

Index

- accountability 46, 204, 217, 222–3
see also corporate accountability
- action plan on food price volatility and agriculture 4–5, 248
- African Charter on Human and Peoples' Rights 225
- African Commission on Human and Peoples' Rights 225
- African Court on Human and Peoples' Rights 223, 225
- African Union 44, 247
- Agreement on Agriculture 7, 10, 46, 49, 53–7, 59, 60, 64, 66–8, 72, 77–8, 82, 85–6, 88, 90, 151–4, 157, 163, 165, 191–2, 195–6
amending 10
base period 55
negotiation clause 78
preamble 68, 78, 192
see also World Trade Organization
- Agreement on the Application of Sanitary and Phytosanitary Measures of the WTO (SPS Agreement) 84, 90, 108, 202
- Agreement on Subsidies and Countervailing Measures (SCM Agreement) 194–6
- agricultural production 4–5, 9, 22, 51, 60, 63, 71–3, 83, 86–7, 89, 111, 117, 129, 137–8, 166, 195, 246–8, 258–9, 266, 271, 273, 280
- agricultural subsidies 10–11, 54–6, 64, 70–74, 87, 133, 151–2, 157–9, 161–4, 167, 265, 279–81, 286–8
see also domestic subsidies; subsidies
- agricultural system 70–71, 102, 106, 113, 132, 290
see also farming system
- agriculture, reinvestment in 152, 157
- agrifood governance 14, 275–7, 281, 284, 287–8
see also retail governance
- Alien Tort Claims Act 209
- Amartya Sen 49–50, 54–5, 235
- animal health standards 83
- Asia–Pacific Economic Cooperation (APEC) 193, 270
- Association of Southeast Asian Nations (ASEAN)
aims of 267
food security arrangements 257, 261, 267–70
- Bengal famine 99, 118
- biodiversity 9, 27, 31, 37, 52, 71, 83, 85, 87–8, 113, 115, 126, 134, 143, 192
- biofuels 25–6, 70–71, 86, 116, 131–2, 137, 169, 209, 212, 215–16, 242, 244
- biosecurity
infrastructure 108
quarantine and biosecurity policies 8, 105, 107, 108
surveillance and response protocols 8, 96, 107, 108, 110
- Cambodia 14, 258, 265–7, 271–2
Cambodian Nutrition Investment Plan (CNIP) 266
Strategic Framework for Food Security and Nutrition in Cambodia (SFFSN) 267
- Cartagena Protocol on Biosafety 84
- Cassava Mosaic Virus (CMV) 98, 99
- certification-based principles and standards 212

- climate change 4–5, 10, 20, 22–3, 27, 29, 72, 83, 95, 103–5, 110, 112–14, 116–17, 119, 121–2, 125–6, 128, 130, 131, 133, 137, 140, 145–6, 166, 193, 260, 270, 277, 279
- Cochliobolus Miyabeanus* 99
- code of conduct for responsible fisheries 195
- Codex Alimentarius Commission* 236, 285
- Colorado river 135
- Commission on Human Security 47, 48
- Commission on Sustainable Development 48
- Committee on Economic, Social and Cultural Rights (CESCR) 64, 75–7, 82, 164, 167, 235
- Committee on World Food Security (CFS) 212, 231–5, 237–9, 240–41, 247, 249–53
mandate 237–9
reform 237–41, 247
- commodity derivatives markets 5, 173, 184, 248
- commodity futures markets 86, 170–74, 178–80, 186, 188
- Commodity Futures Modernization Act 173
- Commodity Futures Trading Commission (CFTC) 173, 176, 178, 185–6
- commodity trading 242
- common heritage of mankind 85
- Comprehensive Framework for Action (CFA) 13, 200, 231, 241–3, 249–53
- Convention on Biological Diversity (CBD) 83
- Convention on the Elimination of all Forms of Discrimination against Women (CEDAW) 82
- Convention on the Rights of the Child (CRC) 82
- Convention to Combat Desertification in Countries Experiencing Serious Drought 83
- corporate accountability 209
- crop improvement 9, 112, 114, 121–2
- crop production 20, 112, 114–16, 119, 120, 122, 124–5, 144, 167
- crop productivity 22, 23, 27
- cultural diversity 72
- customary land rights 214–15
- customary tenure system 213–14, 219–23
- Declaration on the Right to Development 50, 84
- disease management 8–9, 95, 100–101, 106, 107, 109–10
- disease quadrangle 101
- disease triangle 100
- Dodd–Frank Act 184–6
- Doha Development Round 10–11, 51–2, 73, 75, 191, 196
- Doha Development Agenda 51–2
- Doha Ministerial Declaration 51
- Draft Guiding Principles on Human Rights Impact Assessments of Trade and Investment Agreements 77, 81
- ecosystem services 10, 116, 126, 143, 192
production-based 49, 54–5
trade-based 55–6
- environmental standards 64, 78, 83
- environmental variables 104, 106
- epidemiological threats 103
- EU General Food Law 278, 287
- European Market Infrastructure Regulation (EMIR) 187
- European Union 11, 25, 53, 63–4, 66, 84, 89, 160, 161, 187, 193–4, 196, 201, 245, 279
regulatory standards 63
- export restrictions 150, 160–61, 166–7
- export subsidies 10, 54–5, 73, 74, 162, 288
- farming system 75, 83, 87, 100, 117, 144, 145
see also agricultural system
- fish exports 62, 63

