Index

Aboriginal and Torres Strait Islander  87
Aboriginal community  65–6, 87
sustainable livelihoods of  334
Aboriginal Social Impact Assessment
  (ASIA)  141, 145, 148
adaptive capacity  165, 323–5, 328–9,
  331, 337–8
adaptive management  5, 44, 54, 196,
  207, 234, 241, 245–7
adivasis (original inhabitants)  120
adjustment lending  308–10, 312
Adjustment Lending Retrospective (2001)
  310
affected community  4, 6–7, 14, 17, 23,
  44, 46, 62, 79–80, 82, 86, 90,
  142, 194, 239, 247, 292, 302–4
African Development Bank  309
agriculture and tree plantation industries,
residential location of workers in
  181
Aim for Human Rights, in the
  Netherlands  361–3
Alberta Oil Sands Developers Group,
  Canada  209
alternative dispute resolution (ADR)  276
Anglo Ferrous Brazil  245
apartheid  38, 39, 42, 55
Argyle Participation Agreement
  (Australia)  64–8, 74
artisanal and small-scale mining (ASM)
  296
Ashoka Open Cast Project (OCP), India
  124–5
Asociación de los Andes de
  Cajamarca  246
aspirations  10, 11, 14, 74, 120, 143, 237,
  242, 263
Australia
  Aboriginal community  65–6
  Argyle Diamond Mine participation
    agreement  64–8, 74
Australian Bureau of Statistics (ABS)
  328, 332, 336
Department of Families, Youth and
  Community Care  283
Emergency Management Australia
  (2001)  164
Indigenous Land Use Agreement
  65
Native Title Act (2005)  65, 69
Oxfam Australia  64
Planning Institute of Australia (PIA)
  96, 105
Regional Forest Agreement  324
Sustainable Resource Community
  policy (2008)  56
Western Cape Communities
  Co-Existence Agreement
  (WCCCA)  68–70, 74
autonomy  85, 139, 317
baseline  11, 28, 66, 72, 122, 138, 142,
  145, 164, 171, 174–9, 181–4,
  207, 209, 215–16, 234, 240–241,
  244, 258, 299, 327, 348
baseline analysis, concept of  174–9
Base Realignment and Closure Program
  (BRAC), USA  222
Basic Conditions of Employment Act
  (1997), South Africa  42
Benti village (India), case study  123–5
Berger, Thomas  84
BHP Billiton  142, 241, 243
Broad-Based Socio-Economic
  Empowerment Charter for the
  South African Mining Industry
  64
business development and growth,
  programs for  245
business risk  27
business strategy, for implementation of
  SIA  25–6
New directions in social impact assessment

