Index

abduction technique 46, 149
actor-network theory 76–80
actors see political objects and actors thesis
adaptation 43–44
Addams, J. 33–34
afforestation 125–126
Agbogbloshie slum 1–3, 248
aggregate analysis 210–211
agrarianism
  conservation and control thesis 190,
  191–192
  ecological challenges 112
  political ecology texts 96–97
  political objects and actors thesis 235–236
Agrawal, A. 215–216, 218, 225–226, 229
agriculture
  biotechnology 235–238, 240
  conservation and control thesis 185–187,
  188
  contractualization 167–169, 170
  cultural ecology 41–43
  degradation and marginalization thesis
  167–169, 170
  ecological challenges 114
  environmental conflict and exclusion thesis
  203–205, 210–214
  feminist development studies 63–65
  Marxist political economy 56
  peasant studies 59
  political ecology 87–88, 95–97, 252–253
  political objects and actors thesis 235–238,
  240
  socio-environmental sciences 82–83
Althusser, L. 75–76
amenity landscaping 243
Andean livelihood movements 223–224
anthropocentrism 110
anthropogenic impacts see human impacts
anthropology 40–42, 44, 84
apolitical ecologies 5, 11–24
assumptions and modes of explanation
  19–20
challenging 14–19
conservation and control thesis 177,
  183–184
demographic arguments 16–18
definitions of political ecology 14, 15–16
diffusion, valuation, and modernization 14,
  18–19
dominant narratives 21–24
ecological challenges 106, 120
ecological disasters 158
ecoscarcity and limits to growth 14–18

© 2012 John Wiley & Sons, Ltd. Published 2012 by John Wiley & Sons, Ltd.
apological ecologies (cont’d)
  environmental conflict and exclusion thesis 208
  political objects and actors thesis 238
  target of explanation 23–24
archival research 85
authority
degradation and marginalization thesis 171, 173
environmental subjects and identity thesis 216, 218, 227
Bailey, S. 19–20
barstool biologists 132–134
Barth, F. 42
Bassett, T. 88
Bayliss-Smith, T. 42
bear conservation 238–240
Bebbington, A. 223–225
Beehive Design Collective 86
behavioral cultural ecology 83
Benjaminsen, T. 86, 161–162
Berke, F. 133–134
biodiversity 4
  apological ecologies 11–13
  conservation and control thesis 185–186
  degradation and marginalization thesis 163
  ecological challenges 103–105, 109–110, 114
  social construction 132
bioeconomic model 183
biogeography of power 193–198
biosphere reserves 103–105
biotechnology 235–238, 240
Blakie, P. 15, 60, 88–89, 90, 107, 161
Botkin, D. 112–113, 129, 181
Braudel, F. 66
breeding programs 49–51
Brookfield, H. 15, 88–91, 107
Bryant, R.L. 19–20
buffer zones 192–193
bureaucracies 191–192, 241–243
buried epistemologies 139
Burton, I. 33, 35
capital growth 84
capitalism
  critical tools 54–55, 61
  degradation and marginalization thesis 164, 169
ecological challenges 120
environmental conflict and exclusion thesis 207
explanation challenges 150–151
political ecology 84, 251
political objects and actors thesis 231, 236
carbon offsets 250
Carney, J. 38, 203–205
carrying capacity 44
Carson, R. 70–71
cartographies 136–137
cash crops 82–83, 167–169, 186, 204
cash economies 167
caste systems 171–175, 212
causal/event-based analysis 143–144, 148–154
  concepts and principles 149–150, 154
  limits and incompatibilities 152–154
  political ecology 150–152
centralization 52
certification 226
chains of explanation model 88–91
Chayanov, A.V. 61
Cho, J. 221
civilization 26
class divisions
  environmental conflict and exclusion thesis 202–203, 207–208, 212
  environmental subjects and identity thesis 223, 229
  political ecology 251
Clean Water Act 110
climate change 4
  ecological challenges 113
  political ecology 249–250
  political objects and actors thesis 242
Club of Rome 14, 18
coevolution 80, 147
co-management 193
co-production 140–142, 154
Cockburn, A. 15, 162, 164–165
coercion 178, 179, 192
cognitive mapping 136–137
collaboration 234
collectivism 41–42, 53
colonialism 26
  conservation and control thesis 177–179, 180, 189
  critical tools 56, 66–72
  degradation and marginalization thesis 163
Index

