plenipotentiary Conference, 124n22
recommendations for restructuring, 112–122
coalition for reform, building, 115–116
governance process, reforming, 116–118
new institutional framework, need for, 114–115, 118–122
reform movement, 102–112
aims of, 102

different preferences of members states regarding, 103–104

lessons learned from, 106–112

winners and losers in, 104–106

RRs, 94, 96–98, 109, 110, 156, 223n59, 288

satellites, filing plans for, 110–111

South Africa and, 115, 464–465, 468, 478–480, 484, 489


WSIS and, 91–92, 93, 113, 116–117, 301, 545–546, 565

WTO and, 28, 89, 108

WTPFs, 96, 107

International Telegraph and Telephone (company), 14

International Telegraph Convention (1865), 95, 276

International Telegraph Union (ITU), 2, 15, 83–84, 87

International Trademark Association, 516

Internet

audiovisual sector affected by, 235–236

content regulation (see Internet content regulation)

e-commerce, 57–60, 531n4

historical development as driving force, 23–26

(see also Historical evolution of global ICT governance)

ICANN (see Internet Corporation for Assigned Names and Numbers)

in South Africa, 470–473

Uruguay Round’s failure to recognize

importance of, 415

WSIS

co-regulation network announced by EU at, 323

CSO interests and concerns, 559

IGF, 69, 323, 571, 574

increasing focus on Internet at, 536, 538–539, 563–564

Tunis Internet governance deal, 570–575

WGIG, 562, 563, 567–570

Internet Assigned Numbers Authority (IANA), 44

Internet Content Rating Association (ICRA), 312, 316–319

Internet Content Rating for Europe (INCORE), 316

Internet content regulation, 305–330

children, protection of, 308–309, 311, 312, 313, 315, 318, 319, 322

consumer fraud, 309, 312, 322

content labeling, 311–312, 316–319

drug smuggling, 309

EU model for, 313, 319, 322–323

gambling, 313–314

hate speech, 313

historical evolution of, 306–309

increase in, inevitability of, 320–321

intergovernmental cooperation, 308–309, 312–319

internationally agreed offenses, 308–309, 312–313, 319, 322

legislation, international, 315, 321

national/cultural offenses, 313–315, 320, 322

national regulatory responses, 306–309

parental empowerment, 310, 312, 318, 325n35

policy models for, 319–320

privacy seals, 311–312, 315–316

recommendations regarding, 320–323

self-help vs. self-regulation, 319

self-regulation, 309–312, 315–316, 319

sensibility and rationality of, 321

spam, 60, 315, 322

terrorism, 309, 312–313

Internet Corporation for Assigned Names and Numbers (ICANN), 507–533

compared to other intergovernmental organizations, 526–527

controversy regarding, 45–47, 458, 463
ITRs (International Telecommunication Regulations of 1988), 28, 29, 61, 95–96, 109, 207, 223n59
ITSO (International Telecommunications Satellite Organization), 38
ITU
International Telecommunication Union (see International Telecommunication Union) International Telegraph Union, 2, 15, 83–84, 87
Japan
2G digital services in, 160–161, 179n26
3G wireless networks in, 166, 168, 170–171 audiovisual sector, 237–239, 246, 247, 249, 256, 257
child pornography and Internet content regulation, 319, 324n14
CoE and, 342, 379
cybercrime and cybersecurity, 63 film industry in, 239
free speech and content regulation, 49
GATS BTA, 220n20, 221n24
historical development of global ICT governance in, 20
intellectual property rights, 55, 408
international trade in ICT goods, 41, 42
ITU and, 103, 105, 107
privacy rights and protections, 378, 391
Johnson, David, 71n25, 308
Joint Recommendation Concerning Provisions on the Protection of Marks, and Other Industrial Property Rights in Signs (WIPO, 2001), 56
Jordan, 220n17, 247
J-Phone, 179n26
Justice Department (DoJ), U.S., 354, 356, 360, 363–364
Karklins, Janis, 563
KDDI, 168, 171, 179n26
Kelly, Tim, 596
Kennard, William E., 180n36
Kenya, 247, 413
Keohane, Robert, 585
Kerr, Ian, 391
Khan, Masood, 571
Kim Dae-jung, 233–234
Kim Il Sung, 307
Kirch, Leo, 275
Kleinwächter, Wolfgang, xii, 67, 69, 535, 563, 591, 620
Korea. See North Korea; South Korea
Korea Network Information Center (KRNIC), 520, 521–523, 525–526
Krasner, Stephen, 585, 598, 603
KRNIC (Korea Network Information Center), 520, 521–523, 525–526
Kummer, Marcus, 567
Kyoto protocol, 358
Kyrgyz Republic, 220n17, 247
LACNIC, 44
Language issues for ICANN participation by ROW countries, 517–518, 528
Lassonde, Louise, 553
Latham, Robert, 1, 71n26
Latin America. See also specific countries
2G digital services in, 163
historical development of global ICT governance in, 14
ITU membership, 26
LACNIC, 44
PanAmSat, 36–37
Latvia, 220n17
Lawful access powers as cybercrime/cybersecurity issue, 343, 349, 360–362
LDCs. See Least Developed Countries
League of Nations, 17, 49, 276, 280, 282
Least Developed Countries (LDCs). See also specific countries
FDI flows, 206
GATS BTA and, 198–199, 207
ITU and, 84, 89, 124n26
Louder Voices report, 431, 438, 451
policy positions of, 591
Least Developed Countries (LDCs) (cont.)
Quad model of ICT governance, 609
recommendations for, 611–613
at WSIS, 431
Zanzibar declaration (2001), 474
Lebanon, 413
Lee, Tim Berners, 542
Lee Hoi-chang, 233
Lesotho, 247
Lessig, Lawrence, 314, 598, 604
Liberalization of trade
in audiovisual sector, 234–236
cultural vs. trade perspective on, 233–236,
241–242, 259–260, 263–264, 300
dominant vs. nondominant actors on, 590–
591
GATS and, 188, 192, 193–195, 218 (see also
General Agreement on Trade in Services)
historical impetus for, 19–23, 234–235 (see also Historical evolution of global ICT
governance)
MFN (see Most favored nation [MFN]
treatment)
in TRIPS agreement, 408–409, 410
unequal results for developed vs. developing
countries from, 464, 487
Liberia, 53
Liberty Alliance, 58
Liikanen, Erkki, 180n36
LINUX, 415
Lithuania, 220n15, 413
Locke, John, 405
Lodge, Martin, 485
Louder Voices report (2002), xi–xii, 429–462
analysis of international ICT decisionmaking
process by, 117, 432–437
changes and developments since issuance of,
453–459
commissioning of, 432
countries profiled in, 432, 437, 460n10
ICANN, 432–436, 437, 438, 446–447
impact of developing countries on global ICT
decisionmaking, 437, 440
international agencies, role in global ICT
decisionmaking of, 434, 435
ITU, 100, 117, 432–439
LDCs, 431, 438, 451