Canada 70–71, 74, 84, 133, 134, 139, 146–8, 197, 203, 209, 257, 277
capacity building 6, 14, 29, 64, 68, 105, 245, 246, 256, 260, 270, 320, 327
case study
  Benti village (India) 123–5
  oil companies operating in Yemen 293
Casino Control Act (1991), New Zealand 98
Central Coalfields Limited (CCL) 124
  community development program 125
Centre for Research on the Epidemiology of Disasters (CRED) 154
Cernea, Michael 121, 187, 191–2
  Cernea’s impoverishment risks and reconstruction model 191–2
Certified Environmental Practitioner Scheme 96
children’s education, gender impacts of 131
citizen-based monitoring system 53
Citizens’ Assembly, British Columbia 257
citizens’ jury 267
CivicEvolution 261
civil society
  empowerment of 53
  organizations 51, 355, 362
  social impact on 52
climate change 161–2, 167, 289
  application of community sensitivity to 334–6
  vulnerability assessments 165–6
closure planning
  Newmont Waihi Gold (NWG), New Zealand 227–30
  and the practice of SIA 222–5
  social impacts of mine closure 225–7
Coal India Limited (CIL)
  Central Coalfields Limited (CCL) 124
  monetary compensation 122, 126
  ‘Resettlement and Rehabilitation’ (R&R) Policy 121–2, 126
  self-employment policy for affected people 122
code of ethics 97–8, 100
collaborative governance 253–4, 256, 264
Commerce and Production Chamber of Cajamarca 246
Committee on Economic, Social and Cultural Rights (CESCR) 359, 361, 363
community contracts 7
decision-making systems 81–2
development agreements 7
empowerment 50, 89, 256
engagement 17, 26, 63, 71, 73, 145–6, 230–31, 253–4, 266, 269, 301
enhancement program 338
grievance mechanism 301–3
liaison 294, 300–301
mobilization 23
community-based agreements 7
  as an alternative to regulatory SIA 62–4
Argyle Diamond Mine participation agreement (Australia) 64–8
Diavik Diamond Mine participation agreement (Canada) 70–71
Murowa Resettlement agreement (Zimbabwe) 71–3
Western Cape Communities Co-Existence Agreement (WCCCA) 68–70
approach for 59
limitations of regulatory SIA for 62
regulatory requirements for 60
social impacts on communities 63
community liaison officer (CLO) 301
community sensitivity
  and adaptive capacity to change 329
  application to climate change 334–6
  forestry 336–7
definition and assessment of 323–4
  elements of the five capital areas 330
  indices for TRC towns 335
  integrated framework for assessing 329
  selecting indicators of 327–8
  and social impact assessment 337–8
  sustainable livelihoods approach as an integrated model of 324–7
community sensitivity index (CSI) 324
  application of  338
  development of  329–30
  economic capital  331
  human capital  332
  important considerations in the selection of indicators  333–4
  natural capital  331
  physical capital  331
  social capital  332–3
  indicators used to assess key capital areas in  333
  community sustainability, theoretical approach to  325
  community vulnerability
    selecting indicators of  327–8
    sustainable livelihoods approach as an integrated model of  324–7
  community vulnerability indices  335
    for highly sensitive forestry-dependent communities in Victoria, Australia 337
  company–community agreements  71
  interactions  63, 74
  compensation xxxi, 70, 72, 73, 75, 120, 121, 122, 126, 130, 194, 196
  comprehensive HuIA  348–9
  conflict
    causes of  288–90
    concept of  275
    costs to companies  292
    environmental see environmental conflicts
    research  274
    resolution and management  273
  conflict assessment
    intersections between impact assessment and  295–6
    role of  281–2
  conflict management, SIA as tool for  279–81
  conflict mediation
    building trust  299–300
    in context of SIA  284–5
    environmental  276–7
    impact assessment and  277–9
  conflict sensitivity
    in the extractive sector  290–92
    impact assessment  292–4
    building processes  294–6
  building trust  299–300
  and establishment of community liaison teams  300–301
  project impacts on the community  298–9
  setting up of grievance mechanisms  301–3
  socioeconomic and political context  297–8
  working within the human rights framework  303–4
  consensus forum  268–9
  coordinated community engagement  213
  corporate community involvement (CCI)  88–9
  corporate planning systems  81
  corporate social responsibility (CSR) xxvii, 8, 88
    obligations of companies  10
    'corrosive community' reaction  224
    cost-benefit analyses  41, 238
    crime  43, 205
    cultural awareness training xviii
    cultural heritage protection  62, 69
    cultural impacts, of mining projects  129–30
  cumulative effects assessment
    methods for assessment and management of  206–8
    pathways of  205
    predictive assessment and the revision of alternatives  210–11
    profiling and baseline studies  209
    reasons of  202
    and revision of alternatives  210–11
    scoping, forecasting and the formulation of alternatives for  208–9
    steps for responding to  216–18
    systems perspective of  205–6
  cumulative impacts xxxii, 16, 22, 51, 202–18

Dams
  Orme, Arizona  193
  Bayano, Panama  192
  Ita, Uruguay  197
  Kariba, USA  193
  Kinzua, USA  193
  Yacyretá, Argentina and Paraguay  193
New directions in social impact assessment

