

1

1970s, 17, 18, 38
1980s, 9, 43
1990s, 1, 9, 10, 13, 18, 28, 34, 38, 39, 40, 57, 64

8

802.11, 12, 41

A

ACACIA, 54, 60
Access, 2, 7, 8, 12, 32, 34, 40, 58, 61, 64
access layer, 5, 34, 47
accounting rate system, 9, 11, 51
Action Aid, 54
ad-hoc networking, 12
advocacy, 3, 5, 7, 17, 21, 28, 31, 34, 35, 36, 37, 40, 44, 45, 46, 48, 50, 51, 52, 54, 56
affordable access, 10, 34, 40, 47, 48
Africa, 10, 13, 19, 22, 54, 61
al-Jazeera, 30, 36
Alternative Media, 55, 61
alternative media networks, 2, 34, 35, 55
American Enterprise Institute, 37
anarchism, 24
anonymous remailers, 24
anti-abortion movement, 30
APC (Association for Progressive Communications), 3, 13, 46, 55, 58
appropriation, 15, 56
arbitration, 11, 21
arrest, 6
Article 19, 33
artificial intelligence, 27
atmosphere of fear, 8, 26
auction, 11
Augmented Social Network, 45, 61
Australia, 24, 27, 63

B

bandwidth, 12, 14, 25, 32, 34, 35, 36, 41, 49
barriers to networking, 2, 4
Benin, 14
Berne Treaty, 17, 19, 20, 63
bilateral agreements, 5, 16, 20
brand erosion, 14
Bretton Woods institutions, 56
Bretton Woods Project, 21, 62
Bush administration, 37, 38, 56

C

California Anti-Terrorism Information Center, 29
campaign contribution, 23
Canada, 13, 22, 25, 27, 28, 63
capacity building, 3, 4, 54
Carnival Against Capitalism, 26
Carnivore, 27, 60
CATIA, 54
Caucus, 4, 42, 59
cell phones, 12
censorship, 5, 6, 8, 15, 22, 24, 25, 29, 31, 33, 36, 45, 46, 49, 50, 52, 63
Central Asia, 4
CERN, 15
child pornography, 25
Chile, 21
chilling effect, 29, 36, 52
China, 24, 30, 31, 36, 58, 62, 65
 jailing of Huang Qi, 31
Church Committee, 26
Cisco, 24
Coalition for Environmentally Responsible Economies (CERES), 22
codes of conduct, 25
commercial censorship, 25
commercialisation, 11, 15, 35
communication rights, 52, 55
Communication Rights in the Information Society (CRIS), 55
competition, 8, 11, 13
connectivity, 4, 7, 25, 40
conservative civil society, 30, 49
consolidation, 10
Content, 2, 7, 16, 29, 32, 33, 42, 63
Control Environment, 8, 23, 33
control layer, 5, 6, 7, 45, 48
Convention on Cybercrime, 28, 29, 33, 36, 59
Copyleft, 32
copyright, 4, 15, 16, 17, 18, 19, 20, 29, 32, 35, 38, 41, 42, 43, 48, 52
 and alternatives to, 43
 and compulsory licensing, 17, 43
 and copyleft, 16, 32
 of databases, 18, 19, 27, 28
corporate logos, 48
Council for the Development of Social Science Research in Africa (CODESRIA), 54
Council of Europe, 25, 28, 36, 59
Council of Europe Committee of Experts on Crime in Cyber-Space, 28
Counter Intelligence Program (COINTELPRO), 26
counter-filter software, 24

Creative Commons, 43
cross-subsidy, 41
Cybercrime Convention of 2001, 24
Cybercrime Treaty, 27, 28
 and Article 23, 25
 and TreatyWatch, 25
cybersquatters, 20
 or domain name prospectors, 20
cyberterror, 57
cyberwar, 56, 57, 58

D

databases, 18, 27, 28, 32, 48
Defense Advanced Research Projects Agency (DARPA), 27, 59
denial of service, 30, 56
detournement, 56
Dial-up, 12, 13
 and low tariffs, 13
Digital Divide, 60, 62, 63, 65
Direct Action Against the War, 29
direct electronic action, 30, 52, 56, 57
Disney, 18
disruption, 6, 26, 30, 36, 46
DNS (Domain Name System), 14, 39
 and registration, 15
dot sucks, 21
double-edged effect, 26
Dubai, 24