nongovernmental actors, role in global ICT
decisionmaking of, 434–436
obstacles to developing country participation
in global ICT governance, 440–447
OECD, 439
program of action recommended by, 447–
453, 612
UN Agencies, 434–436, 438
WTO, 432–434, 437–438
Luxembourg, 280, 283
MacBride Commission, 283, 297
Macedonia, 413
MacLean, Don, ix, 29, 35, 69, 83, 460n8, 465,
473, 563, 589, 612, 620–621
Macroeconomics
impact of ICT on, 429, 459, 461n23
South African policy, 466, 467, 482
MAI (Multilateral Agreement on Investment),
OECD, 214–215, 241–242
Maitland Commission (1984), 89, 100, 456,
462n32
Malaysia
audiovisual sector, 247, 259
GATS BTA, 221n24
intellectual property rights, 413
Internet content regulation, 306
ITU and, 115
Quad model of ICT governance, 608
Mali, 115
Market powers, governance via, 597–599. See also Liberalization of trade; Privatization
Market resource allocation techniques for
spectrum and orbital slot management,
139, 145n42
Markey, Edward, 45
Marrakech Plenipotentiary Conference, ITU
(2002), 105, 106, 108, 109, 113
Marsh, David, 482
Marx, Karl, 580
Mass media content governance, x–xi, 275–303. See also Free speech and content regulation
free speech argument against, 276
globalization and, 275
national sovereignty argument for, 276, 286–296
direct satellite broadcasting, 286–291
self-determination, right of (NIIO and NWICO), 291–296
recommendations regarding, 298
responsible speech argument for (see Responsible speech argument)
right to communicate, 296–298
self-determination, right of (NIIO and NWICO), 291–296
Mass Media Declaration (UNESCO, 1978), 278, 283–284
Mathiason, John, 586
May, Christopher, xi, 55, 401, 589, 621
Mbeki, Thabo, 467, 542
MCI Worldcom, 510
McKnight, Lee, 528, 586
McLuhan, Marshall, 539
Media ownership, CSO interests regarding, 559
Mercury, 179n24
Mexico
2G digital services in, 164
3G wireless networks in, 167
audiovisual sector, 247–249, 251–252
CoE and, 342, 379
cybercrime and cybersecurity, 63
intellectual property rights, 413
ITU and, 115
multilateral agency processes, participation in, 488
MFN. See Most favored nation (MFN) treatment
Microsoft, 23, 58, 64, 312, 316, 317, 415–416
Millennium Africa Recovery Plan, 496n4
Millennium Declaration, UN, 430
Millennium Development Goals (MDGs), UN, 455–456
Millennium Review Summit, UN, 455
Millennium Round negotiations, WTO, 242
Mill, John Stuart, 406
Minilaterial organizations, 593–594, 595–596
Minors, protection of
Internet content regulation, 308–309, 311, 312, 313, 315, 318, 319, 322
mass media content governance, 285–286
Moldova, 220n15
Mongolia, 220n17
Morocco, 104, 115
Morris worm, 61
Most favored nation (MFN) treatment
audiovisual sector, 235, 240, 241, 244, 245–246, 256–258, 267
GATS BTA, 38, 53, 191–192, 195–197, 208, 214
intellectual property rights, 408–409
ITA, 43
Motion Picture Association of America (MPAA), 239, 590
Motorola, 158
Moussaoui, Zacarias, 363
Movies, international trade in. See Audiovisual sector
Mozambique, 413
MPAA (Motion Picture Association of America), 239, 590
MSN, 318, 326n57
Mueller, Milton L., xii, 46, 464, 473, 507, 528, 586, 596, 603, 607, 621
Multilateral Agreement on Investment (MAI), OECD, 214–215, 241–242
Multilateral organizations, 593, 594–595. See also specific organizations
developing country participation in, outcomes from, 464, 480–481, 488–490
South African participation in (see South Africa)
Multilateral process of spectrum and orbital slot management, 128–129, 130–131
Multinational corporations. See Corporations
Multistakeholderism
concept of, 537–539
of DOT and UN ICT Task Force, 431
globalization and national sovereignty issues affecting, 535–539
in ICANN, 579
trilateralism, 544
at WSIS
 limits of, 557–560
practical applications of, 563–565
recognition of principle of, 560–562, 575–576, 577
rise of concept of, 537–539, 546
Samassékou’s promises regarding, 550
Music, international trade in. See Audiovisual sector
Mutual legal assistance in cybercrime and cybersecurity, 362–364, 366–367
NAFTA (North American Free Trade Agreement), 224n75, 242, 243, 248, 251–252
Naidoo, Jay, 498n31
Namespace SA, 471
Napoleon III, 15
National Infrastructure Information (NII) Initiative, 542
National Infrastructure Protection Center (U.S. Department of Homeland Security), 62
National legislation
cybercrime and cybersecurity regulation, 333, 358
Internet content regulation, 313–315, 320, 322
on privacy rights and protections, 375–376, 377–378, 387–391
terrorism, aimed at, 358
National Security Agency (NSA), U.S., 389
National sovereignty
content regulation on basis of, 276, 286–296
direct satellite broadcasting, 286–291
self-determination, right of (NIIO and NWICO), 291–296
cybercrime and cybersecurity regulation, 332
GATS BTA concerns over national regulatory autonomy, 199–202
globalization and, 535–539
historical development of global ICT governance and, 12, 19, 25, 32–33, 47, 49
ICANN and principle of, 512–514
ITU and, 83–84, 101–102
over radio frequency spectrum, 127, 128
TRIPS and, 409–410, 421–422
National treatment (NT)
in audiovisual sector, 240, 241
framework of global ICT governance and, 39, 53
GATS BTA, 191, 192, 194, 195, 198, 200, 201, 211, 213, 214, 215, 218
GATT obligation, 224n80, 240
intellectual property rights, 407–409
South Africa and, 474, 477, 489
TRIMS agreement, 224n80
Nazi memorabilia on Internet, 314, 322
NEPAD (New Partnership for Africa’s Development), 492, 494, 496n4
Nepal, 432, 437, 460n10
Netherlands, 41, 104, 115, 283, 352
Netscape, 23, 312, 317
Networked information, communication, and commerce, global governance of, x
binary distinction between infrastructure and content, 10–11
crime and security (see Cybercrime and cybersecurity)
electronic commerce as governance mechanism, 57–60
film, television, and music (see Audiovisual sector)
free speech issues (see Free speech and content regulation; Internet content regulation;
Mass media content governance)
historical development, 16–17
intellectual property (see Intellectual property rights)
privacy (see Privacy rights and protections)
Network global governance. See Global governance of electronic networks
Network Solutions, 509
NetWorld Orders (NWOs), ix, 12. See also
Historical evolution of global ICT governance
