

INDEX

A

- Aa Gym, 160
Abdurrahman Wahid, 171, 173–74
Abraham, J., 101
Accenture, 4
Adams, M. D., 91
adat, 173
Africa, 139, 147
Aghion, Philippe, 126
agriculture, 125
Ahmadiyya mosques, 168
air pollution, 127
Al-Qur'an, 163
All-Indonesian Association of
 Islamic Intellectuals (ICMI),
 170
Amazon, 120
American College of Medical
 Genetics, 94
American Economic Association,
 150n1
American Economic Review, 150n1
Amgen, 94
Amien Rais, 171, 177
Anderson, Dennis, 151n11
Anderson, J. F., 132
Angell, M., 97–98
Anger, Niels, 145
Angkor, 13
Ariad Pharmaceuticals, 93–94
Aristotle, 37
Arrhenius, Svante, 150n2
Asia. *See also* Emerging Asia
 ancient civilisations, 2, 13
 biotech sector, 80, 84
 challenges to knowledge
 economies, 7–10, 14
 expansion of education, 156
 human rights and free speech,
 31, 46
 illicit trade in organs, 87
 patriarchal societies, 51, 157
 political power in, 157–58
 poverty alleviation, 15
 relations with West, 12–13,
 31–32
 religion and society, 23–26,
 156–66, 183–85

- shift of global power to, 12–13, 15, 58–59, 61, 64
 urbanization, 23, 160, 163, 169
 Asian Financial Crisis (AFC), 15, 31, 57, 61
 Asian values, 21–22, 35, 42–52
 Association of University Technology Managers, 86
 Augustine, Saint, 38
 Australia, 137, 139, 148
 automotive industry, 132
 Axis powers, 40
- B**
- Bahasa Indonesia, 163
 Bali, 136–38, 148, 166, 168
 Baltimore, David, 94
 Bandung, 178
 Bangkok, 161
 Bangkok Declaration, 21, 44–47
 Bangladesh, 77n1
 Barnes, Julian, 184
 Bayh-Dole Amendments, 85–86
 Beijing, 22, 53, 157
 Beijing University, 3
 Bengali language, 163
 Bentham, Jeremy, 37
 biodiversity, 123–24, 127
 bioeconomy, 79, 83–84, 101
 biomedical research, 6, 16–17, 83, 85, 87
 biomedicine, 83–84, 88, 92, 101–02
- BIONET, 81
 Biopolis, 80, 103n3
 biotechnology industry, 17, 19, 79, 84, 87, 90
 BJP (Bharatiya Janata Party), 167
 Blair, Tony, 91
 Body of Christ, 161
 Bonn, 144
 border taxes, 132
 Boyle, James, 85, 92, 101–02
 Brown, Gordon, 137
 Buddhism, 159–61, 166, 184
 Burke, Edmund, 37
 Burma, 157, 185
 business process outsourcing (BPO), 3–4
- C**
- California, 137
 Cambodia, 13, 77n1, 157
 Canada, 73, 74f, 75, 84, 94, 139
 Cao Dai, 160
 capital, 67, 69–71
 capitalism, 40
 carbon cycle, 112, 118, 120, 125
 carbon dioxide, 112
 carbon dioxide equivalents (CO₂e), 117
 carbon emissions. *See* greenhouse gas (GHG) emissions
 carbon neutrality, 137
 carbon pricing
 marginal abatement cost (MAC), 116, 124–27

