## Index

<table>
<thead>
<tr>
<th>Term</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/11 attacks</td>
<td>29</td>
</tr>
<tr>
<td>Accion International</td>
<td>204</td>
</tr>
<tr>
<td>accumulation</td>
<td>255</td>
</tr>
<tr>
<td>by dispossession</td>
<td>325–6</td>
</tr>
<tr>
<td>by exploitation</td>
<td>325–6</td>
</tr>
<tr>
<td>acid mine drainage</td>
<td>321–2</td>
</tr>
<tr>
<td>Acs et al.</td>
<td>143, 154</td>
</tr>
<tr>
<td>Acs, Z. J.</td>
<td>151</td>
</tr>
<tr>
<td>ADB (African Development Bank)</td>
<td>258–9</td>
</tr>
<tr>
<td>Addax Bioenergy</td>
<td>247–8</td>
</tr>
<tr>
<td>additive manufacturing</td>
<td>155</td>
</tr>
<tr>
<td>additivity, multi-product</td>
<td>166</td>
</tr>
<tr>
<td>adverse incorporation</td>
<td>257</td>
</tr>
<tr>
<td>AECID (Spanish Agency for International Development and Cooperation)</td>
<td>258</td>
</tr>
<tr>
<td>Africa</td>
<td>57, 193</td>
</tr>
<tr>
<td>and ADB</td>
<td>258–9</td>
</tr>
<tr>
<td>and BITs</td>
<td>262</td>
</tr>
<tr>
<td>and contract farming</td>
<td>255</td>
</tr>
<tr>
<td>and incomes</td>
<td>30</td>
</tr>
<tr>
<td>and leasing</td>
<td>259</td>
</tr>
<tr>
<td>sub-Saharan</td>
<td>253, 270–89</td>
</tr>
<tr>
<td>Africa Enterprise Challenge Fund (AEFC)</td>
<td>258</td>
</tr>
<tr>
<td>African Agriculture Fund (AAF)</td>
<td>258</td>
</tr>
<tr>
<td>African Climate Solution (ACS)</td>
<td>288</td>
</tr>
<tr>
<td>African Trade Insurance Agency (ATI)</td>
<td>248</td>
</tr>
<tr>
<td>African Union</td>
<td>252, 279</td>
</tr>
<tr>
<td>age and self-employment</td>
<td>151–2</td>
</tr>
<tr>
<td>Agence Française de Développement</td>
<td>258</td>
</tr>
<tr>
<td>Agrarian Reform and Grassroots Development (Posterman et al.)</td>
<td>64</td>
</tr>
<tr>
<td>agribusinesses</td>
<td>45, 249, 252, 255, 258–9, 263</td>
</tr>
<tr>
<td>and contractors</td>
<td>256</td>
</tr>
<tr>
<td>and Sierra Leone</td>
<td>247</td>
</tr>
<tr>
<td>and smallholders</td>
<td>254</td>
</tr>
<tr>
<td>agriculture</td>
<td>45–7, 50, 85, 97, 115–35, 247</td>
</tr>
<tr>
<td>in China</td>
<td>295–6, 305–11</td>
</tr>
<tr>
<td>commodity prices</td>
<td>251–2</td>
</tr>
<tr>
<td>and gender</td>
<td>185–8, 192–3</td>
</tr>
<tr>
<td>and land grabbing</td>
<td>249–51, 258, 263</td>
</tr>
<tr>
<td>in Latin America</td>
<td>317–18, 325, 330, 332, 336</td>
</tr>
<tr>
<td>in SSA</td>
<td>272, 275–8, 283–5</td>
</tr>
<tr>
<td>supporting fewer families</td>
<td>95</td>
</tr>
<tr>
<td>agrofuel</td>
<td>248</td>
</tr>
<tr>
<td>AGTER</td>
<td>249</td>
</tr>
<tr>
<td>Ahlin et al</td>
<td>209–10</td>
</tr>
<tr>
<td>AIDS</td>
<td>190, 280</td>
</tr>
<tr>
<td>Akram-Lodh, A. H.</td>
<td>257</td>
</tr>
<tr>
<td>Albrecht, D. E.</td>
<td>305</td>
</tr>
<tr>
<td>Alinsky, Saul D.</td>
<td>62</td>
</tr>
<tr>
<td>Alliance for a Green Revolution in Africa (AGRA)</td>
<td>258–9, 284</td>
</tr>
<tr>
<td>alternative agriculture</td>
<td>116, 127–35, 190</td>
</tr>
<tr>
<td>Altimia Partners</td>
<td>252</td>
</tr>
<tr>
<td>amenities</td>
<td>9–12, 116–7, 169, 172–3</td>
</tr>
<tr>
<td>amenity destinations</td>
<td>105–9</td>
</tr>
<tr>
<td>America</td>
<td>67–9</td>
</tr>
<tr>
<td>see also</td>
<td>Latin America; United States (US)</td>
</tr>
<tr>
<td>American Great Plains</td>
<td>95–6</td>
</tr>
<tr>
<td>American Journal of Sociology</td>
<td>30</td>
</tr>
<tr>
<td>Andes</td>
<td>319</td>
</tr>
<tr>
<td>Anhui</td>
<td>310</td>
</tr>
<tr>
<td>animal feed</td>
<td>233, 237</td>
</tr>
<tr>
<td>manufacturers</td>
<td>240–41</td>
</tr>
<tr>
<td>antiretroviral (ARV) medication</td>
<td>280</td>
</tr>
<tr>
<td>Appalachia</td>
<td>10, 65, 96, 119</td>
</tr>
<tr>
<td>Argentina</td>
<td>328</td>
</tr>
<tr>
<td>Armitage, C.</td>
<td>151</td>
</tr>
<tr>
<td>Arnslein, S. R.</td>
<td>60</td>
</tr>
<tr>
<td>Arregui, Alvaro Rodriguez</td>
<td>204</td>
</tr>
<tr>
<td>Arvin</td>
<td>120</td>
</tr>
<tr>
<td>asentamientos</td>
<td>330</td>
</tr>
<tr>
<td>Asia</td>
<td>63, 183–4, 202, 270, 274, 280</td>
</tr>
<tr>
<td>Aspen, Colorado</td>
<td>108</td>
</tr>
<tr>
<td>assembly line</td>
<td>139–40</td>
</tr>
</tbody>
</table>