ecological challenges 113
environmental conflict and exclusion thesis 204
political ecology 93
postcolonial studies 67–72
social construction 124, 130–131, 139
commodity markets
apolitical ecologies 13
degradation and marginalization thesis 162
ecological challenges 108–109, 116
environmental subjects and identity thesis 224
political ecology texts 92–94, 95
common property theory 51–54, 83
conservation and control thesis 180, 182
degradation and marginalization thesis 171–175
political objects and actors thesis 234
communities of practice 5, 20, 85–86
community-managed resources 51–52
competing hypotheses 151–152
conceptual knowledge 132
confirmation bias 150
conflict see environmental conflict and exclusion thesis
Conklin, H.C. 135–136
conservation
ecological challenges 109, 120
environmental conflict and exclusion thesis 203
explanation challenges 145–146
political ecology 84–85
political objects and actors thesis 238–240
conservation and control thesis 6, 21–23, 176–198
alternative conservation practices 192–193
biogeography of power in the Aravalli 193–198
bureaucracies and efficacious species 191–192
central argument 178–179
coercion, governmentality, and internalization of state rule 178–179, 192
context 176–178
disintegration of moral economy 179–180
evaluation of thesis 191–193
evidence base 181–191
fieldwork 193–198
fire in Madagascar 185–187, 188
historical patterns of access 194–195
land uses and enclosure impacts 195–196
New England fisheries conservation 182–185
social construction 179, 180
social forestry conservation in Southeast Asia 187–191
social reform 189
territorialization of conservation space 180–181, 193, 195
tracking unintended consequences 196–198
conspiracy theories 152
constructed environments 6, 105
constructivism see social construction
consumerism
conservation and control thesis 177
environmental subjects and identity thesis 226
explanation challenges 145
political ecology 95–97, 250–251
contract agriculture 167–169, 170
contradictions 95–97
control 173–174
see also conservation and control thesis
controlled burning 185–187, 188
coppicing 116
cotton production 161–162
counter mapping 136
counterfactual thinking 149
coupled systems 144, 147
creative destruction 110
critical environmental history 65–72
critical science and ethics 71–72
power/knowledge 70–71
critical environmental pragmatism 31–32
critical science 71–72, 76–77
critical tools 49–81
broadly defined political economy 59
common property theory 51–54
critical environmental history 65–72
critical science and ethics 71–72, 76–80
dependency, accumulation, and degradation 56–58
environmental justice 74
eyeveryday resistance 62–63
feminist development studies 63–65
governmentality 75–76
hegemony 62–63, 70, 75
historical materialism 55–56, 58–59
critical tools (cont’d)
integration and diversification of political ecology 80–81
Marxist political economy 54–59
moral economy 61–62
objects, actor-networks, and materiality 76–80
peasant studies 59–63
postcolonial studies 67–72
poststructuralism 70–71
power/knowledge 70–71
rational producer 61
subjects 75–76
urban ecological research 72–74
Cronon, W. 95, 130, 151
Crosby, A. 115
cross-border analysis 12
cross-cultural studies 37
cultural ecology 35–48, 147
boundaries 44–46
Carney, J. 38
critical tools 50–51
historical development 47
historicism, landscape, and culture 36–37
Netting, R.M. 41
Nietschmann, B. 44–46, 48
positivism 37–40, 42
progressive contextualization 46–48
Sauer, C. 36–37
Steward, J. 37–40, 42
system, function, and human life 40–44
culture
conflicts 206, 208
cultural ecology 36–37, 41
explanation challenges 148
feminist development studies 63
identity 220–224
Marxist political economy 54
peasant studies 62
postcolonial studies 69–70
urban ecological research 73
Darwin, C. 30
debt 4, 236
decentralization of authority 216, 218, 227