- dam-induced involuntary community resettlement 187
- death 118, 126, 154, 156–8, 162, 166, 188, 197, 289
- decentralization 315
- decision-making 21, 91
- and deliberative democracy 253–4
- for development project 193
- in environmental conflict situations 273
- expert-driven model of 266
- human impact assessment 352
- integration of SIA into 30–33
- societal planning and 273
- deliberative democracy 253–4
- global application of 257–8
- practical application of
- for creating an integrated, power-sharing model of SIA 263–7
- for improving typical SIA practice 258–63
- role of
- deliberativeness 255–6
- representativeness 255
- deliberative poll/survey 264
- Deming cycle 27
- democratization 38, 265, 269
- Department for International Development (DFID), UK 310, 326
- Department of Minerals, South Africa 55–6
- development policy lending 309
- development projects
- assessment of social impact on 85, 87
- and community resettlement issues 186
- involuntary community resettlement outcomes 194
- resettlement process, theoretical frameworks of 186–7
- strategies for improving resettlement outcomes
- for improving living standards and livelihoods 196–7
- participatory options assessment 197
- resettlers as project managers and owners 197–8
- Diavik Diamond Mine participation agreement (Canada) 70–71
- disasters
- impact of 154–7
- number of deaths worldwide by disaster type 156
- post-disaster and social impact assessment 164–5
- social impacts arising from earthquakes and volcanic eruptions 162–3
- fires 161–2
- floods and tornadoes 158–9
- hurricanes, typhoons and cyclones 159–61
- worldwide cost by type of 155
- diversity 38, 139, 266, 268, 332, 333
- double decker economy 39, 48
- earthquakes and volcanic eruptions, social impacts arising from 162–3
- economic
- capital 331, 336
- diversification 235, 241, 243
- empowerment 64
- education sector reform, Mozambique 317
- El Salvador earthquake 162–3
- emergency management 154, 157, 159, 164, 166–7
- Emergency Management Australia (2001) 164
- employment 313
- empowerment 6, 7, 50, 53, 64, 89, 105, 256, 355, 361
- enhancement 10, 105, 217, 323, enterprises, creation of new 245
- environmental assessment practitioner (EAP), South Africa 45
- environmental conflicts
- characteristics of 274–6
- mediation 276–7
- environmental degradation 38, 120–21, 133, 275
- environmental dispute resolution 276
- environmental health impact assessment 343
current practices in 283–4 in India 120
public participation for 53, 283
Environmental Impact Assessment Procedure Act, Finland 351
Environmental Management Act, South Africa 45
environmental management systems 8, 26–7
environmental policy 4, 96, 273–4
Environmental Protection Act (1986), India 120
Environmental Review Panel (ERP) 144, 148
environmental scarcity 275
Environment Court of New Zealand 109
Environment Institute of Australia and New Zealand (EIANZ) 96, 105
equality impact assessment 361
Equator Principles 104
equity 6, 105, 253, 256, 264, 265, 319, 343, 347
ethical issues and dilemmas
code of ethics 97–8
ethical standards 110–12
implications associated with 106–7
overview of 97–8
in practice 107–10
social impact assessment (SIA)
applications of 99
and ethical codes 99–100
IAIA principles for 111
professional practice 98–9
training courses 96, 111
in social sciences 100–104
trends in related principles, guidelines and ethical codes 104–6
exclusion 85, 87, 314
Extension of Security of Tenure Act (1997), South Africa 42
ExxonMobil 238
family violence 129
farm workers, SIA experience 42
fear 23, 46, 89, 109, 130–131, 133, 227, 259, 263, 288, 301, 356–7
Federal Emergency Management Authority, USA 164
female property rights 314
feminist perspectives, on social impacts 117–20
fieldwork 102
fires, social impacts arising from 161–2
floods and tornadoes, social impacts arising from 158–9
fly-in, fly-out (FIFO) 226
food security 123–4, 133, 316
of affected households 127
decline of 127
forecasting 208–9
foreign direct investment 121
forestry, application of community sensitivity analysis to 337–8
free market capitalism 39
‘free, prior and informed consent’ (FPIC) xxxi, 6–7, 12, 13
fundamental human rights 355, 357–60
gair majurwa land 125
gated community economics 43–4, 46
gendered conflicts 130
gendered division of labour 123
gendered health effects 128–9
gender impacts
of displacement 122–3
ecofeminism-based analyses of 134
meanings of
changes to the way of life 132
children’s education 131
differential impacts on culture 129–30
differential mobility and fear 130–31
economic opportunities 131–2
food security 127
gendered conflicts 130
gendered health effects 128–9
gender relationships around household finances 126–7
land loss and disenfranchisement 125–6
water scarcity 127–8
gender relationships, around household finances 126–7
geopolitical scarcity 275
German Development Agency (GTZ) 319
Gini coefficients 38
Global Leaders of Tomorrow Environment Taskforce 327
global network society, development of 63
Global Reporting Initiative (GRI) 215
Gold Discovery Centre project, New Zealand 230
Green triangle region 173, 178
grievance mechanism, community 301–3
grieving for a lost home syndrome 188–9
groundwater management 319
Guide to Human Rights Impact Assessment and Management 362
Guiding Principles on Business and Human Rights 9