341
asset collateralization 209
assimilation of immigrants 99
assisted self-reliance 70
Atlantic Canada 84–5
Australian Government Aid Program 258
automobiles 139–40
Bain, C. 184, 217
Bain Capital 140
Banco Azteca 204
Bangladesh 184, 197, 199–201
Banker, David 121
banks
branches 151
see also financial institutions
Barca et al. 50
Barca, F. 49
Barret et al. 286
Barrett, Joe 217
Barrientos, Stephanie 189
Bavaria 147
Bebbington et al. 326
Beck, Ulrich 29
Beijing 310
Bending, T. 248, 255
benefactors 170
benefits
of amenity migration 108–9
material and non-material 6–7, 10
non-wage 185
Berry, Wendell 128
bicycles 271
Biggs, Stephen 271–2
bilateral investment treaties (BITs) 259, 262
Bill and Melinda Gates Foundation 284
Billing, P. 165
bio-crops 219, 241
biodiesel 248
biomass conservation 249
biophysical environment 321
Bird, Sharon 183
block models 229, 238
Bloom, C. Clare 132
Blumenthal, G. 249
Boglio, A. 64
Bogotá, Colombia 330
Bo-I-bo 306
bolilands 247
Bolivia 326, 328
boon communities 96–7
‘boom town’ effect 321
boomtowns, energy 81, 83
border crossings 99, 104–5
Borras, S, Jr 248, 251, 253–4
Bosma, N. 147
Boucher et al. 209
boxstore companies 182
Box–Tidwell test 229
Bracero Program 100–101, 329
brain drain 331, 333
Brazil 330
BRE programs 144
Britain 273
British Columbia 85
broadband, improvement 191
broad rural policies 42
Bruno, A.V. 13
Bryden, J.M. 42, 45
Buenos Aires 330
built capital 51
bureaucracy
donors 59–60
and rural poverty 82
Bureau of Economic Analysis (BEA) 142–3
Burkina Faso 279, 282–3
Burt, Robert S. 13
Butler, R.W. 161
Butler, Steven 306
Buttel al. 128
cabins 108
California 120, 180
Campesino Unity Committee (CUC) 326
Canada 8–9, 83–5, 186
Canadian census subdivision (CSD) level 86
cap-and-trade programs 249
capital 14, 34–5, 51, 79, 203, 258
social 13–14, 131, 200
see also human capital
Index 343