- fisheries 11–12, 45, 58, 62–3, 128,
190–206, 212, 237, 262, 264, 267,
271
commercialisation 62
management 201–3
over-exploitation 62
trade 62–3, 190, 197
WTO negotiations, 194–9, 201–2,
204–5
- fisheries subsidies 190–206
see also subsidies
- food
access to 4–6, 49, 77, 161, 200,
235–6, 259, 267, 274
distribution of 10, 30, 49–50, 116,
164, 273
entitlements approach 49, 50, 54–6,
163
food dumping 150, 156–7, 160, 164
imports 11, 45, 53–5, 57, 61, 64, 68,
73, 76, 98, 117, 135, 150, 152,
154–7, 159–61, 64, 167, 169,
171, 181, 184, 192, 242, 256–61,
263, 265, 287
labour-based 49, 55, 56
right to 6, 7, 31, 52, 71, 72, 75–8,
81–2, 87, 149, 153, 158, 162–6,
175, 182, 191, 201, 204–5, 212,
224–5, 234–5, 239, 243
- Food and Agriculture Organization
(FAO) 54, 59, 67, 71, 89, 134, 149,
176, 190, 206, 211, 214, 231–34,
255, 275, 279
- food aid 73, 86, 162–3, 167, 233–4
food dumping 150, 156, 157, 160, 164
food governance 13–14, 275, 277,
281–4, 287–8, 290
see also global food security
governance
- food price volatility 4–5, 26–7, 70, 86,
149, 152, 154–5, 158–9, 170, 174,
178, 180, 183, 187, 235, 248
- food production 22, 26–7, 29, 32, 42
domestic 54–5, 155–6, 161
food reserves 152, 154, 156, 158,
237, 246
- food safety 24, 32, 42, 84, 193, 196,
198, 201, 204, 236, 259–60,
269–70, 275, 278, 282–3, 285,
287
- food safety standards 193, 198, 285,
287, 289
- food security
definition of 49, 236
- food security information system
269–70
- food sovereignty 74, 204, 274
- foreign investment 12, 87, 157, 169,
207–8, 210, 217, 223–4, 225, 227,
251, 261
incentives for 207–8, 210, 217–18,
223–4, 251
- fragmentation 48, 165, 166, 190, 273
see also international law,
fragmentation
- fragmented approach
see holistic approach; trade
liberalisation, fragmented
approach
- future generations 84–5, 195, 215–16
concerns for 84
rights of 85
- futures markets 86, 170–74, 178–80,
188
- genebanks 116
- genes, modification 9, 107, 121–2
- General Agreement on Tariffs and Trade
(GATT) 31, 50, 53–4, 66, 72, 159,
160, 165, 166, 202
- General Agreement on Trade in
Services (GATS) 90
- genetic resources 9, 83, 112–16, 118,
121–7
- Ghana 213–15, 218–19, 222, 285, 289
- Global Agriculture and Food Security
Programme (GAFSP) 247
- global economic crisis 246, 264
- global financial crisis 171, 178, 180–82,
184
- global financial markets 11, 25, 171–2,
183, 188