“New information economy,” 24
New International Information Order (NIIIO), 292–296, 591
New Partnership for Africa’s Development (NEPAD), 492, 494, 496n4
New World Information and Communication Order (NWICO), 49–50, 293–296, 541, 558
New Zealand, 220n20, 247, 280, 320
NGOs. See Nongovernmental organizations
Nicaragua, 53, 247
NII (National Infrastructure Information) Initiative, 542
NIIIO (New International Information Order), 292–296, 591
Noam, Eli, 12
Nokia, 180n33
Nondominant actors. See Civil society organizations; Developing countries; Dominant vs. nondominant actors; Nongovernmental organizations; Rest of the world (ROW) countries and organizations
Nongovernmental actors
corporations (see Corporations)
CSOs (see Civil society organizations)
historical evolution of participation in ICT treaties and conventions, 539–546
ICANN, private control of, 510, 543
Louder Voices on role of, 434–436
NGOs (see Nongovernmental organizations)
public-private partnerships, 7–8, 388, 393, 537, 543–544, 566, 572, 598, 609, 610
self-governance by (see Self-governance arrangements)
at WSIS (see Civil society organizations)
Nongovernmental organizations (NGOs)
audiovisual sector involvement, 233, 241, 261
cybercrime and cybersecurity discourse, access to, 356, 359–360, 367–368
developing countries’ capacity to make use of resources of, 485–486, 493
historical evolution of participation in ICT treaties and conventions, 541–546
intellectual property rights and, 419, 421
Internet content regulation, involvement in, 322
as nondominant actors, 586
as ROW, 587, 589 (see also Rest of the world (ROW) countries and organizations)
at WSIS (see Civil society organizations)
Non Mahar (NTBs), 20, 31, 42, 43
Nonuniversal/regional institutions, role of, 72n46
Nordic countries, 50, 104, 115, 170. See also specific countries
North American Free Trade Agreement (NAFTA), 224n75, 242, 243, 248, 251–252
North Korea, 307, 378
North-South differences. See Dominant vs. nondominant actors
Norway, 220n20
NSA (National Security Agency), U.S., 389
NSFNet, 23
NT. See National treatment
NTBs (nontariff barriers), 20, 31, 42, 43
NTT and NTT DoCoMo, 160–161, 166, 170, 173, 179n26, 180n33, 240
Nuremberg Tribunal, 284–285
NWICO (New World Information and Communication Order), 49–50, 293–296, 541, 558
NWOs (NetWorld Orders), ix, 12. See also Historical evolution of global ICT governance
Nye, Joseph P., Jr., 585, 590
OAS (Organization of American States), 386
OECD. See Organization for Economic Cooperation and Development
Office of the U.S. Trade Representative (USTR), 19, 259, 414, 420, 476–477, 486, 488
Okinawa Charter on the Information Society, G8, 430
Olympics webcasts, 319
Oman, 220n17, 247, 413
Open-market Reorganization for the Betterment of International Telecommunications (ORBIT) Act (U.S.), 38, 143n28
Open source software, 415
Open Systems Interconnection (OSI), 19, 31
Operation Avalanche, 308–309
Operation Cathedral, 308
Operation Ripcord, 308
Operation Starburst, 308
Orange, 176, 179n24
Orbital positioning, management of. See Spectrum and orbital slot management
ORBIT (Open-Market Reorganization for the Betterment of International Telecommunications) Act (U.S., 2000), 38, 143n28
Organization for Economic Cooperation and Development (OECD) audiovisual sector, 241–242
cybercrime and cybersecurity, 61, 62–63, 335, 351
Declaration on Authentication for Electronic Commerce (1998), 58
e-commerce, 58, 59, 60
free speech and content regulation, 51
historical development of global ICT governance and, 19, 22
intellectual property rights, 55
international trade in ICT goods, 41, 42
Internet content regulation, 308
interorganizational policy differences, 591
ITU governance patterns and economic structure of countries in, 88, 89
Louder Voices report, 439
MAI, 214–215, 241–242
nongovernmental actors, involvement of, 544
privacy rights and protections, 63, 379, 380
regional/nonuniversal institutions, role of, 72n46
Organization of American States (OAS), 386
OSI (Open Systems Interconnection), 19, 31
Outer Space Treaty (UN, 1965), 16, 33, 140n8, 240, 287, 288, 540
Pacific Bangladesh, 221n21
Pakistan, 550, 555
PALAPA, 36
Paltry, John, 71n25
Panama, 247
Pan American Satellite Corporation (PanAmSat), 36–37
Panos London, 432
Paper satellites, 133–134
Papua New Guinea, 134, 220n15, 221n21
Parental empowerment regarding Internet content, 310, 312, 318, 325n35
Paris, Treaty of (1865), 15, 540
Paris Convention for the Protection of Industrial Property (1883), 55
Paris Convention on Patents (1891), 55
Patents, 403. See also Intellectual property rights
Patriot Act (U.S.), 358, 361
PCCW, 601
Performances and Phonographs Treaty (WIPO, 1996), 56, 410–411
Peru, 37
Philippines, 163, 220n15, 220n19
PIFF (Pusan International Film Festival), South Korea, 233
PIR (Public Interest Registry), 44
Piracy of intellectual property rights, 401, 402, 404, 405, 407–410, 414, 416–419
Point-to-point information flows, 22–23
Poland, 413
Politicization of ICT issues, 457–458
Pollution trading system applied to spectrum and orbital slot management, 139, 145n42
Pooled investment in satellites, 131–133
Post, David, 71n25, 308
Post, telegraph, and telephone ministries (PTTs), 12–14, 20–21, 24
Postel, Jon, 44, 509
Poverty Reduction Strategy Papers, World Bank, 448, 454
Precommitment mechanism, GATS BTA, 212–213
Preservation of traffic data, 338–339, 344, 349–350
Principles Relating to Remote Sensing of the Earth from Outer Space (UN, 1986), 37
Privacy International, 356
Privacy rights and protections, xi, 375–400
CoE convention, 379, 380, 382
comprehensive vs. self-regulatory mechanisms for, 375–382
domestic debates between states, commercial actors, and citizens, 387–391
dominant actors’ stress on, 590
epistemic community of privacy experts, 376, 377, 378, 394
fair information principles, 377, 378
GATS, 396n35
historical evolution of, 377–382
hybrid relationships between public and private actors, 387–391, 392–393
ICANN regulatory functions, 514
international regulation, debate regarding, 378–382
between developed countries, 383–384
developed vs. developing countries, 384–386
recommendations regarding, 391–392
Internet content regulation via privacy seals, 311–312, 315–316