- marginal GHG damages, 116
- mechanisms, 129–33
- policy focus, 29, 115, 128
- reduction targets and, 117
- carbon sinks, 120
- carbon taxation, 129–30, 132–33
- carbon trading, 129–32, 136, 142–46, 148
- Cassels, A., 97
- Catholic Church, 37–38, 159–62
- Caulfield, T., 95
- CCS (carbon capture and storage), 132, 138, 143t, 144, 146
- Cebu, 160
- Celera Genomics, 90–91
- cell lines, 88
- Central Electricity Generation Board (UK), 151n7
- Central Sulawesi, 168, 181
- Chakrabarty, Ananda, 89
- Chen Shaohua, 77
- China
 - ancient achievements, 2, 13
 - biomedical sector, 81
 - Communist Party, 53, 157
 - contribution to global economy, 15, 62
 - economic growth, 1, 3, 12, 61, 69, 71
 - education, 2–3, 16, 64
 - gene patenting and, 93
 - greenhouse gas emissions, 31, 119, 139
 - high-tech sector, 4
 - human rights, 22
 - in Emerging Asia, 77n1
 - internal security, 9
 - manufacturing sector, 4
 - political protests against, 9, 22–23, 53
 - poverty alleviation, 15, 65–66, 76
 - public perceptions in, 148
 - religion in, 24, 158–60, 166, 184
 - science and technology, 2
- Chinese diaspora, 160
- Chinese language, 4–5, 9
- Cho, M. K., 95
- Christian Democrats, 180
- Christianity, 160–61, 166, 168, 184
- Cicero, 37
- Clean Development Mechanism (CDM), 144
- climate change. *See also*
 - greenhouse gas (GHG) emissions; greenhouse gases (GHG)
 - adaptation, 147
 - consequences, 26, 28, 111–13, 120–21
 - economic policy and, 27–28
 - global nature, 29, 135
 - modelling, 118–22, 150n3
 - projections, 30–31
 - rates, 113

- scientific evidence, 113, 123–24
 shared knowledge and, 26, 29, 135
 time lags, 113
 under business-as-usual, 113, 150n4
 climate change economics. *See also* carbon pricing
 cost-benefit analyses, 111, 117, 123, 127, 132–34, 145
 importance, 148
 knowledge and, 115, 122, 133
 modelling, 116–17
 price and quantity tools, 115, 129
 risk analysis, 111, 113–24, 149–50
 climate change policy
 criteria, 135–36, 138, 147, 149
 equity issues, 111, 114, 116, 125, 130–31, 136–47, 151n9
 financing, 142–43, 145
 incentive structure, 127, 134
 international, 29–31, 114, 128, 130–32, 135–37, 141–47
 public and, 115, 128, 134, 136, 148
 ramp, 122, 127
 regulations and standards, 129, 132
 resistance from industry, 132
 stock targets vs. pricing, 115
 technology and, 28, 128–29, 133–36, 143–44, 146
 tradable quotas, 130–31
 urgency, 127–28, 149–50
 climate history, 120–21
 climate sensitivity, 112–13, 118
 Clinton, Bill, 91
 coal, 129, 132, 143t, 146
 Cold War, 180
 Communist Asia, 24, 53, 158
 Computable General Equilibrium Models (CGMs), 116
 conflicts, 121
 Congress Party (India), 167
 Copernicus, 2
 Costa Rica, 137
 Council of Indonesian Islamic Scholars, 173–74
 Crisologo, Vincent “Bingbong”, 161

D
 Darwin, Charles, 35
 Davao, 160
 Davies, S. M., 96
 Davis, P. K., 92
 Declaration of the Rights of Man and of the Citizen, 37, 39
 Dédé Oetomo, 177
 deforestation
 combatting, 126–27
 policy on, 128, 136, 143t, 148
 share of emissions, 125, 145

- Delanty, Gerard, 32n1
- Demaine, L. T., 88
- democracy, 52–54, 128
- Democratic Party (Partai Demokrat), 177
- Denmark, 81–82
- Department of Environment, Food and Rural Affairs (DEFRA), 151n10
- Diamond vs. Chakrabarty, 89
diniyah, 169
- DNA sequencing, 88, 90–92, 95
- drug licensing, 98
- drug patents, 94, 97
- drug trials, 98–101
- E**
- East Asian Tiger economies, 58, 61, 69, 72. *See also* Asia; Emerging Asia
- economic growth, 67–72, 76–77
- Edinburgh patent, 90
- education, 2–3, 72–76, 156, 169
- Egypt, 178, 180
- El Shaddai, 160–62
- electricity generation, 125–26, 130, 133, 146
- Eli Lilly & Company, 94
- Elliot, C., 97
- Emerging Asia
- Asian financial crisis and, 61
 - definition, 77n1
 - economic importance, 15–16, 58, 60–61
 - educational achievement, 72–76
 - LSE student body and, 63–64
 - poverty alleviation, 15, 64–66
 - sources of growth, 67–72
- Enbrel, 94
- energy access, 127
- energy efficiency, 28, 125–26, 128
- energy security, 127
- England, 37, 121
- English language, 4–6, 9
- Enkvist, Per-Anders, 145
- Enlightenment, 2, 35, 38, 42
- Eocene, 121
- EPA (Environmental Protection Agency), 132
- Epictetus, 37
- Ernst & Young, 84
- Estonia, 75
- Euro-Communists, 180
- Europe
- biotech sector, 84, 93
 - carbon emissions, 139
 - history of science, 82–83
 - illicit trade in organs, 87
 - knowledge-based bioeconomy, 81
 - patent system, 89
 - religion and politics, 180
- European Convention on Human Rights and Fundamental Freedoms, 40
- European Patent Office (EPO), 89–90, 95