health impact assessment (HIA) 341–2, 346, 364
Health 2015 Public Health Program 343, 347
Health Rights of Women Assessment Instrument (HeRWAI) 361
host communities 24, 70, 72, 74, 188, 189, 194, 195
hot-bedding 210
household assets 72, 73, 117, 121, 127, 129, 134, 314–5
housing 44, 140, 142, 143, 147–9, 160, 162–3, 171, 181, 188, 190, 203, 210, 227, 229, 230, 243, 314, 358
human capital 236, 325, 332, 336, 338
human impact assessment (HuIA) 283
comprehensive 348–9
convergence 344–5
development in Finland 347–8
importance of 342–4
of integrative culture 346–7
interrelations between SIA and HIA in 344
process of 341
rapid 349–52
related to decision-making process 352
human rights 120, 303–4
abuses, state duty to protect against 9
added value of framework of 366–7
fundamental 357–60
respect for 12
Human Rights Council of the United Nations 9
human rights impact assessment (HRIA) 9, 360–63
core values 356–7
seven general principles for 363–5
six steps for integrating human rights into 365–6
Human Rights Impact Resource Centre 361
hunger 127, 162
hurricanes, typhoons and cyclones, social impacts arising from 159–61
Hydro-Quebec’s Great Whale Project 193–4