as mechanism of global governance, 63–64
OECD guidelines, 379, 380
recommendations regarding, 391–393
security, discourse on balance of privacy with, 365
state bargaining power over, 376, 378, 379, 381, 393–394
TDF flows, 378, 379
terrorism and, 382, 386, 389–390, 395
traffic data retention, 382
varying national legislation on, 375–376, 377–378
Private actors. See Corporations; nongovernmental actors
Privatization
historical evolution toward, 19–23, 597–598
(see also Historical evolution of global ICT governance)
in South Africa, 483
Process, emphasis of global governance definitions on, 8, 9–10
Propaganda, 280–282
PSTNs (public switched telephone networks), 18, 21, 25, 210, 477
PTOs (public telecommunications operators), 21–22, 24–25
PTTS (post, telegraph, and telephone ministries), 12–14, 20–21, 24
Public Interest Registry (PIR), 44
Public-private partnerships, 7–8, 388, 393, 537, 543–544, 566, 572, 598, 609, 610
Public switched telephone networks (PSTNs), 18, 21, 25, 210, 477
Public telecommunications operators (PTOs), 21–22, 24–25
Public trustee regulation of ICANN, 510–511
Public Voice, 392
Pusan International Film Festival (PIFF), South Korea, 233
Q-Trunk, 498n38
The Quad, 607–610
Qualcomm, 164, 165–168, 176
Quaynor, Nii Narku, 491
Quebecois nationalism, 537
Racial discrimination, 282–285. See also Apartheid
Radio broadcasting, global governance of free speech and content regulation, 48
historical evolution of, 13, 17, 48, 540
Radio frequency spectrum management. See Spectrum and orbital slot management
Radio Regulations (RRs), ITU, 94, 96–98, 109, 110, 156, 223n59, 288
Reagan administration, 19, 36, 541
Real Audio, 316
Real-time collection of data for cybercrime and cybersecurity purposes, 345–347, 352–353
Reciprocity in intellectual property rights, 408–409
Recreational Software Advisory Council for the Internet (RSACi), 312, 317
Regional ICT centers of expertise, 450, 461–462n29
Regional integration, negotiation, and strategizing by developing countries, 493–494
Regional Internet Registries (RIRs), 44
Regionalization of control of TLDs within ICANN, 528
Regional/nonuniversal institutions, role of, 72n46
Registries for domain names, 532n20
Regulation of content. See Free speech and content regulation; Internet content regulation; Mass media content governance
Reichman, Jerome, 415
Reinicke, Wolfgang H., 70n7
Responsible speech argument, 276–286
crimes against humanity, 284–285
discrimination, 282–284
historical evolution of, 276–280
minors, protection of, 285–286
propaganda, 280–282
terrorism and, 279–280
Rest of the world (ROW) countries and organizations defined, 507–509, 586–587
ICANN and (see Internet Corporation for Assigned Names and Numbers) priorities of, 589–590
Retention of traffic data, 339–341, 349–350, 382
Rice, Condoleezza, 572
Richards, John E., x, 32, 149, 611, 621
Rio Earth Summit (1992), 537, 541
RIPE NCC, 44
RIRs (Regional Internet Registries), 44
RITS, 601
Roh Moon-hyun, 268
ROW. See Rest of the world (ROW) countries and organizations
RRs (Radio Regulations), ITU, 94, 96–98, 109, 110, 156, 223n59, 288
RSACi (Recreational Software Advisory Council for the Internet), 312, 317
Russell, John, 314
Russian Federation, 104, 413, 537. See also Soviet Union
SABRE (Semiautomatic Business Research Environment) airline reservations system, 17
SADC (Southern African Development Community), 467, 493–494
Safeguard measures under GATS BTA, 202–203, 216
SAGE (Semi-Automatic Ground Environment) air defense system project, 17
Salinas, Carlos, 251, 252
Samassékou, Adama, 550, 557
Samsung, 174
Sardinia, 15
Sassen, Saskia, 1
Satellites
Comsat, 16
DBS service, 48
direct satellite broadcasting, national sovereignty, and free speech, 286–291
EUTELSTAT, 36, 38, 132
historical evolution of global governance for, 16, 35–38
infrastructure for global governance of, 35–38
INMARSAT, 36, 38, 132
INTELSAT, 16, 35–38, 73n51
INTERSPUTNIK system, 36
paper satellites, 133–134
pooled investment, 131–133
registration and filing, 110–111, 133–134
spectrum and positioning management (see Spectrum and orbital slot management)
Saudi Arabia, 333
Sauvé, P., 188
SBC Communications, 160
Scandinavian countries, 50, 104, 115, 170, 181n49. See also specific countries
Scarcity, intellectual property rights as formal construction of, 404, 405
Scholarly study of ICT governance, 610
intellectual and technical difficulties of, 583–584
practical assistance provided by, 601–607
Schomburg, Wolfgang, 362
Scottish nationalism, 537
Screen quotas, 233–234, 240, 242, 251–255, 259, 268
Search and seizure of data, 345, 350–351
Seattle Ministerial Conference (1999), WTO, 255, 474, 544
Second generation (2G) digital services
in developing countries, 163–164
in Europe, 158–160
intellectual property rights for, 154–155
in Japan, 160–161, 179n26
path-dependence of 3G on, 154, 165
political economy of, 154–164
spectrum allocation, 155–157
spectrum licenses, assigning, 157–158
standards setting for, 154–155
successes and problems in, 164–165
in United States, 161–163
Security. See Cybercrime and cybersecurity
Self-determination, right of (NIIO and NWICO), 291–296
Self-governance arrangements
e-commerce, 57–58
effectiveness and efficiency of, 594, 596–597
historical development of, 25–26
ICANN, 514–515, 521–523, 597
Internet, self-regulation of, 309–312, 315–316, 319
privacy rights and protections, comprehensive vs. self-regulatory mechanisms for, 375–382
self-help vs. self-regulation of Internet, 319
technical standardization, 108–109
Semiautomatic Business Research Environment (SABRE) airline reservations system, 17
Semi-Automatic Ground Environment (SAGE) air defense system project, 17
Senegal, 115
September 11, 2001. See Terrorism
Shave, Betty-Ellen, 364
Shope-Mafole, Lyndall, 555
Short message service (SMS) text messaging, 164, 176, 440
Sieber, Ulrich, 317
Silber, Mike, 471
Singapore
audiovisual sector, 247, 258
GATS BTA, 221n26
influence and ICT prowess, 612
Internet access in, 470
Internet content regulation, 307, 311
ITU and, 115
SMS (short message service) text messaging, 164, 176, 440
SNA (Systems Network Architecture), 17–18
Social actors vs. social institutions and rule systems, 7–10
Social duty principle. See Responsible speech argument