- European Spring Council, 138
- European Union Emissions Trading Scheme (EUETS), 130–31, 144
- expressed sequence tags (ESTs), 90
- F**
- Falun Gong, 160
- Fankhauser, Samuel, 127
- fatwa*, 163, 173–74
- Fellmeth, A. X., 88
- Finland, 73–76
- Fitna, 8, 26
- Foucault, Michel, 13–14, 19–20
- Fourier, Joseph, 150n2
- Fourth Assessment Report of IPCC, 113, 119
- FPI (Front Pembela Islam), 25, 168, 180, 182
- France, 37, 73–75f, 95, 137
- free speech
 - democracy and, 52–54
 - human rights and, 16, 21, 39, 41–42
 - in Asia, 31
 - knowledge and, 19, 34
 - limits on, 22, 54
 - political autonomy and, 35
 - religion and, 35
- Friedman, Thomas L., 69
- Front for the Defenders of Islam, 25, 168, 180, 182
- Front Pembela Islam (FPI), 25, 168, 180, 182
- Fujian province, 158
- G**
- G7 economies, 15–16, 60, 63, 67–70, 77n1
- G8 Gleneagles summit, 30, 143t, 147
- G8-G5 summit, 136
- Galileo, 2
- Garnaut Review, 137–38
- Gaza Strip, 180
- Gearty, Conor, 16, 19–22
- gender, 43, 174–75
- gene patenting
- concerns, 18, 88, 92–97
 - creating monopolies, 86
 - debate in USA, 90
 - disease and, 93–95
 - guidelines, 91
- general circulation models (GCMs), 118–19
- genetic engineering, 90
- genomics, 88, 93, 95–96
- Germany, 54, 73–75f, 136, 138
- Gleneagles summit, 30, 143t, 147
- global climate models (GCMs), 118–19
- global economy
- biomedical sector, 84, 93
 - climate change and, 117, 125–26
 - contribution of Emerging Asia, 60–61
 - growth, 125–26
 - underperformance, 59–60
- Global North, 36–38, 40, 42, 45, 51, 53

- global warming, 112–13, 118–19.
 See also climate change
- globalization, 9–10
- Goh Keng Swee, 1
- Gold, E. R., 88
- Goldstein, D. B., 96
- GOLKAR, 25, 181–83
- Google, 4
- Gottweis, H., 81
- greenhouse effect, 113
- greenhouse gas (GHG) emissions
- across sectors, 125, 144
 - as externalities, 111, 114, 127, 129, 133
 - country by country, 31, 119, 139
 - flow targets, 116
 - global per capita, 138
 - Heiligendamm targets for, 30, 136–37, 142t
 - history of flows, 138, 141, 147
 - link to warming, 112, 114, 118
 - measurement, 129
 - reduction targets, 115, 131, 137–38
 - sources, 112
 - stabilization targets, 114–17, 123–25, 138
 - under business-as-usual, 120, 124–25, 139, 144, 146
- greenhouse gas (GHG) stocks
- as externalities, 27
 - positive feedbacks, 120
 - role in climate change, 112, 114–15, 118
 - stabilizing, 123–24, 140
- greenhouse gases (GHG), 112–13, 119–20, 137
- ## H
- Habibie, B. J., 170–71, 180
- Hadley Centre, 119, 122
- halaqah*, 169
- Hanoi, 157
- Harvard University, 89, 93
- Hassan Al-Banna, 178
- Healy, D., 97
- Heath, D., 93
- Heiligendamm emissions targets, 30, 136–37, 142t
- Henry, C., 115
- HFCs (hydrofluorocarbons), 112
- Hidayat Nur Wahid, 177–78
- Himalayas, 121
- Hinduism, 160–61, 164, 166–67, 184
- Hindutva, 167
- Hirschhorn, J. N., 96
- Hoa Hao, 160
- Hobbes, Thomas, 37
- Holland, 8, 26
- Holmes, Oliver Wendell, 35
- homosexuality, 176–77
- Hong Kong, 61, 69, 73–76, 77n1
- Hsieh Chang-tai, 77n2
- Hu Jintao, 157
- Huawei, 4
- Human Genome Project, 88, 90–92
- human life, 121
- human resources, 7–8