immigration 39–40
immunization, of children 129
Impact Assessment and Project Appraisal 6
impact and benefit agreement (IBA) 4, 7, 12, 32, 59–75, 142, 144, 147
impact assessment (IA) and conflict assessment 295–6
and conflict mediation 277–9
conflict sensitivity 292–4
building processes 294–6
building trust 299–300
and establishment of community liaison teams 300–301
project impacts on the community 298–9
setting up of grievance mechanisms 301–3
socioeconomic and political context 297–8
working within the human rights framework 303–4
integration of collaborative approach into 282–3
practice and outcomes 259
<table>
<thead>
<tr>
<th>Index</th>
<th>375</th>
</tr>
</thead>
<tbody>
<tr>
<td>public participation in 254–5</td>
<td></td>
</tr>
<tr>
<td>relation with conflict mediation/resolution 273</td>
<td></td>
</tr>
<tr>
<td>role in conflict situations 277</td>
<td></td>
</tr>
<tr>
<td>‘impacts of mining on women’ projects 119</td>
<td></td>
</tr>
<tr>
<td>impoverishment 121, 123, 124, 129, 130, 187, 189, 191–7, 275</td>
<td></td>
</tr>
<tr>
<td>Indaba see Open Space Technology (OST)</td>
<td></td>
</tr>
<tr>
<td>India</td>
<td></td>
</tr>
<tr>
<td>environmental impact assessment (EIA) 120</td>
<td></td>
</tr>
<tr>
<td>Environmental Protection Act (1986) 120</td>
<td></td>
</tr>
<tr>
<td>human rights violation 121</td>
<td></td>
</tr>
<tr>
<td>Land Acquisition Act (1894) 120</td>
<td></td>
</tr>
<tr>
<td>National Rehabilitation and Resettlement Policy (2007) 122</td>
<td></td>
</tr>
<tr>
<td>National Rural Employment Guarantee Program 125</td>
<td></td>
</tr>
<tr>
<td>Piparwar and Ashoka coal-mining projects 124</td>
<td></td>
</tr>
<tr>
<td>resettlement policy 120</td>
<td></td>
</tr>
<tr>
<td>Sardar Sarovar project 197</td>
<td></td>
</tr>
<tr>
<td>social differentiation and inequality 121</td>
<td></td>
</tr>
<tr>
<td>social impacts of mining projects in 120–21</td>
<td></td>
</tr>
<tr>
<td>Indigenous communities’ rights 60, 74</td>
<td></td>
</tr>
<tr>
<td>Indigenous governance, processes and sovereignty 85</td>
<td></td>
</tr>
<tr>
<td>Indigenous Land Use Agreement, Australia 7, 65, 69</td>
<td></td>
</tr>
<tr>
<td>Indigenous-owned enterprises development of 233</td>
<td></td>
</tr>
<tr>
<td>pre-qualifying 243</td>
<td></td>
</tr>
<tr>
<td>‘Indigenous ownership’ of SIA, concept of 144, 146</td>
<td></td>
</tr>
<tr>
<td>Indigenous peoples issues for SIA practitioners 150–51 rights of 6</td>
<td></td>
</tr>
<tr>
<td>SIA processes 23–4, 139–41</td>
<td></td>
</tr>
<tr>
<td>focus, conduct and content of 144–7</td>
<td></td>
</tr>
<tr>
<td>utilization of findings 147–9</td>
<td></td>
</tr>
<tr>
<td>World bank’s policies for 306</td>
<td></td>
</tr>
<tr>
<td>inflation 72, 309, 310, 312, 313</td>
<td></td>
</tr>
<tr>
<td>informed consent, principle of 6</td>
<td></td>
</tr>
<tr>
<td>Innu and Inuit people 144, 148</td>
<td></td>
</tr>
<tr>
<td>Institute for Environmental Conflict Resolution, USA 282</td>
<td></td>
</tr>
<tr>
<td>institutional ethics 100, 106</td>
<td></td>
</tr>
<tr>
<td>integrated impact assessment (IIA) 294, 346</td>
<td></td>
</tr>
<tr>
<td>interest groups 109, 311, 327,</td>
<td></td>
</tr>
<tr>
<td>internal communication, for implementation of SIA 29</td>
<td></td>
</tr>
<tr>
<td>International Association for Impact Assessment (IAIA) 6, 9, 11, 24,</td>
<td></td>
</tr>
<tr>
<td>96, 98, 104, 105, 110–112, 307, 346</td>
<td></td>
</tr>
<tr>
<td>Code of Conduct 105</td>
<td></td>
</tr>
<tr>
<td>International Bill of Human Rights 358, 364</td>
<td></td>
</tr>
<tr>
<td>International Business Leaders Forum 362</td>
<td></td>
</tr>
<tr>
<td>International Covenant on Civil and Political Rights (ICCPR) 358–9</td>
<td></td>
</tr>
<tr>
<td>International Covenant on Economic, Social and Cultural Rights (ICESCR) 358–9</td>
<td></td>
</tr>
<tr>
<td>International Finance Corporation 100, 241, 362</td>
<td></td>
</tr>
<tr>
<td>Linkages Program 246</td>
<td></td>
</tr>
<tr>
<td>International Handbook of Social Impact Assessment, The 3</td>
<td></td>
</tr>
<tr>
<td>international human rights law 355, 357, 365</td>
<td></td>
</tr>
<tr>
<td>International Monetary Fund (IMF) 310</td>
<td></td>
</tr>
<tr>
<td>International Network on Displacement and Resettlement 186–7</td>
<td></td>
</tr>
<tr>
<td>International Organization for Standardization 8</td>
<td></td>
</tr>
<tr>
<td>International Principles for Social Impact Assessment 3–5, 8–9, 12, 48, 59, 89, 98, 263, 356</td>
<td></td>
</tr>
<tr>
<td>irrigation 319</td>
<td></td>
</tr>
<tr>
<td>ISO 14001 Environmental Management Systems 8</td>
<td></td>
</tr>
<tr>
<td>ISO 26000 Guidance on Social Responsibility 8–9</td>
<td></td>
</tr>
<tr>
<td>ISO 9001 Quality Assurance 8</td>