Social Science Research Council (SSRC) project, xv, 368, 601–602, 611
Soft power, 239
Solow, Robert, 461n23
Somm, Felix, 317
Sonera, 181n49
Souter, David, xi–xii, 29, 67, 429, 589, 612, 621
South Africa, xii, 463–506, 607
ANC, 467, 471, 607
apartheid regime, 467, 481, 482, 496n10, 600, 607
characteristics and features of, 466–467
cybercrime and cybersecurity, 63
ECT (2002), 471–472
Electronic Communications Act of 2006, 468, 472
FDI in, 206, 481, 496n11
GEAR policy, 482
GII Initiative, 542
globalization, effects of, 386, 485, 491
HIV/AIDS in, 467, 497n17
ICASA, 472–473, 477, 498n32
ICT policy, domestic goals of, 468–470
Internet in, 470–473
ISAD Conference (1996), 91
Louder Voices report, 432, 437, 460n10, 468–469, 484, 485
macroeconomic policy of, 466, 467, 482
multilateral agency processes, participation in, 477
GATS commitments, 474–478, 489
historical constraints, 481–483
ICANN, 464, 465
ITU, 115, 464–465, 468, 478–480, 484, 489
outcomes of, 464, 480–481, 488–490
resource constraints on, 483–485
structural (domestic) constraints on, 485–487
WTO, 464, 468, 474–478, 481, 484
NGO representation, 485–486
privacy rights and protections, 385
propaganda, international convention regarding, 280
Quad model of ICT governance, 608, 609
recommendations regarding, 490–494
socioeconomic indicators, 467–468
Telecommunications Amendment Act of 2001, 468, 471
Southern African Development Community (SADC), 467, 493–494
South Korea
2G digital services in, 163
3G wireless networks in, 167, 171, 176, 181n38
audiovisual sector
amount of trade in, 238
Doha Round negotiations, 257
film industry, 247–249, 252–255
screen quotas, 233–234, 252–255, 259, 268
U.S.-Korea BIT negotiations, 233, 242
U.S.-Korea FTA talks, 268–269
e-commerce, 60
ICANN, 517–519, 520–526, 527, 528
Internet access in, 470
Internet content regulation, 307, 318
privacy rights and protections, 391
Quad model of ICT governance, 609
U.S.
attempted BIT with, 233, 242, 253, 268
FTA talks, 268
South-North differences. See Dominant vs. nondominant actors
Sovereign rule. See National sovereignty
Soviet Union. See also Russian Federation
IDTBS, 287–290
INTERSPUTNIK system, 36
ITU and, 104
nationalism affecting, 537
propaganda, use of, 280
radio frequency spectrum management and, 33
Spain
2G digital services in, 163
3G wireless networks in, 181n48
audiovisual sector, 242, 249, 259
historical development of global ICT governance in, 14, 15
nationalism in, 537
Spam, 60, 315, 322
Spamhaus Project, 60
Spar, Deborah, 320
Specialized value-added networks (VANs), 18, 21
Spectrum and orbital slot management, x, 127–148
2G digital services
  spectrum allocation for, 155–157
  spectrum licenses, assigning, 157–158
3G wireless networks, spectrum management and license assignments for, 168–169, 173, 175, 180n29
4G wireless technology, 175
block allocations, 134–135
competitive bidding, problems with, 135–137
consensus decision on, 135, 144n33
cross-border spectrum and satellite uses, 129–130
developing countries, 128, 133–134, 137–139
efficiency vs. equity, 128, 129, 141n12, 142n19, 142n22
historical development of global governance, 15, 33, 34
historical evolution of, 15–16, 32–35
market resource allocation techniques, 139, 145n42
as mechanism for global governance of infrastructure, 32–35
multilateral process of, 128–129, 130–131
national sovereignty over, 127, 128
paper satellites, 133–134
pooled investment, 131–133
technological innovations affecting, 135, 143–144n32
Speech, freedom vs. regulation of. See Free speech and content regulation
Sprint, 160, 172, 180n34
Sri Lanka, 259, 413
SSRC (Social Science Research Council) project, xv, 368, 601–602, 611
State regulation of Internet content. See Free speech and content regulation
Stiglitz, John, 482
Stirton, Lindsay, 485
Strategic industry argument for special treatment of audiovisual sector, 264–265
Strossen, Nadine, 317
Structure-agency issue, ICT governance as, 606
Suriname, 220n15
Sweden, 41, 288, 289
Swiftnet, 498n38
Switzerland
  audiovisual sector, 256
  historical development of global ICT governance in, 15
  ITU and, 104, 115
  Mass Media Declaration (UNESCO, 1978), vote against, 284
  NWICO, 293
  Syria, 488
  Systems Network Architecture (SNA), 17–18
TACD (Trans-Atlantic Consumer Dialogue), 392
Tanzania, 115, 432, 437, 460n10
Tarjanne, Pekka, 94, 297
Taxation of e-commerce, 59
TCP/IP, 19, 23, 31
TDF. See Transborder data flow (TDF) debate
TDMA (Time Division Multiplexing Access), 154, 155, 158, 161, 164, 166, 167
TD-SCMA (Time Division-Synchronous Code Division Multiple Access), 167
Technical standardization, 30–32
3G wireless networks, 165–168
audiovisual sector, 268
industry self-governance in, 108–109
WTSF (World Telecommunications Standardization Forum) Mission (proposed organization), 118–119
Telecommunications Act of 1996 (U.S.), 201
Telecommunications Amendment Act of 2001 (South Africa), 468, 471
Telefilm Canada, 250
Telefonica, 160, 167, 170, 240
Telegraphy, 2, 12
Telenet, 19
Television broadcasting, global governance of, 48
Television programs, international trade in. See Audiovisual sector
Telkom SA, 469, 470, 476, 498n38, 500n63
Terrorism
CoE Convention on Cybercrime and, 342
G8 on, 341
Internet content regulation, 309, 312–313
national legislation aimed at, 358
privacy rights and protections affected by, 382, 386, 389–390, 395
responsible speech argument and, 279–280
search warrants and extradition requests, international, 363–364
UK National High-Tech Crime Unit on traffic data preservation and retention, 350
Texas Instruments, 598
Text messaging, 164, 176, 440
Thailand, 163, 247, 413, 612
Third generation (3G) wireless networks, x, 149–186
2G digital services, legacy of (see Second generation [2G] digital services)
4G, plans for, 174–175
case studies
China and India, 171, 181n40, 182n55
Japan, 166, 168, 170–171
South Korea, 167, 171, 176, 181n38
CDMA, 161–168, 175, 176
demand side of policy change, 152
in developing countries, 167, 175–177
in Europe, 166, 169–170, 173
financial assistance and relief policies, 173
GSM, 154, 158–159, 164, 166–168, 169, 171, 172
institutional factors, 153–154
intellectual property rights
2G digital services, legacy from, 154–155
4G, model for, 174–175
technology standards and, 165–168