deconstruction 70, 71–72
Deepwater Horizon oilspill 157–159
deforestation 4
apolitical ecologies 13
conservation and control thesis 186
degradation and marginalization thesis 162–167
political ecology 252
degradation and marginalization thesis 6, 21–22, 157–175
accumulation and declining margins 160
Amazonian deforestation 162–167
central argument 159–160
common property disorders in Rajasthan 171–175
context 157–159
contract agriculture in the Caribbean 167–169, 170
ecological outcomes 173–175
eliciting rule systems 171–173
environmental practices and response to authority 173
evaluation of thesis 170–171
evidence base 160–169
reversibility 160
soil erosion and cotton production in West Africa 161–162
Dempsey, J. 239, 240
dependency theory 23, 56–58
Derrida, J. 70, 221
desertification 86, 128
determinism 26–28, 233
critical environmental pragmatism 31–32
cultural ecology 44
destabilization 6, 94–95
Diamond, J. 149
diffusion 18–19
discourses 134–135, 150
see also narratives; texts
disempowerment 110
disenfranchized communities 28
distributive justice 208
disturbance of ecological systems 112–119
division of labor 200, 204–205, 210–214, 223
Dove, M. 189
drought 49, 66
Dumont, L. 68
dynamic actor networks 234
ecolabeling 226
ecological challenges 6, 103–121
biodiversity 109–110, 114
forestry 103–105
land degradation 105, 107–119
methodological imperatives 119–121
natural productivity 107–109
non-human disturbance 112–113, 121
political analysis 119–121
production and destruction 119–121
responses to disturbance 113–117
socio-environmental sciences 110–112
usefulness 110
variability, disturbance, and recovery 112–119
ecological imperialism 115
econometric spatial models 148
economic efficiency 18–19
economic instruments 183–184, 250
ecoscarcity 14–18
ecosystem transition 118
Ehrlich, P. 14
empirical knowledge 131–132
empirical observation 149
enclosure impacts 195–196
Endangered Species Act (ESA) 4, 182
energy supply 17
environmental activism 23, 33
environmental conflict and exclusion thesis 6, 22–23, 199–214
access and responsibility 201
agricultural development in Gambia 203–205
central argument 200–203
classed, gendered, and raced imaginaries 202–203, 204–205, 207–208, 210–214
context 199–200
divergent impacts 213–214
division of labor 200, 204–205
evaluation of thesis 207–210
evidence base 203–207
gendered landscapes and resource bottlenecks in the Thar 210–214
land conflict in the US West 205–207
politically partial constructions 201–202
property institutions 201–202
social structure 200–205, 207, 210–214
stock characters and standard scripts 208–210
tracking changes in availability 212–213
zones of conflict 209
environmental determinism see determinism
environmental dynamics 3–4
environmental history 83, 137–138
environmental justice 74, 87
environmental knowledge
common property theory 51–52
explanation challenges 150
indigenous populations 25, 28, 30, 38, 42–43
school gardens 250
see also local environmental knowledge
environmental management 124, 127, 216–217
Environmental Protection Agency (EPA) 85–86
Andean livelihood movements 223–225
central argument 216–219
context 215–216
democratic subjects 225–226
evaluation of thesis 224–226
evidence base 219–224
fieldwork 226–230
hegemony and interpellation 217–220, 222
lawn people as environmental subject in US 226–230
Mayan identity and ecology 220–222
modernization and identity 223–224
moral economies and peasant resistance 217
environmental variability 84
environmentalism, traditional 121, 181
environmentality 83
epidemiology 34
epistemology
political ecology 97
political objects and actors thesis 241
social construction 127, 129, 139
equity 99–100
ethics 71–72, 80, 130
ethnicity 203, 223
Euro–American dominance 26
event-based analysis see causal/event-based analysis
exclusion see environmental conflict and exclusion thesis