- human rights
 abuse of concept, 36, 50
 American power and, 21, 40
 Asian values and, 21–22, 35, 42–52
 China and, 22, 53
 free speech and, 16, 20
 fundamental principles, 41–42, 48–50
 gender and, 43–44, 51
 intellectual property and, 102
 international law, 39, 41, 46
 philosophy of, 37–38
 reformulation, 40
 universality of, 20–22, 34–37, 40–42, 52–55
 Western origins, 36–40, 47
 Western statehood and, 38
- Hwang Woo-Suk, 81, 84
- I**
- IAIN (Institut Agama Islam Negeri), 169, 177
- ICMI (All-Indonesian Association of Islamic Intellectuals), 170
- IEA (International Energy Agency), 126
- Iloilo, 160
- India
 ancient achievements, 2, 13
 business process outsourcing (BPO), 3–4
 contribution to global economy, 15, 62
 corruption, 157
 economic growth, 1, 3, 12, 61, 69, 71
 education, 2–3, 16, 64
 gene patenting and, 93
 greenhouse gas emissions, 31, 139
 high-tech sector, 4
 Hinduism in, 161, 164, 167
 in Emerging Asia, 77n1
 poverty alleviation, 65–66
 public perceptions in, 148
 religious violence, 166–67
 science and technology, 2
- Indian Institute of Technology (IIT), 3
- Indonesia
 Constitution, 171, 179
 corruption, 157
 economy, 61
 globalized terrorism in, 168
 greenhouse gas emissions, 31
 homosexuality in, 176–77
 in Emerging Asia, 77n1
 Islam in, 161, 163, 166–83
 local politics, 180–82
 New Order Government, 172
 non-Muslims in, 168, 171, 179, 181
 religion and politics in, 23–26, 160, 167–83
 violence, 166, 168, 181, 183
 women in, 174–76, 179, 181
- Indonesian Democratic Party of Struggle (PDI-P), 25, 171, 181–83

- Industrial Revolution, 2, 13
Information Age, 157
information and
 communications technology (ICT), 16, 23, 26, 31, 67–70, 72
information economy. *See* knowledge economies
Infosys, 4
Institut Agama Islam Negeri (IAIN), 169, 177
Institut Curie, 95
Institute of Technical Education (Singapore), 5
intellectual property rights
 effects on knowledge, 18, 87, 104n7
 gene patenting and, 93
 private capital and, 85
 public good and, 101–02, 104n7
 respect for, 7
International Covenant on Civil and Political Rights, 39
International Covenant on Economic, Social and Cultural Rights, 39
Internet, 6, 8–9, 92, 126, 156
IPCC (International Panel on Climate Change), 113, 119
Islam
 ancient civilisation, 13
 education, 169
 gender and, 174–77, 181
 in Indonesia, 24–25, 167–83
 in southern Thailand, 167
 Internet and, 163
 militant, 162
 mysticism in, 163–64, 172
 new definitions, 160, 162, 166, 170, 173–75
 terrorism and, 166, 183
Islamabad, 166
IT (information technology), 7
Italy, 73–75f

J
Jakarta, 160, 168, 172, 175, 177–78, 181
Japan, 15, 60, 67, 73, 74f, 75, 139, 157
Jaringan Islam Liberal (JIL), 174
Java, 13
jihād, 168
JIL (Jaringan Islam Liberal), 174
Jordan, B., 95
Jorgensen, Dale, 69, 77n2

K
Kant, Immanuel, 38, 41
Kass, Leon, 87
Kay, L. E., 84
Kelley, J. J., 92
Kendall, T., 98
Kennedy, D., 85
knowledge. *See also* scientific knowledge
 ancient civilisations, 2, 13
 authority and, 34, 158, 164
 commercialisation, 16, 19, 81