- reform to the fundamental structure 183
- global financial system 184
- global food security governance 13, 200, 231–3, 235–7, 240–41, 247, 252–3
 - institutional mechanisms 235, 249
- GlobalGap 283, 285, 289
- Great Lakes Pact 6, 44–6, 57, 64–5, 69
- Great Lakes countries 44–6, 57, 58, 66, 67
- Great Lakes region 6, 44, 53, 57
- green box 75, 88, 153–4, 157, 163
- Green Revolution 4, 8, 27, 97, 101, 115, 123, 129–30, 260
- groundwater resources 133, 135–6
- Group of Eight (G8) 13, 200, 231–5, 237, 242, 244–7, 249–53
- G8 Action Plan for Africa 4, 5, 245, 248–9
- Group of Twenty (G20) 4, 5, 231–2, 237, 244–5, 247–53
- Guidelines on Multinational Enterprises 211
- High Level Panel Committee of Experts (HLPE) 241
- High-Level Task Force on the Global Food Security Crisis (HLTF) 239–44, 247, 249–253
- holistic approach 6, 48
 - see also* trade liberalisation, fragmented approach 46, 48, 57, 65
- human security 6, 7, 46–52, 56–7, 59, 64–9, 260, 274
 - approach 46, 48, 49, 51, 57, 59, 64–9
 - definition 47, 48
 - goals 7, 45, 46
- import surges 54, 68, 155, 160
- income insurance 152–3, 156, 158
- index speculation 170–75, 178–82
 - effect on price volatility 174–5
- index speculators 170–72, 178–9, 182
 - influence on commodity price developments 178
- India 25, 97, 130–33, 136–7, 140–42, 144, 181, 244
- Indonesia 14, 212, 248, 264–5
 - Operasi Pasar Khusus 265
 - programs on social safety net 264
 - Raskin program 265
- Integrated Food Security Framework (AIFS) 116, 268, 270
- intellectual property rights 51, 52, 116, 126
- international arbitration 210, 223, 226
- International Covenant on Economic, Social and Cultural Rights (ICESCR) 7, 75–7, 82, 164, 167
- International Fund for Agricultural Development (IFAD) 14, 58, 71, 88, 145, 207, 211, 232–3, 236, 248, 250, 272–3
- international human rights law 164, 224–5
- international investment law 224, 226
- International Labour Organization (ILO) 71, 82, 115, 121, 225
- international labour rights 90
- international law
 - fragmentation 52
- International Law Commission 52, 199
- International Monetary Fund (IMF) 53, 54, 61, 64–5, 149, 182, 251
- International Plan of Action to Eliminate Illegal, Unregulated and Unreported Fishing (IPOA–IUU Fishing) 195, 203
- International Plan of Action for the Management of Fishing Capacity (IPOA–Capacity) 195
- international trade law 45, 52
- International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) 83
- IPCC Technical Report on Climate Change and Water 133
- Irish potato famine 97, 118
- irrigation, expansion in 129–30, 132–3
- IUU fishing 195, 203

- Jordan 134–5
 Jyotigram scheme 141, 142
- Kenya 6, 46, 60–68, 100, 150, 158, 224, 281
 Kyoto Protocol 83
- Lake Victoria 46, 60–61
 Lake Victoria countries 44–5, 46, 64, 66, 68
 land grabbing 206–8, 218–22, 227
 land registration 213, 218
 land rights 213–23, 227
 see also customary land rights
 landscape diversity standards 84
 L'Aquila Food Security Initiative (AFSI) 246, 247
- linkages
 food security and trade liberalization 45, 46, 48, 50, 53, 56, 59, 62, 64, 165
 trade and development 45, 61
 trade and human rights 46, 57
 trade and human security 44, 45, 50, 57, 63, 67
- Madagascar 206, 207
 Markets in Financial Instruments Directive 187–8
 Marrakesh Agreement establishing the World Trade Organization 7, 50, 51, 53, 78, 152, 166
 Millennium Development Goals 4, 5, 22, 31, 233, 240, 271
 mitigation strategies 106, 110
 Murray–Darling Basin 87, 133–6, 141–2
- non-tariff import restrictions 54, 150
- Organisation for Economic Co-Operation and Development (OECD) 7, 56, 70, 73, 87, 149–50, 156, 193, 211, 242, 248, 257
 over the counter (OTC) derivatives 173–4, 186–7
 Overseas Development Assistance (ODA) 86, 138–9
- Pact on Security, Stability and Development in the Great Lakes Region
 see Great Lakes Pact
 partnership for food industry development 286
 pathogens
 see plant pathogens
- Philippines 14, 257, 260–62, 273
 Comprehensive Agrarian Reform Program (CARP) 262
 Philippine Department of Agriculture Food Security Programs 262
phytophthora infestans 97
 see also Irish potato famine
 plant breeding 9, 112–13, 115–17, 123
 plant borne diseases 8, 95
 plant genetic resources 9, 83, 112–15, 118, 122–3
 plant pathogens 8, 95–7, 99–100, 102–4, 106, 108, 110–11
 evolution of 97, 103, 112
 pollution 103, 105, 119, 143
 price volatility
 see food price volatility
 principal-agent theory 250
 principle of common but differentiated responsibilities 84
 principle of inter-generational equity 84
 principle of proportionality 84
 principles on responsible agricultural investment 212
 principle of special and differential treatment 54
 private retail standards 282
 private standards 15, 71, 89, 275–6, 281–4, 287
 see also private retail standards
 process and production methods (PPMS) 90
 Programme of Action on Economic Development and Regional Integration
 model of economic development 45
 project on food security 45, 46, 57–60, 64