capitalism 24–5, 27, 57, 118
carbon credits 249
carbon sequestration payments 287–8
Caribbean 328
Carlos, D. 204
cars 139–40
case studies 123
cash income 320
castes 66
censuses 297, 304
Central Africa 279–80
Central America 67–9, 319
Central and South region, China 295, 311
Central Nacional de Trabajadores (National Workers Center) 326
Central region, Canada 84–5
cereal yields 276–7
Chambers, R. 62–3
Chan, K.W. 296–7
Chase-Dunn, Christopher 24
child care 185
children
  separated from parents, affect 102
  stunting rate 289
Chile 328–9
China 31, 100, 294–312
China Population Census, 1990 304
chi-square test 232–3, 237–8
churches 99
cities
  importance 270–71
  migration 92–3
citizen participation 60
civil liberties 6
Clapp, R.A.J. 257
class 8, 22, 25, 68, 159, 335
Clawson, M. 165
Clean Development Mechanism (CDM) 287–8
climate change 86–7, 276–7, 286–7
Clinton, President Bill 216
cluster development 15–16
clustering in Latin America 332
coal-miners 140
coffee 140, 189
Coleman, D. 97
collateral 200, 208–9
collectives 297–8
Collier, Paul 285
Colombia 330
colonial governments 57
commercial agriculture 325
  see also agriculture
commercialization 197, 203–5
commodity chains 218–20
  see also value chains
commodity farms 186
  see also farming
commodity prices 251
Common Agricultural Policy 45
commune and brigade enterprises (CBEs) 303
Communist Party, Kerala 66–7
Communist Revolution, Cuba 324
community longevity 96–7
community power 62
community social fabric 122–3, 125
community supported agriculture (CSA) 129–30
community well-being 81–2, 121–3
  see also well-being
Compartamos Banco 201, 204
complementarity 166
Comprehensive Africa Agriculture Development Program (CAADP) 252
confined animal feeding operations (CAFOs) 125
conflicts 62, 125, 217, 273, 286, 332, 336
  in farming 131
  with immigration 100
  with mining companies 321, 327
  in tourism 12, 159
congestion, recreation 170–71
conservation agriculture (CA) 287
conservation programs 11
consumers 32, 129, 132, 140, 188
  absent 102
  and fair trade 184
  and preferences 141
trends 130
consumption 50–51, 78  
couples’ decisions 278–9  
and migration 106  
networks 31  
contract agriculture/farming 254–7, 317  
cooperatives 189  
copy-cat gap-filling 143  
Córdoba, Mario Mujía 326  
corn 219, 233, 237–41  
corn-based ethanol production 215–41  
Cornwall, Andrea 192–3  
corporate agriculture 186  
corporate power 32  
cost–price squeeze 82  
Cotula et al. 254  
Cotula, L. 253  
cyotes 104  
credit 198–9, 203–4, 206, 256  
credit bureaus 207  
credit schemes 187  
Crescenzi, R. 141, 155  
crops 252, 275–6, 294–5  
acreage 233, 237–40  
high-value 189  
Crowley, Martha L. 124  
CSDs (Canadian census subdivisions) 86, 88  
Csikszentmihalyi, M. 164  
Cull et al. 206  
Cultural Revolution 299, 303, 307  
culture  
 affect of development 5  
 barriers 99  
 and place-based policy 49  
Current Population Survey (CPS) 97, 142, 180  
dairy industry 97  
Daniel, S. 248, 259  
Danwei 298  
Dasgupta, A. 253  
daughter subsidiaries 26–7  
Davidson et al. 87  
day care 191  
debt 35, 205, 255–6  
decentralization 282  
Deller et al. 107  
Deller, S.C. 106, 117, 127, 133, 144, 153  
demand-side perspective of entrepreneurship 13  
demand–supply relationships 163–4  
demographic transition 92  
Deng Xiaoping 300, 306  
dependency theory 8–9  
Dercon, Stefan 285  
development and growth 4  
development financial institutions (DFIs) 249  
development institutions 258–61  
DFID (Department for International Development)/UK 248, 258, 273  
difference-of-means tests 225, 229, 231–2  
Dinuba 120  
directed development 65  
displacement 170  
dispossession 257  
distillers’ grains 220  
diversity 79  
Dolan, Catherine 184–5  
dollarization 329  
domestic moves 94  
Dominican Republic 256, 328  
donations 203, 206  
donor agencies 59–60  
Dorward, Andrew 283–4  
downstream linkages 219, 228–9, 233, 237  
DPT (diphtheria, pertussis and tetanus) 280  
dual labor market 99  
Durand et al. 104  
edu causes 162  
earnings 6–7, 117–18, 228–9, 237–9  
see also income; wages  
East Asia 57, 270, 280  
Eastern Africa 284  
East region, China 295, 311  
EBSCO 210–11  
economic-amenity theory 167  
economic expansions 147  
economic facilities 5–6
| Economic Growth | and Farming 185 |
| Economic Inequality | and Immigration 99–100 |
| Economic Segmentation | and Investment Programs 259 |
| *Economics of Outdoor Recreation* | and Tourism 166 |
| (Clawson and Knetsch) | European Union (EU) 45, 147, 247 |
| Economies of Scale | Existence Value 10 |
| Ecuador 328–9 | Experience-Based Tourism Products |
| Edensor, T. 159 | 163–4, 167–9 |
| the Edifice Complex 80 | Experience-Scapes 165, 167–9, 172 |
| Education 146, 192, 229, 237, 281–2, 289, 331, 333 | Externalities 44 |
| Efficiency 44, 48–9, 204, 207–8 | Extractive Industries 318–22, 325–6 |
| EIB 259 | Factories 222–4 |
| Elder Care 185 | Workers 181 |
| Ellis, Frank 271–2 | Fairness 43–4 |
| El Salvador 329 | Fair Trade 184–5 |
| Emerson, Ralph Waldo 139 | Family Farms 116–17, 120–21, 131, 302, 308–9 |
| Employment 82, 86, 145–8, 150–52, 224–5 | Famines 273, 298 |
| in Farming 118 | Farmers 45, 52, 64, 118, 286–7, 323 |
| and Gender 179–91 | and Aid 126 |
| Growth 149 | in China 298–300 |
| and Microfinance 211 | and the Community 129–31 |
| Migrants 329 | as Entrepreneurs 140 |
| in Mining 320, 325 | and Land Titling 208 |
| in North Central Region, US 217, 231 | Smallholders 254–6, 283–4 |
| in Sierra Leone 247 | and USDA Report 120 |
| Empowerment 63–4, 181–2, 184, 272–3, 335 | Women 185–9, 192 |
| En Confianza 204 | Farming 95, 115–35 |
| The End of History (Fukuyama) 27 | Dependence 301–11 |
| Endogeneity 124, 128, 147–8, 152 | see also Agriculture |
| Energy 81, 83, 85, 171 | Farming—Manufacturing Thesis 302–4 |
| Enterprises 302–4 | Father–Child Separation 102 |
| Entrepreneurial Clubs 14 | Fei, Xiaotong 304 |
| Entrepreneurial League System 152 | Feminism 181, 193 |
| Entrepreneurship 12–14, 139–73, 182–5 | Fernandez-Kelly, Patricia 181 |
| Environmental Degradation 334–5 | Fertility 102, 300–301 |
| Environmental Justice 159 | Rates 274 |
| Environmental Threats 321–2 | Fertilizers 284 |
| Equity 7, 44, 48–9 | Figueroa-Armijos et al. 141–2, 152 |
| Equivalency 43 | Financial Capital 14, 34–5 |
| Escober, Arturo 59 | Financial Crisis, 2008 201–2 |
Handbook of rural development