<td></td>
</tr>
<tr>
<td>Ivan, hurricane 159</td>
<td></td>
</tr>
<tr>
<td>James Bay Cree Nation 193</td>
<td></td>
</tr>
<tr>
<td>Jharkhand Department of Forest and Environment 124</td>
<td></td>
</tr>
<tr>
<td>joint ventures 194, 198, 235, 240, 291</td>
<td></td>
</tr>
</tbody>
</table>
Katrina, hurricane 159–60
Kennedy School of Government at Harvard University 289
key performance indicators (KPIs) 47, 236
Kimberley Land Council (KLC) 142
Kimberley Region, Western Australia Draft Strategic Assessment report 146
Indigenous ownership of SIA 146
SIA and LNG development in 141–4
labour, gendered division of 123
Lake Macquarie fishery 223
Land Acquisition Act (1894), India 120
land loss and disenfranchisement, gendered impacts 125–6
Land Use and Building Act, Finland 347
land use change concept of
assessing against the baseline 174–9
tipping point 182–3
rural 171
social assessments for the impacts of 172
social change analysis for interactions of 183–4
spatial linkages 179–81
spatial analysis for social change 179–81
Larry, cyclone 160
lending adjustment 308
developmental policy 309
policy-based 307, 308–10
structural adjustment 309
like-for-like land 72
liquefied natural gas (LNG) 139
projects in Kimberley Region, Western Australia 141–4
livestock management 190
local area forum 260
local economic development programs 55
local procurement
current trends in 234–6
impact variables 242–3
policies and standards 233
use of SIA to enhance opportunities for
issues and opportunities 236–40
monitoring and adaptive management 245–7
selecting impact variables and measuring the baseline 240–41
selecting strategies 241–5
local supplier development programs 246
Mackenzie Valley Pipeline Inquiry 84
management systems, for implementation of SIA 26–7
management training 235, 245
marginalization 139, 140, 146, 191, 296
mental health 89, 159, 343
migration
in-migration 29, 124, 173, 176, 178, 215, 229, 235, 295–7, 300
out-migration 118, 123, 160–161, 167, 182, 222
mine closure
Newmont Waihi Gold (NWG), New Zealand 227–30
social impact of 225–7
Mineral and Petroleum Resources Development Act 2002
(MPRDA), South Africa 55–6, 64
Minera Yanacocha 246
minimum wage, concept of 42
mining-induced displacement 121, 128
Mining, Minerals and Sustainable Development initiative 226
mining projects in India
Benti village case study 123–5
economic impacts of 123
gender impacts of changes to the way of life 132
children’s education 131
differential impacts on culture 129–30
differential mobility and fear 130–31
displacement 122–3
economic opportunities 131–2
food security 127
gendered conflicts 130
gendered health effects 128–9
gender relationships around household finances 126–7
land loss and disenfranchisement 125–6
water scarcity 127–8
Piparwar and Ashoka coal-mining projects 124
policy inadequacies 121–2
social impacts of 120–21, 123
mining trade unions 318
Mining Watch 64
‘mirror of impacts’ 345–6
Mitch, hurricane 162
Mozlink SME-level baseline indicators 244
multilateral development banks (MDBs) 308
Murowa Resettlement Agreement (Zimbabwe) 71–3
National Advisory Council for Youth Affairs 349
National Environmental Policy Act (1970), USA xxvii, 5, 60, 283
National Rehabilitation and Resettlement Policy (2007), India 122
National Research Centre for Resettlement at Hohai University, China 187
National Rural Employment Guarantee Program, India 125
National Statement on Ethical Conduct in Human Research (2007) 100
National Water Sector Strategic Investment Plan (NWSSIP), Yemen 319
Native Title Act (2005), Australia 65, 69
natural capital 331, 336
natural hazards
earthquakes and volcanic eruptions 162–3
fires 161–2
floods and tornadoes 158–9
hurricanes, typhoons and cyclones 159–61
social impacts of closure at 227–30
New Zealand
Association for Impact Assessment 105
Casino Control Act (1991) 98
Environment Court of New Zealand 109
Gold Discovery Centre project 230
Newmont Waihi Gold (NWG) 227–30
New Zealand Planning Institute (NZPI) 96
New Zealand Resource Management Act (1990) 96
NIMBY 281
non-government organization (NGO) 5, 21, 23, 47, 63, 64, 120, 157, 162, 242, 260, 261, 282, 291, 310, 361
North Karanpura Coalfields 124
Norwegian Agency for Development Cooperation (NORAD) 361
occupational health and safety 27
oil companies operating in Yemen, case study 293
open cut mining 127
Open Space Technology (OST) 261, 262–3
operational-level management 28
organic social systems 61
organizational issues, influencing implementation of SIA
business strategy 25–6
internal communication 29
management systems 26–7
ownership 27
planning methodologies 26
skills and resources 28–9
structural arrangements 28
New directions in social impact assessment