ITU and, 150, 153–154, 165–167, 180n29
recommendations regarding, 174–177
spectrum management and license assignments, 168–169, 173, 175, 180n29
stakeholder interests, balancing, 150–154
supply side of policy change, 152–153
TDMA, 154, 155, 158, 161, 164, 166
technical and policy difficulties faced by, 149–150, 172
technical standardization, 165–168
in United States, 167, 168, 171–172
W-CDMA, 166–172
Time Division Multiplexing Access (TDMA), 154, 155, 158, 161, 164, 166, 167
Time Division-Synchronous Code Division Multiple Access (TD-SCDMA), 167
TLDs. See Top-level domain names
T-Mobile, 172
TNCs (transnational corporations). See Corporations
Togo, 488
Tokyo Round, 222
Tonga, 134
T-Online, 318
Top-level domain names (TLDs)
ccTLDs (country codes), 44–45, 47, 437, 460n10, 512–514, 515, 516, 520, 531n13, 572–573
gTLDs (generic names), 44, 45–47, 514, 515, 520, 524, 525, 528
procedures for awards of, 511, 527–529
regionalization of control of, 528
Total Information Awareness Project, 389
Trade liberalization. See Liberalization of trade
Trademarks, 403, 418–419. See also Intellectual property rights
Trade perspective vs. cultural perspective, 233–236, 241–242, 259–260, 263–264, 300
Trade-Related Aspects of Intellectual Property Rights (TRIPS) agreement, 401–403, 421–423
applicability to networked trade, 57
audiovisual sector, 54
binding dispute settlements under, 57
compulsory licensing, 404
developing countries and, 401–402, 408, 410, 411–414, 415–417
fair use, 421
flexibility of, 410, 420
historical development of global ICT
governance and, 22
informational development and, 415–417
national laws, relationship to, 409–410, 421–422
provisions directly relevant to online world, 55
trade liberalization principles of, 408–409, 410
Trade-Related Investment Measures (TRIMs) agreement, 213, 214, 224n80
Traditional knowledge, intellectual property rights and protection of, 414, 418–419
Traffic data preservation, retention, etc. See Cybercrime and cybersecurity
Trans-Atlantic Consumer Dialogue (TACD), 392
Transborder data flow (TDF) debate
framework and historical evolution of global ICT governance, 22–23, 50, 55, 61, 63–64, 73n57
privacy regulation, 378, 379
Transnational corporations (TNCs). See Corporations
Transparency and accountability, 492
Treaties and conventions
American Convention on Human Rights (1969), 279
Berlin, Treaty of (1906), 15, 540
Berne Convention for the Protection of Literary and Artistic Works (1886), 55, 406
Carlsbad Treaty (1819), 49, 540
Convention for the Protection of Human Rights and Fundamental Freedoms (CoE, 1950), 279, 313
Convention for the Protection of Individuals with regard to automatic Processing of Personal Data (CoE, 1981), 379, 380, 382
Convention for Safeguarding of Intangible Cultural Heritage (UNESCO, 2003), 260–261
Convention on Cybercrime (CoE, 2004) (see Convention on Cybercrime)
Convention on the International Right of Correction (UN, 1952), 281
Convention on the Rights of the Child (UN, 1989), 286–287
Convention on the Use of Electronic Communications in International Contracts (UN, 2005), 58
Copyright Treaty (WIPO, 1996), 56, 410–411
cultural diversity, international conventions on, 53, 236, 259–264, 266, 267–268
Dresden, Treaty of (1850), 15, 540
ECHR, 347, 356, 357
FTAs (see Free trade agreements)
GATS (see General Agreement on Trade and Services)
GATS BTA (see GATS Basic Telecommunications Agreement)
GATT (see General Agreement on Tariffs and Trade)
General Convention to Improve the Means of Preventing War (League of Nations), 282
Geneva Convention on Radio Broadcasting (1906), 540
International Convention Concerning the Use of Broadcasting in the Cause of Peace (1938), 49, 280
International Convention on the Elimination of All Forms of Racial Discrimination (UN, 1965), 282
Treaties and conventions (cont.)
International Telegraph Convention (1865), 95, 276
ITA, 43
MAI, OECD, 214–215, 241–242
nongovernmental actor participation, historical evolution of, 541–546
Outer Space Treaty (UN, 1965), 16, 33, 140n8, 240, 287, 288, 540
Paris Convention for the Protection of Industrial Property (1883), 55
Paris Convention on Patents (1891), 55
Paris, Treaty of (1865), 15, 540
Performances and Phonographs Treaty (WIPO, 1996), 56, 410–411
propaganda, international convention regarding, 280
TRIMs agreement, 213, 214, 224n80
TRIPS (see Trade-Related Aspects of Intellectual Property Rights [TRIPS] agreement)
U.S.-South Korea, attempted BIT between, 233, 242, 253, 268
WIPO treaties aimed specifically at networked environment, 56–57
Trilateralism, 544
TRIMs (Trade-Related Investment Measures) agreement, 213, 214, 224n80
Trinidad and Tobago, 221n21
TRIPS agreement. See Trade-Related Aspects of Intellectual Property Rights (TRIPS) agreement
TRUSTe, 64, 311, 316, 381, 387, 388, 389, 397n48
Tunis Commitment and Agenda for the Information Society (2005), WSIS, 68–69, 93, 113, 564–565
Tunis information symposium (1976), 292
Tunis phase of WSIS. See World Summit on Information and Society
Turkey, 259
TYMNET, 19
Ucingo Investments, 498n38
UDHR. See Universal Declaration of Human Rights
UDRP (Uniform Domain-Name Dispute-Resolution Policy), 44, 418, 523–526
Uganda, 220n15
UK. See United Kingdom
UMTS (Universal Mobile Telecommunications System), 167
UN. See United Nations
UN/CEFACT (United Nations Centre for Trade Facilitation and Electronic Business), 58
UNCITRAL (United Nations Commission on International Trade Law), 58, 471
UNCTAD (United Nations Conference on Trade and Development), 49, 62, 204, 206, 413, 414, 434, 473, 565
UNDP (United Nations Development Programme), 321, 434, 435, 455, 456, 467, 547, 565
UNESCO. See United Nations Educational, Scientific and Cultural Organization
Unicom, 171
UNIDROIT (International Institute for the Unification of Private Law), 58
Uniform Domain-Name Dispute-Resolution Policy (UDRP), 44, 418, 523–526
Uniforum SA, 471
United Kingdom
3G wireless networks in, 181n48, 182n60
audiovisual market in, 237, 238
ccTLD registry, 513
cybercrime and cybersecurity, 334–335, 345, 350, 352, 358, 361, 362
DFID, commissioning of Louder Voices by, 432
e-commerce, 60
free speech and content regulation, 50
historical development of global ICT governance in, 13–14, 17