financial institutions 4, 258
see also IFC (International Finance Corporation); World Bank
financialization 34–5
financial sustainability 197, 206
Finland 141
Firebaugh, Glenn 29–30
firms
clusters 15–16
and entrepreneurship 13–14, 40, 142, 144, 149, 152–3
extractive industries 318, 320–22
foreign 325
high-tech start-up 14
and locational opportunity 221
private for-profit 168, 172–3
and value chains 132, 218
fish farms 99
fishing 81–2, 84
Five-Year Plan 303
Fleming, D.A. 149
floating population 300–301, 303–4
Florence, Italy 150
flow-channel model 164
food 128–30, 133–4, 188–9, 262
crisis 251–2
index 133
policy councils 129–30
value chains 132
Food and Agriculture Organization (FAO), 250
food security 128, 248–9, 251, 263, 272, 327
food sovereignty 327
foot-march from Huehuetenango to Guatemala City 326
Ford, Henry 139–40
Fordism 24–5, 27, 35, 37
foreign direct investment (FDI) 33
Foreign Investment Advisory Service (FIAS) 259
Forest Peoples Programme 255
forestry 10, 78–9, 81, 84–7
formal workers 184–5
for-profit MFIs 197, 204–5, 210
Fowler, Richard 287
France 258
Franco, J.C. 248, 251, 253–4
Fraser, Nancy 181
freedoms 5–6
free markets 28
Freire, Paolo 62
Freudenburg, W.R. 80–82
Friedman, H. 302, 308–9
Friedman, Milton 27
Friedman, Thomas 28–9
Fritsch, M. 147
FSLN (Sandinista National Liberation Front) 68–9
fuel additive 220
fuel sector 96, 180–81, 248
Fukuyama, Francis 27–8
fundamentalism 21
G8 28
gas 96, 180–81
gasoline 220, 240
Gates, Bill 140, 144, 251
Gaventa, John 56
gazelle start-ups 141
GDP (gross domestic product) 50–51, 101, 271, 275, 289, 295, 329
GEM (Global Entrepreneurship Monitor) 141, 147, 152
gender 179–93, 200–201, 256, 278–9, 281
Gerber Foods 141, 149
Giddens, Anthony 22
Gillam, C. 254
Gini coefficient 231
Glaeser, E.L. 155
Glaeser et al. 144
GLF (Great Leap Forward) 298, 302, 303, 306–7
globalization 8–9, 21–38, 48, 181, 316
‘The globalization of markets’ (Levitt) 23
Goe et al. 220
Goesling, Brian 29–30
illegal immigration 98–9, 104
see also migration
IMF (International Monetary Fund) 274–5
immigration see migration
immunization 280
IMPLAN (Impact Analysis for Planning) 153
import substitution 153
imposed development 65
incentives to move to rural areas 95
income 29–30, 34–5, 146, 224
in Africa 275
in Canada 84–5
in China 300
farming 126
growth 5, 50, 102, 148–9, 153–4
inequality 4, 22, 125, 159
in Latin America 320, 334–6
in North Central region, US 231–2, 237–9
and tourism 166, 171
women 180, 184
income remittance see remittance income
India 31, 66–7, 100, 193, 205
Indiana 154
indigenous knowledge 70
indigenous peoples 325
indio permitido 324
Indonesia 255
industrialization 304
industrialized farms 119–20, 123–5
industrial solvent 220
industrial structure 82
inefficiencies 49
inequality 25, 49, 103, 108–10, 336
class 25
economic 27–31, 133
in farming 119–20
gender 256
income 22, 125, 159
infant mortality 279–80
informal workers 184–5
information and communication technologies (ICTs) 47–8
information sharing 207
initial public offering (IPO) 204–5
in-migration 93–7, 105–8, 169, 307
input–output analysis 125
input–output matrix 153
insecurity 327
instability 92
institutional dimension 50
integration, vertical 219
intellectual capital 51
intellectuals 307, 310
interactive participation 62
Inter-American Foundation (IAF) 62–3
inter-community groups 65
interest rates 204, 206
intergenerational transmission of farming as occupation 131
intermediary organizations 69–70
International Association for Public Participation 60
International Council for Mining of Metals 325
International Development Association 211
International Food Policy Research Institute (IFPRI) 250
International Fund for Agricultural Development (IFAD) 250, 258
International Labour Organization’s Convention 169 on the Rights of Indigenous and Tribal Peoples in Independent Countries 325
international migration 97–100
International Monetary Fund (IMF) 4, 28
international moves 93–4
International Year of Microcredit, 2005 201
Investment Promotion Agencies 259
investment treaties 259, 262
Iowa 183, 223
IRD (integrated rural development) 272–3
irrigation 284
Irwin et al. 124, 126–7
Ixtahuacán miners’ strike 326–7
Jacquet, J. 81
Index 349

Janvry et al., de 207
Japan 96
Jensen, Eric 180
Jensen, Leif 180
Jiangchun 304
Jiangsu province 303–4
jobs 10, 35, 82, 247
growth 148–9, 154
and trade-off with the environment 10–12
see also employment
Jobs, Steve 140
Johansson, F. 150
Johnston, Bruce F. 283
Jones, R.C. 102
jornaleros 332
Kabeer, Naila 184
Kansas 95, 219–20
Karlan, D. 207
Kauffman Index of Entrepreneurial Activity 142, 149
Kauffman, H.F. 78–9
Kauffman, L.C. 78–9
Keely, C.B. 102
Kenney, Martin 220
Kenya 280, 288
Kerala 66–7
Kerr, W.R. 155
Key, N. 256
Kitching, Gavin 31
Knetsch, J.L. 165
Knight, J. 96
knowledge
indigenous 70
tacit 62
Kooten, Casey van 165–6
Kueh, Y.Y. 312
Kugelman, M. 253
Kuznets, Simon 116–17
Kydd, Jonathan 283–4