ownership issues, influence on implementation of SIA 27
Oxfam 310
Oxfam Australia 64
Oxfam Australia Mining Ombudsman 23

participation agreements 62, 64, 70
participatory rural appraisal (PRA) 349
partnering agreements 7
partnerships and multistakeholder working groups 213–14
Peruvian National Fund for Job Training and Employment Promotion (FONDOEMPLEO) 246
physical capital 331, 336
physical scarcity 275
Piparwar Open Cast Project (OCP), India 124–5
Plan–Do–Check–Act cycle 27
Planning Institute of Australia (PIA) 96, 105
plantation expansion 173–8, 182–4
policy-based lending 307–8
context of 308–10
policy proofing 346
policy reform, political economy of 317–20
population growth 175, 177, 182, 205
Porto Alegre, Brazil 257
post-traumatic stress disorder (PTSD) 159, 161
poverty 38
poverty and social impact analysis (PSIA) 306
in context of policy-based lending 308–10
emergence as a multidisciplinary approach 310–12
vs. social impact assessment (SIA) 307–8

World Bank’s work on 320
PricewaterhouseCoopers 72
privatization of services 314
professional community, values of 5–6
professional value system 105, 355
profiling 11, 28, 83, 209, 237, 238, 337
program financing 307
project-affected peoples 13, 15, 17, 21, 30–32, 34, 186, 193, 198
project development considerations for 63
cycle 23
and impacts on the community 298–9
planning and design for 52
process 52, 59
project’s supply chain, impacts of local community participation in 236–7
context analysis of 237
demand analysis of 238
industry analysis of 239
local SME profiling 238
stakeholder participation processes in scoping 240
property rights 275, 314
prosperity 41
‘Protect, Respect and Remedy’ Framework, principles of 9
public consultation 31, 99, 108
public good 86, 266, 319
public involvement 72, 107, 254
public participation 14, 50, 51, 53, 82, 254–5, 258, 280, 281, 283
public participation, in impact assessment 254–5
public sector investment 318
public sector marketing corporations 316
public sector organizations 8
qualitative methods 47, 100, 103, 104, 241, 345
quality assurance 26, 55
quality of life 14, 40, 80, 223, 224, 234, 314, 318, 355, 356
rapid HuIA 347, 349–52
rapid impact assessment 349–50
stages of 351
rapid rural appraisal (RRA) 349
real estate development, availability of land for 210
regulatory impact assessment (RIA) 361
Index

relocation 73, 122, 158, 160–161, 163, 166 (see also resettlement)
resettlement process
strategies for improving
living standards and livelihoods 196–7
participatory options assessment 197
resettlers as project managers and
owners 197–8
theoretical frameworks of 186–7
Cernea’s impoverishment risks and
reconstruction model 191–2
combining and broadening the two
analytical frameworks 192–4
four-stage framework 187–91
policy-relevant theoretical
frameworks 187
resilience 16, 88, 141, 154, 165–7, 222,
224, 225, 231, 237, 323–34
resource companies 63, 142, 235–6,
240
resource conflict 275
resource dependent community 166, 223
resource scarcity, types of 275
respect for human rights, concept of 12
Rights & Democracy 361–3
risk management 10, 27, 299, 311
risk mitigation strategy 63, 311
Rita, hurricane 159–60
royalties xxxii, 64
Ruggie, John 9, 291, 301, 303, 362
rural land use change 171
social impact assessment of 172–4
rural livelihoods analysis 328
rural water supply and sanitation 319
Sardar Sarovar project, India 197
scheduled caste (SC) 124
scheduled tribes (ST) 120, 124
shared responsibility agreements 7
Shell Nigeria 237
Shiva, Vandana 133
SIA consultants, role of 5
skills and resources, for implementation
of SIA 28–9
small to medium enterprises (SMEs)
234, 236, 239–40
Social and Environmental Assessment
and Management Systems 52
social and labour plan (SLP) 55–6
social capital 165, 222, 230, 243, 332–3,
336
concept of 224
Social Dimensions of Adjustment
Project, World Bank 309
social impact assessment (SIA) 3–4, 38
business case for 10–11
community, place and difference
86–8
concept of 5
corporational keywords in 82–4
conflict management 15
cumulative impacts 16
current good practice 11–12
current paradigm in 4–5
deficiencies in ability to influence
decisions and policies 61
ethical practice 98–9
expert-driven model of 259
farm workers 42
integration into decision making and
management practices 30–33
key points to consider in 12–17
legislative requirements for 22
new developments 6–10
participation and social responsibility
90
participatory models of 260
vs. poverty and social impact analysis
(PSIA) 307–8
power and the state 84–6
power-sharing model of 263–7
professional association 5–6
relationships with public participation
and mediation 280
relation with ‘free, prior and informed
consent’ (FPIC) 7
road map to more sustainable 53–6
scope and function of 24
shared values and norms 6
technocratic model of 259–60
Terms of Reference for 109
as tool for conflict management
279–81
US Guidelines and Principles for
104
value of 17
social impact management plan (SIMP) 5, 12, 33
development of 16–17, 22
social impacts
challenges of assessing policy reforms 316–17
from different type of disasters earthquakes and volcanic eruptions 162–3
fires 161–2
floods and tornadoes 158–9
hurricanes, typhoons and cyclones 159–61
feminist perspectives on 117–20
of mining projects in India 120–21
social inclusion 87, 133, 165, 266, 357
social learning 53, 254, 256
social licence to operate xvii, 4, 6, 10,
47, 50, 52, 63, 64, 233, 291
social media 260–61
social monitoring 47, 54, 100
social power 84–6
social reporting 80, 88, 108
social responsibility (SR)
of an organization 8
definition of 8
development of standard for 9
participation and 90
principles of 8
social return on investment 5
social risk 27, 30, 295
social safety nets 39
social sciences, ethical standards in 100–104
social sustainability 14, 17, 38–57, 342
definition of 40–41
SIA contribution to 51
sociocultural stress 189
socioeconomic disparities 38
socio-economic indices for areas (SEIFA) 328
socioeconomic scarcity 275
sole sourcing strategy vs. competitive bidding 243–5
South Africa
Basic Conditions of Employment Act (1997) 42
central vs. local power relations 39
Department of Minerals 56
EIA regulation 45
Extension of Security of Tenure Act (1997) 42
farm workers 42
gated community economics 43–4
home relocation 44
Mineral and Petroleum Resources Development Act 2002 (MPRDA) 55–6, 64
power lines and mines 43
quality of life 40
SIA practitioners 39
social and ideological divisions 39
social upliftment 40
sustainable development needs 40
transformation 42–3
South African identity 38
spatial extent impacts 204
spatial intensity impacts 204
stakeholder analysis 11, 295, 311
stakeholder participation processes, in scoping 240
standard for social responsibility 8–9
standard of living 303, 358
state planning systems 80–81
strategic environmental assessment (SEA) 316, 342
strategic sustainability assessment 279
structural adjustment lending 309
Structural Adjustment Package 223
supplier development programs 241, 245–7
supplier development project (PDP Cajamarca) 246
sustainable development 88, 343
concept of 38, 48
interventions required for moving towards 49
social aspects of 40
sustainable livelihoods approach (SLA) 323
as an integrated model of community sensitivity and vulnerability 324–7
sustainable livelihoods framework 326
sustainable partnerships, between civil society and developers 52
Sustainable Resource Community policy (2008), Australia 56
Swaziland Environmental Authority 46
Swisscontact-Recurcos SAC 246