international trade in ICT goods, 41
Internet content regulation, 308, 309, 310, 312, 320
ITU and, 26–27, 103, 115
nationalism in, 537
NWICO, 293
privacy rights and protections, 377, 378, 396n28
propaganda, international convention regarding, 280
Zionism as form of racism, UN resolution regarding, 283
United Nations
ACUNS, 5
Charter (1945), 288, 535, 538
Conference on Environment and Development (Rio de Janeiro, 1992), 537, 541
Conference on Freedom of Information (1948), 281, 540
Convention on the International Right of Correction (1952), 281
Convention on the Use of Electronic Communications in International Contracts (2005), 58
CSTD, 565
cybercrime and cybersecurity, 63
Draft Declaration on the Rights of Indigenous Peoples, 285
Economic Commission for Africa, 448
ECOSOC, 91, 541–542, 545–546, 549, 565
FAO, 565
free speech and content regulation, 47–49
historical development of global ICT governance and, 15, 16
Human Rights Summit (Vienna, 1993), 541
ICT Task Force, 92, 116, 430–432, 449–450, 545–546 (see also Louder Voices report)
IDTBS, 286–291
IGF, 69, 323
International Convention on the Elimination of All Forms of Racial Discrimination (1965), 282
International Covenant on Civil and Political Rights, 276, 278, 279, 281, 282
International Covenant on Economic, Social, and Cultural Rights, 259
ITU (see International Telecommunication Union)
Louder Voices report on agencies of, 434–436, 438
MDGs, 455–456
Millennium Declaration, 430
Millennium Review Summit, 455
nongovernmental actors, involvement of, 541–542, 545
Outer Space Treaty (1965), 16, 33, 140n8, 240, 287, 288, 540
Principles Relating to Remote Sensing of the Earth from Outer Space (1986), 37
privacy rights and protections, 64
self-determination, right of (NIIO and NWICO), 291–296
UDHR (see Universal Declaration of Human Rights)
UN/CEFACT, 58
UNCITRAL, 58, 471
UNCTAD, 49, 62, 204, 206, 413, 414, 434, 435, 473, 565
UNDP, 321, 434, 435, 455, 456, 467, 547, 565
UNESCO (see United Nations Educational, Scientific and Cultural Organization)
WHO, 547, 565
WIPO (see World Intellectual Property Organization)
Women’s Summit (Beijing, 1995), 541
Zionism as form of racism, resolution regarding, 283
Convention for Safeguarding of Intangible Cultural Heritage (2003), 260–261
cultural diversity, international conventions on, 53, 236, 259–264, 266, 267–268
historical evolution of global ICT governance framework and, 17, 48–50, 53
ITDBS, 289
Louder Voices report, 434, 435
Mass Media Declaration (1978), 278, 283–284
NWICO, 49–50, 293–296, 541
on propaganda, 281
responsible speech argument, 277
right to communicate, 296–297
self-determination, right of (NIIO and NWICO), 292–296
WSIS, 547, 556, 565
United States
2G digital services in, 158, 161–163, 164
3G wireless networks in, 167, 168, 171–172
audiovisual sector
case studies of trade relationship with Canada, Mexico, and Korea, 233–234, 248–254
Doha Round negotiations, 256–257
FTAs, 258–259 (see also specific agreements) globalization of, 264
global market share, 238–240
liberalization of trade in, support for, 237–238, 240–241, 244, 246–247, 255
CAN-SPAM Act, 315
Children Online Privacy Protection Act of 2000, 311
CoE and, 342, 379
Communications Decency Act, 306, 307, 317
Constitution
Fifth Amendment, 364
First Amendment, 313, 355
Convention on the Protection and Promotion of the Diversity of Cultural Expressions (2005), 53
cybercrime and cybersecurity, 62, 63, 352, 358, 363–364
Department of Commerce and ICANN, 25, 463, 511, 514, 516, 530, 543
DMCA, 56, 398n58, 417
DoJ, 354, 356, 360, 363–364
e-commerce, 58, 59, 60
FBI, 313, 352, 363, 389
FCC (see Federal Communications Commission)
Fifth Amendment, 364
film industry in, 238–240
First Amendment, 313, 355
free speech and content regulation, 48–51
FTAs (see Free trade agreements)
FTC, 311, 381
on GATS BTA, 196, 197, 198, 201, 202, 208, 209, 211, 212, 220n12, 220n20, 224n71
GII Initiative leadership, differences with EU regarding, 542–543
historical development of global ICT governance in, 13–14, 16–20, 23
ICANN dominated by, 44–47, 509, 516–517, 529, 572
IDTBS, 288, 289, 290
intellectual property rights, 55–57, 408, 417, 418, 421–422
international trade in ICT goods, 41, 42
Internet access in, 470
ITU and, 26–28, 103, 105, 107, 109
liberalization of trade, support for, 234–236
National Infrastructure Protection Center, 62 nondominant actors vs. (see Dominant vs. nondominant actors)
NSA, 389
NWICO, 293
ORBIT Act (2000), 38, 143n28
privacy rights and protections, 63, 64, 375–381, 383–384, 386–390, 391–394
Quad model of ICT governance, 608
Safe Harbor privacy protection arrangement between EU and, 381, 383–384, 385, 388–394
satellite systems and services, dominance of, 16, 35–38, 133
South Korea
    attempted BIT with, 233, 242, 253, 268
    FTA talks, 268
spectrum and orbital slot management, 33, 135–136
Telecommunications Act of 1996, 201
USTR, 19, 259, 414, 420, 476–477, 486, 488
Wire Wager Act, 313–314, 320
at WSIS, 550, 572–573
WTO and GATS BTA, 40, 41, 53, 54
Universal Declaration of Human Rights (UDHR) audiovisual sector, 259
    framework of global ICT governance and, 47–48, 51
    freedom of information in, 540, 558
GII Initiative and, 543
ITDBS and, 288
responsible speech argument, 276, 277, 278–279
    right to communicate, 296, 297
Universal Declaration on Cultural Diversity (UNESCO, 2001), 53, 260
Universal Mobile Telecommunications System (UMTS), 167
Universal Postal Union (UPU), 565
UPU (Universal Postal Union), 565
Uruguay Round negotiations
    audiovisual sector, 235, 244, 245, 256, 257
    content mechanisms for global governance, 52, 53, 55
    cultural perspective vs. trade perspective in, 235, 241
GATS adopted at, 189–190
GATS BTA and, 188, 191, 192, 197, 208
    historical development of global ICT governance and, 19–20, 22
    infrastructure mechanisms for global governance, 38
    intellectual property rights, 402, 407, 410, 421
    Internet, failure to recognize importance of, 415
U.S. See United States
U.S. Agency for International Development (USAID), 413, 586
USA PATRIOT Act, 358, 361
USENET, 19
U.S. Patent and Trademark Office (USPTO), 413
U.S. Telecommunications Industry Association, 158
USTR (Office of the U.S. Trade Representative), 19, 259, 414, 420, 476–477, 486, 488