explanation challenges 143–154
causal/event-based analysis 143–144, 148–154
co-production 154
land change science 143–148, 153–154
limits and incompatibilities 147–148, 152–154
political ecology 145–147, 150–152
export crops 12–13

Fairhead, J. 97–98, 125
famines 91–94
feminist development theory
critical tools 63–65
environmental conflict and exclusion thesis 202–203, 210–214
political ecology 83
feudalism 57
fieldwork 6
conservation and control thesis 193–198
cultural ecology 37
degradation and marginalization thesis 168
determinism 28
environmental subjects and identity thesis 226–230
political ecology 84, 87
political objects and actors thesis 241–243
fire practices 185–187, 188
fisheries conservation 182–185
flood mitigation 33–35
Fordham, M. 35
forestry
ecological challenges 103–105, 111
social construction 122–123
Fortman, L. 205–206
Foucault, M. 70, 75, 98, 123–125, 218–219, 227
Freidberg, S. 231–232, 233
functionalism 152
game theory 52–53
garbage dumps 1–3, 199–200, 248
gender
degradation and marginalization thesis 174
environmental conflict and exclusion thesis 202–203, 204–205, 208, 210–214
environmental subjects and identity thesis 222
see also feminist development studies
genealogical approaches 98, 137–138
genetically modified (GM) crops 235–238, 240
geographic field techniques 84
Geographic Information Systems (GIS) 136–137, 146–147
geomatics 136
Gilmartin, D. 68
global debt 4
globalization
critical tools 69
environmental subjects and identity thesis 225
explanation challenges 148
political ecology texts 87–88
social construction 132
Gordon, H.S. 182
governmentality 75–76, 178–179, 226
Gramsci, A. 62–63, 151, 219
green consumers 226
Greenberg, J.B. 15
greenhouse gases (GHG) 249–250
grizzly bear conservation 238–240
Grossman, L. 167–169, 170
Guthman, J. 96, 250
Guyot, A. 26–27
habitat loss/destruction 5, 11–12
Hacking, I. 124
Hamilton, Dr A. 34
Haraway, D. 80, 129, 234
hard constructivism 127–128
Hardin, G. 52, 68
hazards research 33–35, 50–51, 83
Hecht, S. 162, 164–165
hegemony
conservation and control thesis 178–179, 195
critical tools 62–63, 70, 75
environmental subjects and identity thesis 217–220, 222
Hempel, L.C. 15
Herring, R. 237–238
high-yielding varieties (HYV) 211
historical analysis
critical environmental history 65–72
cultural ecology 36–37
patterns of access 194–195
social construction 137–138
historical ecology 67
historical materialism 55–56, 58–59, 147
Hobson, K. 239, 240
Howard, P. 236
human impacts 5
  apolitical ecologies 11–12
  climate change 249–250
conservation and control thesis 186
social construction 141
human–environmental interactions
  apolitical ecologies 13, 17
  determinism 28, 29–33, 46–48
  feminist development studies 65
human–non-human dialectics 94–95
von Humboldt, A. 29, 31
Huntington, E. 26, 31
Hurricane Katrina 157–158
hybrid research 132
hydrocarbon industry 17, 158
hysteresis 117–118
hysterical housewives 134
identity theory 75–76
  see also environmental subjects and identity thesis
imaginary environments 6
immersive experience 87
immigration 69–70
imperialism 26–28, 30, 66
  see also colonialism
imported waste 2–3
indigenous populations
  apolitical ecologies 12–13
  conservation and control thesis 177
degradation and marginalization thesis 164
environmental knowledge 25, 28, 30, 38, 42–43
environmental subjects and identity thesis 222–225
explanation challenges 145, 147–148
individually transferable quotas (ITQ) 183–184
inequality 1–2
internalization of state rule 179
international agencies 85–86
international aid 63–65, 223
interpellation 75–76, 217–219
Johnson, D.L. 107, 110
justice 3
determinism 30
environmental 74, 87
environmental conflict and exclusion thesis 199–200, 208
political ecology texts 87–94
Kant, I. 123
Kepe, T. 118–119
kinship relations 45
Kloppenberg, J. 236
Kropotkin, P.A. 25–30, 32
Kull, C. 186, 188
labor division 200, 204–205, 210–214, 223
land change science 143–148
  concepts and principles 144–145, 153–154
  limits and incompatibilities 147–148, 154
  political ecology 145–147
land cover
  conservation and control thesis 196–198
  ecological challenges 108–109
  environmental conflict and exclusion thesis 212
  social construction 135–136
land degradation
biodiversity 109–110, 114
cotton production in West Africa 161–162
defining and measuring 107–112
environmental challenges 105, 107–119
environmental conflict and exclusion thesis 203
limits 112–119
natural productivity 107–109
non-human disturbance 112–113, 121
political ecology 82–83, 90–91
responses to disturbance 113–117
social construction 138
socio-environmental sciences 110–112
usefulness 110
variability, disturbance and recovery 112–119
  see also degradation and marginalization thesis
land rights 193, 201–202, 208, 210–214
land tenure laws 13
Index