- control, 23–26, 174, 183–84
 economic driver, as, 14–16
 education and, 72–76
 human rights and, 16
 Orientalist approach, 14
 power and, 14, 20, 38, 156–58, 169, 173, 185
 protection, 16–19, 83, 87, 105n7
 religion and, 23–26, 158, 160–61, 163, 165–66
 sharing, 26–31, 82, 86, 135
 social construction, 13–14, 19, 35, 40, 84, 102, 184
 technology and, 67, 72, 133
 trust and, 82, 100, 102–03, 136
 uncertainty and, 115
- knowledge economies
 challenges, 7–10
 conditions for growing, 3, 6–7, 10, 12
 definition, 32n1
 economic growth and, 1
 human resources and, 7–8
 in Asia, 1–5, 7–10, 14
 in Singapore, 5–7
- knowledge society. *See*
 knowledge economies
- Krugman, Paul, 58
kyai, 25, 172
 Kyoto Protocol, 119, 137, 144
- L**
- labour, 7–8, 67–70
 Lakoff, A., 101
 land use, 125
 Lander, E. S., 91
 Laos, 157
 Laskar Jihad, 168
 Latour, B., 83
 LDP (Liberal Democratic Party, Japan), 157
 Lee Hsien Loong, 12–13, 15, 17, 22, 26, 31
 Lee Kuan Yew, 44
 Lenovo, 4
 Liberal Islam Network, 174
 life expectancy, 127
 Linton, L. M., 91
 literacy, 163
 Locke, John, 37, 50
 Lockean principle of property rights, 88
 London, U.K., 3, 121
 Loved Flock, The, 161
 low-carbon technology, 134
 LSE (London School of Economics), 1, 62–64, 81
 LSE Asia Forum 2008, 1, 12, 14, 156
- M**
- Macau-China, 73
 MacLeod, C., 83
madrasas, 164

- Magna Carta, 37
- Mahathir bin Mohamad, 44
- Mahbubani, Kishore, 12, 32
- Majelis Permusyawaratan Rakyat (MPR), 177
- Majelis Ulama Indonesia (MUI), 173–74
- Makassar, 160
- Malay language, 4, 163
- Malaysia, 4, 44, 77n1, 157, 166
- Maluku, 168, 181
- Manila, 160, 162
- Manolio, T. A., 96
- marginal abatement costs (MAC), 116, 124–27
- Marx, Karl, 37
- McCain, John, 138
- McGoey, L., 98–99
- McGuire, A. L., 95
- McKinsey cost curve, 145, 151n11
- medicine, 85
- Medicines and Healthcare Regulatory Authority (MHRA), 98, 100
- Megawati Soekarnoputri, 171
- Meinshausen, M., 119
- Mendelsohn, Robert, 122
- methane, 112, 120
- Mexico, 93
- Middle East, 178
- Mill, John Stuart, 128
- Millennium Development Goals, 147
- Ministry for the Empowerment of Women, 176
- MIT (Massachusetts Institute of Technology), 3, 93
- Monte Carlo estimates, 119, 122
- Monterrey commitment, 30, 143t, 147
- Moore, John, 88
- Morocco, 178
- motor industry, 132
- Moynihan, R., 97
- MPR (Majelis Permusyawaratan Rakyat), 177
- Muhammadiyah, 161–62, 169, 171, 176–77
- MUI (Majelis Ulama Indonesia), 173–74
- Murrow, Edward R., 82–83
- Muslim Brotherhood, 178
- Muslims, 8, 26, 160–61, 170–71, 175, 184
- Myers, Erin C., 145
- Myriad Genetics, 94
- N**
- Nahdlatul Ulama, 161–62, 169, 171, 173, 176
- National Awakening Party (PKB), 171
- National Coal Board (UK), 151n7
- National Institute of Health, 100
- National Mandate Party (PAN), 171, 177