Labarthe, C. 204
labor 8, 36–8, 99, 109
cost 239
transnational 34
see also migration
labor-management accord 37
‘labor market’ approach 148
Lambert et al. 222, 240
land 11
ownership 68, 187, 297
public 11
tenure policies 57
use 17
land grabbing 247–63, 285
land lines 278
landlordism 66–7
land titling 208–9, 285
Langyintuo et al. 284
Lasely et al. 124
Las Hermanas 189
latent demand–supply relationships 163–4
Latin America 30, 67–9, 200–201, 280, 315–36
leaching 321
leadership development 64
Leadership Learning Consortium 64
leasing 259
legal border crossings 99
legal status of immigrants 98–100
legitimacy crisis 36
Legitimation Crisis (Habermas) 35
Leiper, Neal 163–4
‘Leiper-side’ approach 167
leisure travel 167, 171
Le Mare, Ann 184
Levitt, Theodore 23
Levy, M. 51
Lewis, Helen 56
Lewis, J. 204
The Lexus and the Olive Tree (Friedman) 28–9
Liang et al. 300, 304
Liang, Z. 304
Lichtenstein, G. 140, 149, 152–3
life expectancy 279–80
Limao, Nuno 277
Lima, Peru 330
linked migration 108
literacy rates 289
Liu Shaoqi 305–6
livelihoods 273–4, 316–18, 327, 330
loans 183–4, 198–9, 202, 205–7
Lobao, Linda 116–17, 120–26
local governance 333
local governments 282–3
local residents 161–2, 170
locational notoriety 161
locational opportunity, windows of 221, 241
location counties 231–2
loggers 140
logistic regression analysis 225–9, 232–8
longevity, community 96–7
Longue Duree School 23
Loveridge et al. 153
Loveridge, S. 141, 152–3
Low et al. 143, 150
Luff, A.E. 81
lumber 85–6
Lupe1, Adam 35–6
Lyons, T.S. 140, 149, 152–3
Lyson et al. 124, 133
Lyson, Thomas A. 128–9
Machlis et al. 82
Maine 106
mainstreaming, gender 191–3
maize 277
Makeni area, Sierra Leone 247–8
Malabar Rebellion, 1921 66
malnutrition 280
Manhattan Minerals 325
manufacturing 52, 181, 276, 302–3
Mao Zedong 299, 305–7, 310, 312
Mappilla 66
march from Huehuetenango to Guatemala City 326
Markelova, H. 248
markets 283
distance 3, 6
failure 44
free 28
Marshall, M. 153–4
Martinez, Rafael 64
Marxian political economy 118–19
Marxian structuralists 23–5
Massachusetts 106
Massey, Douglas M. 332
Massey et al. 102
Massieu, A. 159
material benefits 6–7
maternal mortality 279
mature-stage tourism destinations 162
Maya 326–7
Mcintosh, C. 207
McMichael, Philip 8, 118, 251
measles 280
meat packing 233, 237, 241
mechanization 302–3, 308–9
mechanization and technological innovation theory 305–7
median family income 85–6
Medicaid program 96
Medici Effect 150
Meinzen-Dick, R. 248
Mellor, John W. 283
men 179–81, 183, 208, 278–9
in agriculture 185–7
and migration 329, 331–2
Menard, Scott 229
Mesoamerica 328–9, 331
metropolitan counties 148
Mexico 97–8, 100–104, 186, 328–9
and land titling 208
and microfinance 201, 204
and remittances 328, 332–3
Mexico City 330
Meyer, Katherine 117, 120
MFIs (microfinance institutions) 197, 201–7, 211–12
Michigan 152–3
microcredit programs 183–4, 336
see also microfinance
microfinance 197–212
Microfinance Transparency 211
micro-insurance programs 336
midscale food value chains 132
Midwest 119
MIG, Inc. 153
migration 37, 92–110, 296, 304, 307–9
in Latin America 327–33, 335–6
Millennium Development Goals 201, 279
Miller et al. 258
minerals 286, 318
see also mining
Mines Union of Ixtahuacán 326
mining 10, 81, 85, 318–22, 325
Miraflores community 67–9
mission drift 202, 206–8
Mittal, A. 248, 259
MNCs (multinational corporations) 26, 118
mobile phones 278
mode of regulation 24
modernization 58–9
modernization theory 7–9, 23
moneylenders 198–9
Montemayor, R, 256
Morduch, J. 200
mortality, infant 279–80
Mossberg, Lena 167
mother–daughter industrial system 26–7
Mueller, P. 147
Mukhopadhyay, Maitrayee 192
Mullins, Dan R, 107
multicollinearity 229
multilateral cooperation and border controls 104–5
Multilateral Investment Guarantee Agency (MIGA) 248
multiplier effect 334, 336
multi-product additivity 166
multivariate regression models 124
Munich 147
Murphy, S. 259, 262
Muslims 66
narratives, grand 25
narrow rural policies 42
National Workers Center (Central Nacional de Trabajadores) 326
nation-states 8, 21, 24–5, 27, 56
CRISIS 33
and MNCs 26
role 34
natural amenities 160, 166–7, 169, 172
natural capital 51, 79
natural gas 96, 180–81
natural resources 9–11, 169, 286–7
nature, social construction 82
Naughton, Barry 295–6
Nebraska 223
necessity-based entrepreneurs 143, 152
Nelson, Lise 108
Nelson, Peter B. 108
neoclassical economics 117–18
neoliberalism 27, 35–6, 118, 181, 319, 322
neoliberal multiculturalism 324
Netherlands Ministry of Foreign Affairs (NMFA) 258
NETS (National Establishment Time Series) 149
networks among farmers and non-farm neighbors 131
and horizontal linkages 69–70
production and consumption 31
for rural women 193
social 13–14
transnational 37
Neumark et al. 149
newcomers 105–8
New Deal on Global Food Policy 252
New Economy 29
New England 133
New Partnership for Africa’s Development (NEPAD) 252
New Rural Paradigm 46–8
new social movements 324–5, 327
NGOs (non-governmental organizations) 64, 68–9, 184, 204, 283
Nicaragua 67–9, 189, 209
Nigeria 280
Nizalov, D. 152–3
Nobel Peace Prize 201
Nokia 141
non-farm economy 276, 285–6
non-farm programs 126–7
non-locals 161–2, 168–71
non-location counties 231, 238
non-material benefits 6–7, 10
non-metropolitan localities 215–18, 220–41
non-wage benefits 185
352  *Handbook of rural development*