E

Eastern Europe, 23
ECHELON, 27, 29, 33, 36, 60, 62
e-commerce, 23, 33, 54, 66
ECOSOC, 21, 37, 38, 54, 59
EFF, 28, 33, 60
electricity supply, 3
Electronic Disturbance Theater, 57
electronicintifada.net, 30
elites, 5
email, 27, 28, 30, 55
email floods, 30
encryption, 19, 20, 24, 32, 45
English, 8, 23, 41
ENUM, 15, 42
EPIC, 27, 29, 33, 60
essential services, 9
eToy vs. etoys, 14
 or ToyWar, 14
EU, 5, 9, 17, 18, 19, 27, 28, 29, 32, 33
EU Data Privacy Directive, 28, 29
European Council High Level Group on Organized Crime, 28
European Parliament, 23, 27, 60

explicit nudity, 24
external debt, 9

F

fair use, 19, 20, 32, 42, 44, 48, 50
Falungong, 31
FBI, 26, 27, 59, 60
 and COINTELPRO, 26
 and Louis J. Freeh, 26, 60
Federalist Society for Law and Public Policy Studies, 37
filters, 8, 24, 33
Flashback, 25
FloodNet, 57
Free wireless, 32
Free/Libre Open Source Software (FLOSS), 16
freedom of information, 5, 21, 22, 35, 58

G

G7, 9
G8, 9, 10, 28, 33, 56
GATS, 9, 11, 32, 34
GATT, 17, 39
 and the Uruguay Round, 17
gay sexual health, 24
Geneva Convention, 30, 46
Global Accountability Project, 22, 33
Global Civil Society, 1, 58, 59, 60
Global Compact, 22, 44
global funding mechanism, 41
global governance, 1, 2, 4, 5, 6, 21, 37, 38, 39, 44, 46, 47, 48, 50, 62, 63
 and civil society, 1, 2, 4, 5, 6, 21, 37, 38, 39, 44, 46, 47, 48, 50, 62, 63
Global Reporting Initiative (GRI), 22
good governance, 44
google, 24
 and Chinese filters on google content, 24
Grid, 15, 61

H

hackers, 25, 30, 33, 46, 56
Hacktivism, 3, 56, 59, 60
Hacktivismo, 46
hacktivists, 14, 46, 56
hardware, 4, 5, 7, 15, 30, 32, 46
 cost of, 5
Human Development Report, 40
Human Rights, 33, 65

I

ICANN (Internet Corporation for Assigned Names and Numbers), 5, 14, 15, 32, 39, 42, 60, 62
and the UDRP (Uniform Domain Name Dispute Resolution Policy), 14, 60
ICT infrastructure, 30
IETF, 5
illiteracy, 3, 15
India, 14, 15, 59
Indonesia, 9
industry self-regulation, 25
infiltration, 26
InfoCom, 30
InfoDev, 23
infowar, 30
infrastructure, 3, 4, 7, 8, 9, 10, 32, 36, 40, 41, 46, 50, 51
institutional transparency, 5, 44
Intellectual Property Alliance, 44
intellectual property rights, 15, 16, 17, 18, 35, 42, 43, 50, 52
intelligence agencies, 26, 30, 33
interception, 12, 60
interference, 12, 45
International Amateur Radio Union, 39
International Association of Media and Communication Research (IAMCR), 54
International Federation of Journalists (IFJ), 54
International Federation of Library Associations and Institutions (IFLA), 54
International Monetary Fund (IMF), 9, 10, 21, 26, 33, 37
International Telecommunications Union (ITU), 4, 8, 9, 10, 11, 14, 21, 32, 37, 39, 40, 41, 61, 63
Internet dissidents, 31
jailing of, 31
Internet Protocol, 14
and IPV4, 14
IPV6, 14, 15, 35, 42
investment, 9, 10, 11, 18, 40, 48
Iraq, 19, 30, 33, 56
and US invasion of, 19, 30, 33, 56
Iraq war, 19, 30, 33, 56
Ireland, 13, 23, 55
ISP (Internet Service Provider), 4, 5, 7, 12, 13, 14, 15, 24, 25, 27, 28, 29, 30, 32, 34, 35, 36, 41, 56
Italy, 49