- Nature* (journal), 91, 94
 Needham, Joseph, 2
 Needham, Roger, 86
 Nepal, 77n1
 Nepstad, Daniel, 145
 Netherlands, 76
 New Orleans, 150n1
 New York, 121
New York Times, 94
 New Zealand, 73, 75, 137
 Newton, Isaac, 2
 nitrous oxide, 112
 non-governmental organizations
 (NGO), 47
 Nordhaus, William D., 122
 North Korea, 157
 North Maluku, 168, 181
 Norway, 137
 Novartis, 100
 Novas, C., 81, 97
 nuclear power, 133
- O**
- Obama, Barack, 138
 oceans, 120
 OECD (Organization for
 Economic Cooperation and
 Development), 72–76, 147
 Olympic torch protest, 8–9, 22,
 53
 OncoMouse, 89
 Ong Dia, 159
 Ong, A., 79
 organ trades, 85, 87
- Orosa, Ramon, 161
 overseas Chinese, 160
 Overseas Development
 Assistance (ODA), 30, 143t,
 145, 147
- P**
- Pakistan, 77n1, 157, 163, 178, 180
 PAN (National Mandate Party),
 171, 177
Pancasila, 171
 Partai Amanat Nasional, 171
 Partai Demokrasi Indonesia —
 Perjuangan (PDI-P), 25, 171,
 181–83
 Partai Demokrat, 177
 Partai Keadilan Sejahtera (PKS),
 177–78, 179–80, 182
 patents. *See also* gene patenting;
 intellectual property rights
 anti-commons nature, 17–18,
 93–94, 105n7
 as compensation, 17, 83, 98,
 135
 on drugs, 97
 on life, 88–92, 105n13
 on tests, 94–95
 requirements, 91
 rush to translation, 96–97
 scientific research and, 85–87
 Paul, Saint, 37–38
 PDI-P (Partai Demokrasi
 Indonesia — Perjuangan),
 25, 171, 181–83

- Pearson, T. A., 96
pengajian, 164, 169
- People's Action Party (PAP), 157
- People's Consultative Assembly, 177
- petroleum products, 129
- Petryna, A., 101
- pharmaceutical corporations, 18–19, 93–94, 96–101
- pharmacogenomics, 96
- Philippines, 77n1, 157, 161–62, 167
- Phnom Penh, 157
- photovoltaics, 134
- PISA (Programme for International Student Assessment), 72–76, 77n3
- PKB (National Awakening Party), 171
- PKS (Partai Keadilan Sejahtera), 25, 177–80, 182
- Plato, 37
- Playboy magazine, 174
- Plotinus, 37
- population, 138–39
- Poso, 181
- post-modernism, 13–14, 35, 41–42
- poverty alleviation, 64–66, 69, 76, 102
- power generation, 125–26, 130, 133, 146
- property rights, 88
- Prosperous Justice Party, 25, 177–80, 182
- Protestantism, 160, 162, 168, 171
- public health, 98–99, 101–02
- public-private collaboration, 134
- Pyongyang, 157
- Q**
- qigong*, 160
- Quah, Danny, 15–16
- Quan Am, 159
- Qur'an, 163
- R**
- Rangoon, 185
- Rapp, R., 93
- Ravallion, Martin, 77
- Ready, T., 94
- recombinant DNA technology, 89
- religion
- democratization of, 23, 25–26, 158–66, 168, 184–85
 - gender and, 174–76, 181
 - mass media and, 160–64, 173
 - popular, 165
 - violence and, 166–68, 181
- Relman, A. S., 98
- renewable energy, 132, 138
- research and development, 6, 17, 79, 134, 151n7
- Rheinberger, H.-J., 84
- Richard Ely Lecture, 150n1
- Rose, Nikolas, 16–19, 81, 84
- Rousseau, Jean-Jacques, 37, 50

- Roy, Olivier, 163
 Royal Society of London, 86
 Rudd, Kevin, 137
- S**
- Said, Edward, 14, 32
 Salafism, 160–61
 Salk, Jonas, 82
sangha, 161–62
 Sathaye, Jayant, 145
 Scheper-Hughes, N., 85
Science (journal), 91
 scientific commons, 83, 85
 scientific knowledge
 as property, 83, 86
 compromised, 86, 93
 education, 2–3, 72–76
 nature of, 82–84
 public domain and, 83, 91–92,
 102
 Scott, R., 88
 Second World War, 38–40
 Shaanxi province, 158
 Shanmugaratnam, Tharman, 1
 Shapin, Steven, 82, 102
shari'a law, 162, 181–82
 Sharp, Phillip A., 94
 Sherwood, T., 132
 Sidel, John, 23–26
 Silicon Valley, 3
 Singapore
 “brain drain” and, 10
 Asian financial crisis, 58
 Asian identity, 7
 Asian values debate, 44
 biotech sector, 17, 79–80
 citizens abroad, 1, 10
 East Asian Tiger, 61
 economic growth, 69–70, 72
 Economic Review Committee,
 58
 education in, 5, 8, 77n3
 English language in, 6
 global links vs. national
 priorities, 6, 10–11
 in Emerging Asia, 77n1
 knowledge economy, 5–7, 11
 PAP government, 157
 research and development in,
 6, 17, 79
 societal ethos, 6–7
 Smith, Adam, 35
 Smith, J.S., 82
 socialism, 40
 Soeharto, 168–70, 172, 176
 South Korea, 61, 69, 73–76,
 77n1, 84
 South Sulawesi, 181–82
 Southeast Asia, 4–5, 13
 Sri Lanka, 77n1
 Srivijaya, 13
 Stainforth, D., 122
 State Islamic Institute (IAIN),
 169, 177
 Stehr, Nico, 32
 stem cells, 90
 Stern Review, 26, 117–19, 124–
 25, 147