land use
- conservation and control thesis 177, 193–194, 195–196
- ecological challenges 116
- environmental conflict and exclusion thesis 205–207, 210–214
- social construction 135–136

landscape 28, 36–37

Latour, B. 76–80, 129–130, 140

laws 226–230

Leach, M. 97–98, 125

Lewis, L.A. 107, 110

Li, T.M. 227

limits to growth 14–18

Linnaean system 135

livelihood movements 223–225

local environmental knowledge
- conservation and control thesis 184
- political ecology 84, 99
- social construction 131–138

Lok hit Pashu Palak Sansthan (LPPS) 195–196

long-term ecological research (LTER) 146

McCarthyism 57

Malthus, T. 14, 17–18

mapping 136–137, 172–173, 196

marginal decline 160

marginalization 28, 44
- environmental justice 74
- political ecology texts 88, 91–94, 99
- social construction 133

see also degradation and marginalization thesis

market integration 95

markets and price 12–13, 18–19

Marks, B. 158

Marsh, G.P. 32

Marx, K. 40, 54–59, 161

Marxist political economy 54–59
- broadly defined political economy 59
- dependency, accumulation, and degradation 56–58
- historical materialism 55–56, 58–59
- peasant studies 60–61
- political ecology 83, 90, 93

materialism 83

- critical tools 55–56, 58–59
- political objects and actors thesis 234–235, 240–241

materiality 76–80, 234–235, 240

Mayan identity and ecology 220–222

metabolism 73–74

metaphysics 123

migrant workers 252

mineral extraction 247–249

Miskito Indians 44–46, 48, 55, 58, 66

modality 117–118

modernization 14, 18–19, 223–224

Moore, S. 199–200

moral economies
- conservation and control thesis 179–180
- critical tools 61–62
- environmental subjects and identity thesis 217
- political ecology texts 92

mosquito-borne disease 241–243

narratives

- apolitical ecologies 21–24
- degradation and marginalization thesis 166
- explanation challenges 143–144, 146, 153
- historical 67
- social construction 125, 137, 139–141

see also texts

natural capital 160

natural productivity 107–109

naturalization 131

nature/society studies 6

neofunctionalism 44

Netting, R.M. 41

network analysis 76–80, 85

Neumann, R. 177, 192–193

New England fisheries conservation 182–185

new materialism 83

Nietzsche, B. 44–46, 48, 55, 66

nongovernmental organizations (NGO)
- apolitical ecologies 13
- conservation and control thesis 179, 195–196
- environmental conflict and exclusion thesis 205, 207
- environmental subjects and identity thesis 222, 227
- political ecology 85
- non-human agency 232, 234, 238, 240–241
non-human disturbance 112–113, 121, 147, 192
Normalized Difference Vegetation Index (NDVI) 108
obesity 250–251
objects 76–80
see also political objects and actors thesis
offsets 250
oilseed markets 106
oilspills 157–159
Ollman, B. 94
oral histories 87, 137, 139
organic agriculture 96–97
Oriental despotism 56, 57
Orientalism 67–68
Orissa (India) project 49–50
overexploitation 159, 234
overproduction 3, 162–164