Nordhaus, W.D. 50–51

Nord, M. 81

North Africa 270

North American Free Trade Agreement (NAFTA) 28, 101

the North, Canada 84–5

North Central region, US 215–18, 220–41

North China Plain 294–5

Northeast region, China 295

Northwest region, China 295, 311

Norway 99–100, 108–9

not-for-profit MFIs 210

nutrition 279–80

NUTS (Nomenclature of Territorial Units for Statistics) 141

O’Dell, T. 165

OECD (Organization for Economic Co-operation and Development) 46, 141

Ogle, Richard 150

Ohio 132

oil 180–81

old social movements 324

one-child policy 300

One World Agricultural Development Fund 252

‘open door’ policy 300

opportunity-based entrepreneurs 141, 144, 152

optimality 165, 172

option value 10

Otero, Maria 204

outdoor recreation facilities, public 170, 172


outreach, poverty 206–7

see also poverty

Overdevest, Christine 81, 84

Oya, C. 257

Page, B. 302

Paige, Jeffery 327

PANAP 259

parastatals 275

Park, L.S. 108

participation 18, 60–62, 272–3

Partridge, M.D. 148

Patel, Raj 188

Patton, Donald 220

peasants 317–18, 323, 330

*Pedagogy of the Oppressed* (Freire) 62

Pe’er, A. 140, 155

Peets Coffee 189

Pellow, D.N. 108

Peluso, Nancy Lee 57

Pennsylvania Women’s Agricultural Network 193

per capita income 148–9, 153, 335

perimetropolitan bow wave 131

permanent residents 107

Peru 325, 328–30

Peterson, V. Spike 181, 189

petroleum 96, 220, 240

Pew Hispanic Center 98, 104

Phatisa Group 258–9

Philippines 100, 102, 256

phones 278

Pike, A. 159

pipeline, entrepreneurial 152–3

place-based policies 46, 49–50

plant closures, affect 181

Plummer, L.A. 140, 155

political economy 118–19, 121

political freedoms 5

pollution 217, 334–5

poor people 197–9, 206–8, 212

see also poverty

population

in Africa 274–5

change 306–8

in China 309–11

decline in farming 119

density 3, 6–7, 154

growth 4, 27, 92–3, 102, 302–5

urban 52, 228, 271, 274–5, 296–8

US 94–6, 216–17, 231–2, 237, 239

population, organization, environment and technology (POET) 308

Porter, Michael 15

Posterman et al. 64

Post-Fordism 24–6
post-industrialization 159
postmodernity 25–6
poverty 148, 154, 184, 201, 204, 224, 232
in Africa 270, 272, 274, 284, 287–8
and Grameen Bank 197, 200
in Latin America 315–16
in North Central region, US 231, 237–9
reduction 210–11
Poverty Reduction Strategy Paper (PSRP) 274
Prairie region, Canada 85
PRA (participatory rural appraisal) 273
Preibisch, Kerry 186
Preston, Samuel H. 296
Pretty, J.N. 62–3
private for-profit firms 168, 172–3
PROCEDE (Program for Certification of Rights to Ejido Lands) 208
production network 31
productive capital 35
professional jobs 179
profits 35, 203–6, 208, 210
proletarianization 323–4, 326–7
ProMujer 200–201
property rights 208, 262
see also land; land grabbing; land titling
protective security 6
public goods 36, 44
public land 11
see also land
public outdoor recreation facilities 170, 172
public participation 60–62
public sector intervention 146, 154
public services 282–3
affect of migration 107
subsidies 159, 170–71, 173
Pueblos Jovenes 330
pulp 85–6
Purdue University 154
quality of life 6, 170, 335
quantitative multivariate studies 124
Raballand, G. 277
railways 219–20
Rao, Aruna 192–3
Rathge et al. 215
Raulet, Gérard 35
real estate 106, 108–9
Reardon, T. 286
recessions 147
recreation 6, 11–12, 170, 172
congestion 171
see also amenities; amenity destinations
Reducing Emissions from Deforestation and Degradation (REDD) 249
regime of accumulation 24
regional analytics 161
regionalism 16–18
regional tourism boosterism 160, 173
regions and resource dependence 84–5
regressions 147–8
regulated capitalism 24–5, 27
Regulationist School 23–5
remittance income 94, 100–105, 109–10, 332–3, 336
and Latin America 317–18, 327–31
Renewable Fuels Association (RFA) 222–3
repayment rates 207
re-peasantization 324, 326
reproductive work 189
resilience 79
resource abundance 143
resource dependence 77–89
resource tenure vulnerability 322
retail 106, 168, 172–3, 181
retention and expansion of existing businesses (BRE) 144
retirement migration 11–12, 106–8
revolutions 324
rice 247
rights, property 208, 262
see also land; land grabbing; land titling
Rio de Janeiro 330
riots, food 251
Rising Global Interest in Farmland