- Stern, Nicholas, 26–31, 115,
118–19, 125, 128, 137
- Sufism, 160–61, 163, 172
- Sulawesi, 168, 181
- Sulston, John, 90
- Surabaya, 160
- Susilo Bambang Yudhoyono,
171, 177–78
- T**
- Taiwan, 61, 69, 72, 74–76, 77n1,
157, 159
- Tangerang, 181
- tarekat*, 163–64
- Tata, 4
- Tate, S. K., 96
- Taussig, K. S., 93
- taxation, 129–30, 133
- Taylor, Charles, 185
- technology
climate change and, 115, 128,
133, 135, 143–44
economic growth and, 67, 72,
77
patents and, 89–90
religion and, 160, 173
terrorism, 8, 35
- Tet, 159
- Thailand, 57, 61, 73–75f, 77n1,
157, 161, 167
- Than Tai, 159
- Theravada Buddhism, 161
- Thomas Aquinas, Saint, 37–38
- Tibetans, 9, 23, 53
- total factor productivity (TFP),
67–72
- trade policy, 116–17, 131
- transgenic organisms, 89
- translational medicine, 17, 80
- transport, 125–26
- Triendl, R., 81
- Triggle, D. J., 94, 98
- Tripp, Charles, 175
- Tsinghua University, 157
- Turkey, 178, 180
- Tyndall, John, 150n2
- U**
- UMNO (United Malays National
Organization), 157
- UN Financing for Development,
147
- UNDP (United Nations
Development Program), 147
- UNESCO, 88, 105n8
- UNFCCC (United Nations
Framework Convention on
Climate Change), 136
- United Kingdom
biomedical research, 90
drug licensing, 98–99
educational achievement, 73–75f
emissions targets, 137
privatization, 151n7
universities in, 3, 63
- United Nations, 40, 47, 105n8
- United States of America
biotech sector, 84, 86, 93–94

- contribution to global
 economy, 15, 62
 credit crisis, 57
 Declaration of Independence,
 37
 drug licensing, 98
 educational achievement, 73–
 75f
 global warming and, 138–39, 148
 human rights and, 37, 54
 intellectual property rights, 85
 patent law, 88–89, 91–92
 trade in body parts, 87–88
 universities in, 3
 Universal Declaration of Human
 Rights, 39–40
 universities, 3, 63, 82–83, 85,
 99–100, 102
 University of California Berkeley,
 100
 urbanization, 23, 160, 163, 169
 Urdu, 163
 U.S. Board of Patent Appeals and
 Interferences, 89
 U.S. Food and Drug
 Administration (FDA), 98,
 100
 U.S. Patent Office, 91
 U.S. Supreme Court, 89
- V**
- VAT (value-added tax), 132
- Velarde, “Brother Mike”, 162
 Venter, Craig, 90–91
 Vienna Declaration, 43–44
 Vientiane, 157
 Vietnam, 4, 24, 77n1, 157–60,
 165–66, 184
 Vu, Khuong, 69, 77n2
- W**
- Wahid, Abdurrahman, 171, 173–
 74
 Wahlberg, A., 98
 Waquant, L., 85
 Weber, Max, 82
 Wellcome Trust, 90–91
 West Bank, 180
 West Java, 180
 West, the, 13, 20–21, 36–40. *See*
 also Europe; Global North
 Western Europe, 180
 Whitehead Institute, 93
 Whittington, C.J., 99
 wind energy, 132
 Wipro, 4
 World Conference on Human
 Rights, 21, 43
 worldliness concept, 32
 WTO (World Trade
 Organization), 136
- Y**
- Young, Alwyn, 58, 77n2