Utsumi, Yoshio, 94, 547
UUNet, 19
Uzbekistan, 413
Valenti, Jack, 270n6
Value-added network services (VANS), 18, 21, 39, 41, 49, 202, 475–477, 483
Vatican, 379
Venezuela, 163, 167, 221n26, 259, 293
Verhulst, Stefaan, 316
Verisign Inc., 44
Verizon, 160, 172, 180n34, 182n56
Video production, international trade in. See Audiovisual sector
Vietnam, 259, 307
Vivendi, 240
Vodacom Group, 498n38
Vodafone, 160, 170, 176, 179n24
Voice over Internet Protocol (VoIP) technologies, 488
VoiceStream, 172
W3C (World Wide Web Consortium), 32, 52, 64, 317, 568
WARC (World Administrative Radio Conference), 34, 290
Washington consensus, 487, 586–591, 610
Washington Treaty (WIPO, 1989), 408
Wassenaar Arrangement, 63, 335
WATTC (World Administrative Telegraph and Telephone Conference), 27, 61, 95
W-CDMA (Wideband-Code Division Multiple Access), 166–172
Weaver, Jefferson H., 140n7
WEF (World Economic Forum), 544
The WELL, 19
Western Union, 13
West European Telegraph Union, 15
Westphalian system of nation-states, 535. See also National sovereignty
Whitton, John B., 281
WHO (World Health Organization), 547, 565
Wideband-Code Division Multiple Access (W-CDMA), 166–172
Wi-Fi, 174
Williamson, John, 588
Wilson, Ernest J., III, xii, xiii, 4, 24, 583, 621–622
Wilson, Paul, 556–557
WiMax, 174
WIPO. See World Intellectual Property Organization
Wireless networks, 3G. See Third generation (3G) wireless networks
Wire Wager Act (U.S.), 313–314, 320
Woo, Jisuk, xii, 46, 464, 473, 507, 596, 603, 607, 622
Working Group on Internet Governance (WGIG), WSIS, 68–69, 562, 563, 567–570
World Administrative Radio Conference (WARC), 34, 290
World Administrative Telegraph and Telephone Conference (WATTC), 27, 61, 95
World Bank
infoDEV, 605
intellectual property rights, 413, 414, 415
Louder Voices report, 435
Poverty Reduction Strategy Papers, 448, 454
Seattle Ministerial Conference (1999), protests at, 255, 474, 544
South Africa’s GEAR policy and, 482
Washington consensus separate from priorities of nondominant actors, 586
World Economic Forum (WEF), 544
World Health Organization (WHO), 547, 565
World Intellectual Property Organization (WIPO), xi. See also Intellectual property rights
Copyright Treaty (1996), 410–411
developing countries, capacity-building assistance offered to, 411–414
establishment of, 407
historical background, 22, 25
ICANN, 516
Joint Recommendation Concerning Provisions on the Protection of Marks, and Other Industrial Property Rights in Signs (2001), 56
Louder Voices report, 434, 435, 438
Performances and Phonographs Treaty (1996), 56, 410–411
treaties aimed specifically at networked environment, 56–57
UDRP, 44
Washington Treaty (1989), 408
WSIS, 547, 565
World of Sports online gambling case, 313–315
World Radiocommunication Conference (WRC), 35, 156, 168
World Social Forum, 544
World Summit on Information and Society (WSIS)
CSO participation in (see Civil society organizations)
dominant vs. nondominant actors at clash of interests, 591–593
failure to address nondominant actors, viii–ix, 430, 431
participation of CSOs (see Civil society organizations)
DSF, 559, 563, 566–567
focus on ICD/ICT4D since, 454–455, 457–458
free speech and content regulation at, 51, 297–298, 301
funding issues, 559, 563, 566–567
Geneva summit meeting, 560–562
organizational framework, creation of, 547–548
PrepCom1, 547, 548–551
PrepCom2, 547, 551–557
PrepCom3, 547, 557–560
regional ministerial meetings, 551
GFC, 563–564
historical events leading to, 539–546
holistic analysis of governance issues, benefits of, 67–69
ICANN debate, 46–47
impact of, 3
Internet (see Internet)
ITU and, 91–92, 93, 113, 116–117, 301, 545–546, 565
LDCs at, 431
multistakeholderism as issue at (see Multistakeholderism)
Tunis Commitment and Agenda for the Information Society (2005), 68–69, 93, 113, 564–565
Tunis phase (2004-2005), 562–575
DSF, 563, 566–567
Internet governance deal, 570–575
PrepCom1, 562, 563–565
PrepCom2, 562, 563, 564, 566–567, 568
PrepCom3, 562, 563, 564, 570–572
PrepCom3+, 572, 573
WGIG, 563, 567–570
WGIG, 68–69, 562, 563, 567–570
World Telecommunication Development Conference (WTDC), 91, 436, 437, 456, 460n10
World Telecommunication Policy Forums (WTPFs), ITU, 96, 107
World Telecommunications Development Institute (WTDI) (proposed organization), 121–122
World Telecommunications Regulatory Commission (WTRC) (proposed organization), 119–121
World Telecommunications Standardization Forum (WTSF) Mission (proposed organization), 118–119
World Trade Center bombings. See Terrorism
World Trade Organization (WTO)
BTA (see GATS Basic Telecommunications Agreement)
creation of, 22, 23
culture vs. trade perspective in, 242, 259–260, 263–264, 300
declaration on global electronic commerce, 43–44
Doha Round (see Doha Round negotiations)
e-commerce, bodies dealing with, 225n89
GATS (see General Agreement on Trade in Services)
green room negotiations, 484, 501n82
intellectual property (see Intellectual property rights)
ITA, 43
ITU and, 91–92, 93, 113, 116–117
Louder Voices report, 432–434, 437–438
Millennium Round negotiations, 242
Seattle Ministerial Conference (1999), protests at, 255, 474, 544
South Africa and, 464, 468, 474–478, 481, 484
TRIMS Agreement, 213, 214, 224n80
TRIPS agreement (see Trade-Related Aspects of Intellectual Property Rights [TRIPS] agreement)
Uruguay Round (see Uruguay Round negotiations)
WSIS, 565
World Wide Web Consortium (W3C), 32, 52, 64, 317, 568
WRC (World Radiocommunication Conference), 35, 156, 168
WSIS. See World Summit on Information and Society
WTDC (World Telecommunication Development Conference), 91, 436, 437, 456, 460n10
WTDI (World Telecommunications Development Institute) (proposed organization), 121–122
WTO. See World Trade Organization
WTPFs (World Telecommunication Policy Forums), ITU, 96, 107
WTRC (World Telecommunications Regulatory Commission) (proposed organization), 119–121
WTSF (World Telecommunications Standardization Forum) Mission (proposed organization), 118–119

Xerox, 19

Yahoo!, 314, 318, 326n57, 333
Yugoslavia, 278

ZA Domain Name Authority, 471
Zambia, 432, 437, 460n10
Zanzibar declaration (2001), 474
Zionism as form of racism, UN resolution regarding, 283
Zone of possible agreement (ZOPA), 266