Park, T.K. 15
participation
conservation 193
development 97
participant observation 84, 87
political ecology 251
peasant resistance 217
peasant studies 59–63, 83
Blaikie, P. 60
Chayanov, A.V. 61
degradation and marginalization thesis 164
Gramsci, A. 62–63
Scott, J. 61–62
Peet, R. 15, 99
Peluso, N. 189, 190–191
People, Land Management and Environmental Change (PLEC) 90–91
plantation forests 103–105, 111
political ecological texts see texts
political identities 208–210
political objects and actors thesis 6, 22–24, 231–243
agricultural biotechnology 235–238, 240
banality of the obviously material 241
bear conservation 238–240
bureaucracies 241–243
central argument 232–235
context 231–232
dynamic actor networks 234
evaluation of thesis 240–241
evidence base 235–240
fieldwork 241–243
mosquito-borne disease 241–243
non-human agency 232, 234, 238, 240–241
uncooperative materiality 234–235, 240
politically partial constructions 201–202
population growth
apolitical ecologies 12, 14–18
conservation and control thesis 177, 185–186, 189
cultural ecology 42
degradation and marginalization thesis 163
environmental conflict and exclusion thesis 207
positivism 37–40, 42
positivist-reductionist paradigm 133–134
postcolonial governance
conservation and control thesis 180, 186, 189
environmental subjects and identity thesis 216, 220–222, 225
postcolonial studies 67–72, 83–84, 202–203
poststructuralism 70–71
poverty
apolitical ecologies 17–18
conservation and control thesis 187, 189–191
critical tools 49
degradation and marginalization thesis 174
ecological challenges 112
political ecology 91–94
power
conservation and control thesis 193–198
degradation and marginalization thesis 167, 174
environmental conflict and exclusion thesis 200, 205
environmental subjects and identity thesis 216–217, 219, 222
explanation challenges 148, 152
knowledge and power 70–71
political objects and actors thesis 234–235
social construction 124, 128, 140
practical knowledge 131–132
pragmatism 31–32
pre-capitalist economies 92
privatization 52, 202
producer communities 183
product certification 226
production and productivity
conservation and control thesis 177
critical tools 49–51
cultural ecology 40
determinism 28
ecological challenges 112, 119–121
environmental conflict and exclusion thesis 206–208
feminist development studies 63–65
Marxist political economy 55–56
peasant studies 59–63
political ecology 82–84, 87–89
social construction 140–142
urban ecological research 72
progressive contextualization 46–48
property institutions 201–202
race/racism
cultural ecology 37
determinism 26–27
environmental conflict and exclusion thesis 202–203
environmental justice 74
environmental subjects and identity thesis 222
human–environment research 31
radical constructivism 127–128
Rajasthan Forest Act 194
Rappaport, R. 40–42
rational choice theory 52–53
rational producers 61
raw materials 2–3
realism 125
Reclus, E. 30–31, 32
recovery from ecological disturbance 117–119, 166–167
recycling 1–3
redistributive systems 92–94
reforestation 125–126
regional actors 3
regulatory systems 88
reification of categories 151
religious identity 227
remote sensing 85, 87, 146
resilience studies 153
resource limitations 14–18, 210–214
reversibility 160
rhetorical construction 131
Ridgeway, J. 15
Rocheleau, D. 109, 111
romanticism 129
rural environments 5
rural migration 187
rural suicides 236–238
sacrifice zones 110
sacrificial rituals 40, 43
Said, E. 67–68, 71
Sauer, C. 36–37
Save the Children 205, 207
Schmink, M. 164, 170
school gardens 250–252
scientific studies 83
Scoones, I. 118–119
Scott, J. 61–62, 181, 219
seafood industry 158
secondary forest growth 125–126
self-determination 224–227
self-governance 216
self-recognition 75–76
sewage treatment 1–2
sewer socialism 33–35
slavery 31, 38, 97
slum neighborhoods 1–3, 248
smallholdings