(World Bank) 249–50

risks 209, 256
Ritchie, J.R.B. 163
Robinson, M. 199
Robinson, William 33–4
Rockefeller Foundation 284
Rockstrom, Johan 287
Rodriguez-Pose, A. 141, 154–5
Roscigno, Vincent J. 124
Rosentraub, Mark 107
royalties 320
RUCC03 151
Runsten, D. 256
Rupasingha, A. 148, 150–52
rural credit programs 199
rural development policy, definition 42
rural manufacturers 52
rural policy 42–52, 289
rural–rural migrants 93
Rural Sociological Society Task Force
on Rural Poverty 82
rural-to-urban migration 296, 299–301, 303, 309, 330
rural–urban continuum 7, 149, 151
rural–urban interface (RUI) 130–31
Rural Women’s Directorate in the
Department of Agriculture 192
Russell, Kansas 219–20
Russia 96
Ruttan, Vernon W. 273
salaries 34–5, 166
see also wages
sales, farm 120–21
Sanders, Matt 217
Sanderson, Dwight 58
Sandinista National Liberation Front
(FSLN) 68–9
Sandler, Joanne 192–3
San Isidro de los Santos 326–7
San Salvador 281
Sao Paulo, Brazil 330
SAPs (Structural Adjustment
Programmes) 274–5
satellite imagery 253–4, 259
Sawit Watch 255
sawmill closure 180
scale indicators 120–21
Schneider, M. 252
schools 6, 281–2
Schultz, Howard 140
Schultz, T.W. 283
Schutjens, V. 147
Schutter, Olivier de 263
Scoones, I. 252
Scott, Alan 221
seasonal residents 107
second wave feminism 181
sectoral policies 42, 46
seeds 284
segmented labor market 99, 109
Self-Employed Workers Association
(SEWA) 183–4
self-employment 141, 144–6, 148,
150–52, 154
BEA data 142–3
and public sector 147
self-help development 65, 67
self-mobilization 62
self-reliance, assisted 70
Sen, Amartya 5–6, 273
sending communities 102
’sending down’ policy 299, 307, 310
Senegal 282–3, 288
Sequoia Capital 205
Serow, W.J. 107–8
service sector 106, 163–4, 168, 172–3,
179, 182
sexual assaults 190
Seyfrit, C.L. 82
Shane, S.A. 144
Shanghai 299–300
Sharp et al. 129
Shaw, G. 159
Sherman, Rachel 180
shipping 277–8
Shrestha et al. 147–8
Shrestha, S.S. 146
Sierra de los Cuchumatanes 326
Sierra Leone 247–9, 253
Silicon Valley 15
Sinclair, Robert 130–31
Singh, S. 256
Index 355