taxes 314–15
terms of reference (ToR) 31, 84, 109, 144, 217, 228
tipping point, concept of 182–3
tourism 89, 142, 145, 195, 227, 230, 243
town resource cluster analysis (TRC-analysis) 180, 334
Traditional Owner Negotiating Committee 146
Traditional Owners 64–9, 142, 144–8
class 312–13
‘trickle-down’ theory 312
triple bottom line xvii, 88
Tuscany Law on Participation (Law No. 69), Italy 257

UNICEF 364
United Kingdom
Department for International Development (DFID) 310, 326
United Nations 9
Committee on Economic, Social and Cultural Rights 359, 361, 363
Committee on the Rights of the Child 359, 361, 364
Conference on Environment and Development (Earth Summit) 38
Declaration on the Rights of Indigenous Peoples (2007) 6, 13, 60
Development Programme 309
General Assembly 60, 357, 358
Global Compact 362
United States of America
Base Realignment and Closure Program (BRAC) 222
Federal Emergency Management Authority 164
Institute for Environmental Conflict Resolution 282
National Environmental Policy Act (1970) 60, 283
Universal Declaration of Human Rights (UDHR) 193, 357, 358

unprofitable businesses, programs for improvements to 245
upliftment of disadvantaged communities 39
urban planning 274, 284
urban transport systems 84
urban water supply 319

violence 160, 288, 289, 293, 299, 300
(see also conflict)
visioning 7, 260,
Vision Waihi Trust 228
Voisey’s Bay nickel mine projects, land claim negotiations 144, 148

Waihi Community Consultative Committee (WCCC) 228
Waihi Community Vision (WCV) 228–9
water pollution 127
water poverty index (WPI) 328
water scarcity 127–8, 319
Western Cape Communities Co-Existence Agreement (WCCCA), Australia 68–70, 74
‘women, environment and development’ (WED), concept of 133

World Bank
Adjustment Lending Retrospective (2001) 310
‘Bankwide review’ 194
devlopment policy lending 309
policy-based lending 308–10
policy on project appraisal 306
safeguard policies 306
Social Development Department 310
Social Dimensions of Adjustment Project 309
work on PSIA 320

world café 262

World Commission on Dams (WCD) 186, 193, 197
World Commission on Environment and Development 40
World Development Report 2000/2001 312
World Health Organization 343, 346, 364
World Social Forum 310
World Summit on Sustainable Development (Earth Summit +10) 38
Yavapai Nation 193
Yemen case study for oil companies operating in 293
National Water Sector Strategic Investment Plan (NWSSIP) 319