cultural ecology 41–43
degradation and marginalization thesis 164, 172–173
environmental conflict and exclusion thesis 209
peasant studies 59–63
Smith, N. 120–121
social construction 122–142
arguments and reasons 123–131
buried epistemologies 139
categories and taxonomies 135–136
classification systems 125
conservation and control thesis 179, 180
debates and motivations 125–127
ecological challenges 120
ecological process and change 137
eliciting environmental construction 134–138
environmental conflict and exclusion thesis 201–202
environmental history 137–138
genealogies of representation 137–138
hard and soft constructivism 127–130,
local environmental knowledge 131–138
methodological issues 138–140
narratives 125, 137, 139–141
political analysis 138–140
political ecological claims 130–131
political ecology texts 97
production and co-production 140–142
research checklist 140
spatial knowledge 136–137
talk and text 134–135, 137, 139
social Darwinism 27, 31
social forestry conservation 187–191
social institutions 129, 179
social knowledge 132
social mobilization 41, 217
social networks 84
social object approach 128–129
social practice 181
social stratification 171–175
social structures 70, 200–205, 207, 210–214
sociocultural values 208
socio-environmental outcomes 5
degradation and marginalization thesis 169
ecological challenges 110–112, 120
explanation challenges 151
political ecology 82–83, 84, 94
soft constructivism 127–130, 140
soil erosion 60, 161–162
see also land degradation
Sommerville, M.F. 31
Southern Yucatán Peninsular Region (SYPR) 145, 147–148
spatial knowledge
conservation and control thesis 183
degradation and marginalization thesis 172–173
explanation challenges 146–147
social construction 136–137
Spivak, G. 71–72, 221
spoken reasoning 138
stakeholders 208–210
state conservation goals 197–198
state of nature claims 97–98
state rule/control 178–181, 187, 218–219
Steward, J. 37–40, 42
Stott, P. 16
structural analysis 94
structural determinism 90
subaltern studies 83
subjects 75–76
see also environmental subjects and identity thesis
subsistence producers 83, 116–117, 125
Sullivan, S. 16
Sundberg, J. 222
sustainability 3
determinism 28, 32
environmental conflict and exclusion thesis 209
political ecology 99–100
political objects and actors thesis 234
symmetry 76–80
tactical construction 131
taxonomies 125, 135–136, 151
territorialization of conservation space 180–181, 193, 195
texts 86–87
chains of explanation model 88–91
contradictions 95–97
critical powers 99
equity and sustainability 99–100
human–non-human dialectics 94–95
marginalization 88, 91–94, 99
power of political ecology 98–100
social construction 134–135
state of nature claims 97–98
winning and losing 87–94
Thompson, E.P. 93
Thoreau, H.D. 129
time series analysis 85
tourism 108–109, 177
trade policies 168, 171
traditional resource management systems 179–180, 185–187
traditional societies 133
tragedy of the commons 51–54, 182, 234
Turner, B.L. 144–145
uncooperative materiality 234–235, 240
unintended consequences 196–198
unspoken reasoning 138
urban ecological research 72–74
urban metabolism 73–74
urban political ecology 33–34, 83
urbanization 3, 90
usefulness 110
utilitarianism 32
Index

valuation 18–19
variability of ecological systems 112–119
Vayda, A.P. 46, 148–150
vector-borne disease 241–243
von Humboldt, A. 29, 31
vulnerability studies 153

Wade, R. 52
Wainwright, J. 220–222
Walker, P. 205–206
Wallace, A.R. 30–31, 32
Walters, B. 148–150
waste management 1–3, 248
welfare systems 17
wetlands 209, 243

White, G. 33, 35
wilderness 177–179, 180
Willems-Braun, B. 137–139
Wisner, B. 35
Wittfogel, K. 56, 57
Women in Development (WID) 65, 205
Wood, C.H. 164, 170
Woolgar, S. 127–128
World Bank 13, 63
Worster, D. 66–67

Zimmerer, K. 209
zones of conflict 209

This index was prepared by Neil Manley.