J

Jenin, 30
Jubilee 2000, 4
Jubilee Campaign, 54

K

Korean Confederation of Trade Unions (KCTU), 55

L

language, 3, 7, 20, 23
and English dominance, 8, 23, 41
language
and minority languages, 8, 23
law enforcement, 25, 26, 27, 28
leased lines, 11, 14, 35
legal threat, 6
libel, 5, 21
libel law, 5
liberalisation, 5, 9, 10, 32, 34, 40, 51
licenses, 11, 43
literacy, 4
Liverpool longshoremen, 55
local calls, 9, 11
local language, 5, 17
long-distance, 8, 9, 13

M

M15, 27
Maitland Commission, 40
Malaysia, 29, 30, 55, 58, 61
marijuana legalization, 24
market, 11, 13, 23, 37
market entry, 11
MCI/Worldcom, 25
McSpotlight, 21
MediaChannel, 55
mergers, 9
Mickey Mouse, 18
Microsoft, 15, 16, 30, 32, 35, 42, 64, 65
middle class, 9, 10
military, 1, 12, 23, 27, 30, 33, 36, 46, 50
military software, 30, 46
mirror sites, 24, 33
mobile phones, 9
monopoly bandwidth providers, 25
Mozambique, 13
multiplier effect, 3
Myanmar, 30, 58

N

NAFTA, 5
national supplier, 8
National Technical Assistance Centre (NTAC), 27
NATO, 23
Nazi memorabilia, 24
network infrastructure, 7, 8, 9, 13, 30, 34
networking capacity, 2, 6, 48, 51

New International Economic Order, 21
NGO, 3, 14, 21, 34, 37, 38, 39, 41, 46
ngowatch.org, 37
non-profit, 13, 30, 40, 41, 51

O

Oakland Police Department, 29
OECD, 5, 9, 62
Office of Homeland Security, 30
One World Trust, 21, 22
OneWorld International, 3, 55, 63
online dissident, 31
online dissidents, 6
Open Source, 15, 16, 32, 35, 42
open wireless, 12
OSI, 3
Oxfam, 54

P

Pacifica Radio, 30
Pakistan, 13, 34, 63
PanAsia network, 23
patent, 15, 17, 32
peer-to-peer, 41, 42, 51, 55
Pentagon, 26, 30, 64, 65
phone lines, 3
piracy, 16, 17
Planned Parenthood, 30
poor countries, 14
pornography, 24, 25
privacy, 14, 17, 27, 28, 42, 45, 46, 56, 59, 60
Privacy International, 22, 24, 58, 63
privatisation, 9, 10, 34, 51
professional associations, 5, 39
prosecution, 6
proxy filters, 24
PTOs, 9
Public Domain, 7, 16, 58, 64
public good, 12, 22
public investment, 51
public libraries, 24
Pulsar News Agency, 55

R

radio, 9, 11, 12, 15, 17, 32, 39, 40, 41, 56
radio spectrum, 11, 12, 32, 41
 commercialisation of, 35
Reclaim the Streets, 26
regulation, 8, 14, 19, 32, 33, 35, 49, 59
regulator, 11
repertoire of electronic contention
 disruptive, 36
 violent, 56
representation, 3, 38

repression, 6, 8, 29, 33, 36, 48
research, 1, 3, 5, 6, 7, 17, 18, 19, 21, 32, 35, 43,
 47, 48, 51, 52, 53
rural areas, 3, 5, 8, 11, 12, 32, 34, 40, 51

S

satellite, 8, 9, 11, 12, 13, 27, 40, 41, 56
SDNP (Sustainable Development Networking
 Programme), 13
SDNPs (Sustainable Development Networking
 Projects), 54
seizure, 6, 30
self-regulation, 25, 52, 53
settlement mechanism, 9
short-wave, 12
Simputer, 15, 32
Singapore, 24, 29, 36, 62
site defacement, 30
site parodies, 56
smart radio, 12
SMS, 56
Social Movements, 62, 64
software, 3, 4, 5, 7, 15, 16, 17, 24, 27, 30, 32, 33,
 35, 46, 56
Somalia, 30, 58
 US Shutdown of Somali internet, 30, 58
South-North subsidy, 14
spectrum, 4, 9, 11, 12, 21, 35, 39, 40, 41, 43, 51,
 53
 and allocation policy, 11
 and auction of, 11
 as global commons, 40
spread spectrum, 12, 41, 50, 51
standards, 9, 12, 14, 15, 21, 22, 32, 40
stock market, 10
Sun Microsystems, 24
suppression of networking, 24, 29, 30
surveillance, 5, 8, 14, 15, 24, 26, 27, 28, 29, 30,
 33, 36, 45, 46, 48, 49, 50, 52, 59, 64
 by intelligence agencies, 26, 30, 33
 by law enforcement, 25, 26, 27, 28
Sustainable Development, 13, 34, 54, 63
Sweden, 25