S
SKS 205
slavery 66
SLIEPA (Sierra Leone Investment and Export Promotion Agency) 248, 253
slums 330
small businesses 148, 154, 182–5
Smith, Kristin 190–91
Smith–Leiper debate 163–4
Smith, Sally 184–5
Smith, Stephen L.J. 159, 163–4
smugglers 104
social barriers for immigrants 99
social capital 13–14, 131, 200
social classes 8, 22, 25, 68, 159, 335
social conflict 336
see also conflicts
social dimensions of place-based policy 49
social equity 335
social fabric 122–3, 125
social justice 6, 67, 129, 133–4, 188, 254
social movements 324–5, 327
social networks 13–14
social opportunities 6
Social Performance Task Force 211
social relationships 6–7
Society and Natural Resources 82
socio-economic well-being 122
see also well-being
soil moisture 286–7
solidarity group lending 200–201, 207
Sonka, Steven T. 125
Soto, H. de 208
South America see Latin America
South Asia 57, 183–4, 202, 270, 274, 280
Southern Africa 57, 284, 287
Southern Mexico 332–3
South–North migration 328–9, 331
South–South migration 328–9
Southwest America 96
Southwestern region, China 311
sovereignty 327
Spanish Agency for International Development and Cooperation (AECID) 258
spatial and temporal theory 161
spatial dependence 124
spatial dimension, place-based policy 49
Spatial Durbin Model 148
spatial economic spillovers 147–8, 154
spatial proximity 220
special economic zones (SEZs) 295
Spiedloch, A. 259, 262
stability 78–9
Stanford University 15
Stankiewicz, Jacek 277
Staples big-box store format 140
Starbucks 140
start-ups 141, 147, 154, 221
Statistics Canada 88
Statistics Finland 146
Stedman et al. 79, 81, 83, 85–6
Steinbeck, John 120
 Stephens, H.M. 148
Stiles, Daniel 58–9
Stofferhan, Curtis W. 116, 120, 122–3, 125–6
Storper, Michael 220–21
strikes 326–7
strip mining 10
see also mining
stunting rate of under-five children 289
subadditivity 166
sub-Saharan Africa (SSA) 253, 270–89
subsidies 95–6, 203, 207
for ethanol 240
public 159, 170–71, 173
Sudan 259
sugarcane 247–8
suicide 205
supply chains 163
supply-side perspective of entrepreneurship 12–13
supply-side retail sector 163–4
supra-additivity 166
surveys 124–5
sustainability 79–80
sustainable agriculture 188
sustainable livelihoods 317
Sweetman, Caroline 193
tacit knowledge 62
tailings 321–2
Tambo Grande 325
Tam, On Kit 305–6
Taussig, Michael T. 326
taxation 151, 154, 217, 301, 320
tax credit 240
Taylor et al. 103
Taylorist capitalism 25
Taylor, M. 248, 255
technology, affect 46–8, 58, 154–5
Teravaninthorn, S. 277
Tervo, A. 146
TFR (total fertility rate) 300
Thompson, Graham 33
Thompson, Robert L. 45
three-dimensional digital printing technologies 155
Thünen, Johann Heinrich von 130
Thurik, R. 146
Tickamyer, Ann 190–91
Tigges, Leann 183
timber 95
tin miners 326
TNCs (transnational corporations) 27, 32–4
Tokila, H. 146
tomatoes 255–6
top-down development 57–8
tourism 11–12, 158–73
tourism destination life cycle 161–2
Tourism Planning: Policies, Processes, and Relationships (Hall) 159
tractors 306
trade and investment treaties 259, 262
traffic congestion pricing 154
Tran, B.N. 102
transmission of economically productive innovation 154–5
transnational labor force 34
transnational networks 37
transparency 211
transparency guarantees 6
transportation 17, 191, 219–20, 228, 233, 288–9
lack 271, 275, 277–8
travel distances and times 154
treaties 259, 262
tree top development 58–9
trickle-down approaches 56
trucks 219–20
Tyebjee, T.T. 13
Udry, Christopher 279
Underhill, Geoffrey 36
unemployment 35, 85–6, 239
see also employment
uneven development strategy 312
United Kingdom (UK) 248, 258, 273
United Nations Declaration on the Rights of Indigenous Peoples 325
United Nations (UN) 115, 201, 259
conferences 191, 193
UNCTAD 262
United States (US) 60, 93–4
and agriculture 45, 115–17, 119–22, 126–7, 130–33, 305
census 88, 142
Chicano/Hispanic and American Indians 66
and coffee 189
Department of Agriculture 128
employment 180–83
and entrepreneurs 144, 152–5
and ethanol production 215–41
and gender 179, 185–8, 193
and Gerber 141
incomes 30
and infrastructure 57
and migration 37, 98–101, 104, 328–9, 331
population 94–7
retirement and recreation destinations 106
and rural community leadership development 58
and self-employment 146, 150–51
and tourism 166
US Agency for International Development 63
Index 357

USDA (Department of Agriculture) 120, 126, 186
US Land Grant university faculty 153
University of California–Berkeley 15
Untouchables 66
Uphoff, Norman 63, 70
upper class 68
upstream linkages 219, 227, 229, 233, 237
urban areas, links 288
urbanization 48, 295–301, 316
urban markets, distance 6
urban population 52, 228, 271, 274–5, 296–8
urban–rural movers 93
uridification 324
use interaction 165–6, 172
use value 10
utility 51, 150, 166
value chains 132, 188–9, 257, 262
ethanol production 216, 218–20, 222, 225, 227–9, 237, 239–41
Venables, Anthony J. 277
venture capital 14
Vermeer, Eduard B. 301
Vermeulen, S. 253
Vermont Women’s Agricultural Network 193
vertical integration 219
La Via Campesina 327
Vienna 191
visitor experience 172
wage-and-salary employment 142–8
wages 6–7, 34–5, 102, 110, 147–8
in North Central region, US 228–9, 237–8
in tourism 166
see also income
Walker, R. 220–21, 302
Wallenstein, Immanuel 23–4
Wal-Mart 140, 149
Walton, Sam 140
Warnick, R.B. 106
Washington Consensus 28, 274
water 277, 281, 287
Watts, M. 255, 257
wealth 29–30, 50–51, 59, 106, 209
Weitzman, M.L. 166
well-being 51, 106, 117–18
in Africa 271–2
and farming 120–26, 132–5
in North Central region, US 230–31
and resource dependence 83–6
Wennekers, S. 146
West Africa 279–80
West African Development Bank 258–9
West, P.C. 82
wheat 294
White, B. 253, 255, 257
White Energy 219–20
White, Katherine J. Curtis 302, 305
White, M.J. 304
wholesale trade 181
wildlife 6
Williams, A.M. 159
Wilson, L.J. 81
windows of locational opportunity 221, 241
Winkler, R.L. 107
win–win situation 250, 252, 254, 257, 262
Wisconsin approach 153
Wit, Maarten de 277
women 179–93, 200–201, 206, 208, 209, 256
and migration 329, 332
in SSA 278–9
Women, Food and Agricultural Network 193
women in development (WID) 192
Woodruff, C. 208
work–family balance 183
World Bank 28, 57, 210, 277–8, 283–4, 315, 325
and food crisis 252
and land grabbing 248–50, 254, 259
and land titling 208
and remittances 101
and SAPs 274–5
World Development Report 284
World System School 23–4
World Trade Organization (WTO), 28
Wydick, B. 207
xenophobia 99
Yangtze River Delta (YRD) 295
Yang, Xiushi 304, 312
Yemen 192
yield gaps 252–3
youth 107, 307, 310, 333
entrepreneurship programs 152
Yunus, Muhammad 197, 199–201, 205

Zachary, Eric Julian 64
Zhang, Li 309–12
Zhang, Xiaoke 36
Zhang, Zhihong 303
Zhejiang province 304
Zinda, John Aloysius 80, 335
Zoellick, Robert 208

358 Handbook of rural development