- regional food security framework 14, 257, 274
- regional initiatives 14, 159, 255–7, 267, 273–4
- Renewable Energy Directive 209
- resources 272
see also natural resources
- retail food corporations 14, 275–6, 278
- retail governance 14–15, 275–6, 278–9, 282–91
see also agrifood governance
- right to food 6, 7, 10, 52, 70, 72, 75–7, 81–2, 87–8, 149, 153, 158, 161–8, 175, 182, 191, 201, 204, 205, 212, 224–5, 233, 234, 239, 243
- right to water 77, 82
- Rome Principles for Sustainable Global Food Security 244
- Russia 23, 183, 244–5, 272
- Sanitary and Phytosanitary Agreement 84, 90, 108, 202
- Seoul Development Consensus for Shared Growth 247
- small farmers 11, 15, 58, 60, 276, 279–82, 284–90
- small-scale agriculture
 marginalisation 12, 71, 118
 soil fertility 72, 110
- Southeast Asia 14, 156, 206, 256–8, 264, 267, 270–73
- Special Rapporteur on the Right to Food 6, 75, 81, 151, 158, 162, 175, 182, 201, 212, 239
- Special Safeguard Mechanism (SSM) 73–4, 155
- stem rust
puccinia graminis 97–8
 Ug99 97, 124
- structural adjustment programmes (SAPS) 61, 64, 70, 191
- subsidies 10–11, 54–6, 64, 70, 72–4, 87, 133, 151–2, 157–9, 162–3, 167, 190, 191–6, 197–9, 201–5, 265, 279–80, 286–8
 reduction obligations 55, 56
see also domestic subsidies; export subsidies; fisheries subsidies; trade subsidies
- sustainable development 7, 8, 48, 59, 72–3, 77–80, 83–5, 87, 89, 91, 157, 191–3, 195–6, 259, 289
 concept of 7, 48, 59, 72, 77–80
 framework 84–5, 89
- Sutherland report 65, 67
- Tanzania 20, 46, 60–61, 150, 210, 212–16
- tariffication process 73
- tariffs 10, 54–5, 61, 70, 72–3, 87, 150, 159, 160–61, 165–6, 260
- Thailand 14, 258–60, 290
- trade, barriers to 7, 72–3, 87, 108
- trade distortion 11, 73, 153, 162
- Trade in Goods Agreement (ATIGA) 268
- trade liberalisation 6, 45–6, 48, 50, 53, 56, 59, 60–64, 67–8, 75, 77, 81, 151, 165–6, 191
 fragmented approach 46, 48, 57, 65
- Uganda 6, 44–6, 60–61, 97–9
- UNCED Forest Principles 83
- UNESCO Convention on the Protection and Promotion of the Diversity of Cultural Expressions 82
- United Nations Declaration on the Right to Development 50–51, 84
- United Nations Development Programme 5, 47, 58, 87, 169
- United Nations Framework Convention on Climate Change (UNFCCC) 83
- United States 35–6, 41, 53, 66, 118, 132, 150, 163, 171, 173, 184, 193, 197, 203, 209, 244–5, 263, 276
- urbanization
- Uruguay round of trade negotiations 51, 54, 59, 66, 155, 158
- ustilago kamerunensis* 100
- Vietnam 14, 263, 266, 273
 initiatives on food security 255, 258, 261, 264, 266, 273

- Voluntary Guidelines on the Responsible Governance of Tenure of Land, Fisheries and Forests in the Context of National Food Security 212
- Voluntary Guidelines to Support the Progressive Realisation of the Right to Adequate Food in the Context of National Food Security 201
- water governance 10, 129, 133, 139–42
- water grabbing 133
- water productivity 129, 133, 137, 141–4
- water resources 10, 129, 130, 132–3, 135–6, 138–9, 142, 145
- availability of 10, 129, 132–3, 135–6, 138, 142, 145
- see also* water scarcity
- water rights 10, 139, 141, 145
- water scarcity 8–10, 129–31, 133–5, 138–9, 146
- drivers of 130, 132, 135
- water trading 140, 141
- water use, impacts on 132, 135–6
- World Bank 25, 48–9, 53–4, 61, 64–5, 87, 145, 169, 174–5, 193, 206, 211, 213, 215–16, 232, 240–42, 245, 247–8, 250–52, 289
- World Food Programme (WFP) 58, 158, 163, 232–4, 265, 272
- World Food Summit Plan of Action 4, 83, 168, 191, 233, 235, 239
- World Summit on Food Security 4, 112, 119, 244
- World Summit on Sustainable Development 196
- World Trade Organization (WTO) 7, 10–12, 31, 45–6, 48–57, 59, 64–9, 72–5, 78, 81, 84, 86, 90, 108, 149, 150–66, 190, 236, 250, 251, 287
- Appellate Body 53
- Committee on Agriculture 68, 74, 89, 153
- FOGS group 66
- FOWTOS group 66
- mandate 46, 50, 52, 62, 65–6, 68