T

tactical media, 55, 56
tariffs, 8, 9, 11, 13
 cost-based, 9, 11
 cross, 24
TCSOs, 2, 3, 4, 5, 6, 7, 8, 14, 17, 19, 20, 23, 24,
 26, 27, 28, 29, 30, 31, 32, 33, 34, 36, 38, 40, 42,
 43, 44, 45, 46, 47, 48, 50, 51, 54, 55, 56
technical skills, 3
technical standards, 15

telecentres, 11, 60
telecommunications boom, 10
terrorist, 27, 28, 29
Terrorist Information Awareness, 27, 33, 36
Thailand, 49
Third World Network, 21
Tiananmen Square, 31
TNCs, 20, 24, 32, 33, 35, 40, 55
Total Information Awareness, 27
Transnational Advocacy Networks, 54
transparency, 14, 21, 22, 35, 38, 39, 40, 44, 48, 50, 52
Transparency International, 44
TRIPS, 15, 16, 17, 18, 20, 32, 35, 43, 44, 64
Tunisia, 24, 30, 31
Turkey, 9, 10

U

Uganda, 4
ultrawideband, 12
UN Centre on Transnational Corporations (CTC), 21, 58
UN Charter, 38
 Article 17, 38
 Article 19, 33
UN Commission on Transnational Corporations, 21
UN Economic and Social Council (ECOSOC), 21, 37, 38, 54, 59
UN General Assembly, 37, 64, 65
UN system, 4, 21, 37
 and NGOs, 39
UNCTAD, 17, 18, 39, 63
UNDP (United Nations Development Programme / Project), 13, 16, 32, 34, 40, 42, 54, 63
United Kingdom, 9, 15, 16, 17, 18, 19, 20, 22, 27, 29, 33, 49, 58, 59, 60, 63, 64
United Nations (UN), 4, 13, 18, 21, 22, 30, 33, 36, 37, 38, 39, 40, 41, 42, 44, 53, 54, 58, 61, 64, 65
United Nations Educational, Scientific, and Cultural Organization (UNESCO), 4, 19, 39, 40, 65
United Nations Environment Programme (UNEP), 22
universal access policy, 10
universal service, 9, 10, 11, 35, 40, 51
Uruguay, 10, 17, 43
Uruguay Round, 17

US Congress, 18, 28, 59
US Digital Millennium Copyright Act of 1998 (DMCA), 33
US unilateralism, 37
USA, 26, 27, 28, 29, 36
 and FOIA restrictions, 26, 27, 28, 29, 36
USA Patriot Act, 26, 27, 28, 29, 36
utopia, 2

V

video, 15, 41, 55, 56
Vietnam, 31
 and jailing of Pham Hong Son, 31
violent content, 25
virus attacks, 30
VITASat, 13
voice telephony, 11

W

Washington Consensus, 37
WHOIS database, 28, 29, 60
wholesale bandwidth, 25
WiFi, 12, 40, 41, 50, 51
Windows, 35
WIPO (World Intellectual Property Organization), 4, 16, 17, 18, 19, 20, 32, 37, 39, 42, 43, 65
wireless, 11, 12, 35, 40
word processing, 7
World Bank, 9, 10, 23, 26, 37, 62
World Commission on Culture and Development, 40, 65
World Summit on the Information Society (WSIS), 10, 16, 42, 59, 65
World Trade Organization (WTO), 5, 9, 10, 11, 13, 17, 18, 21, 26, 32, 33, 35, 37, 39, 43, 44, 48
WSIS, 10, 16, 42, 59, 65
WTO
 arbitration mechanisms, 11, 21

X

Xinjiang independence movement, 31

Z

Zimbabwe, 22