

Index

- access fees, DWF 135–6, 139
- access to safe water 58–60
- accounting practices 104–6, 109
- accreditation, tourism 6
- ACP *see* African, Caribbean and Pacific Group of States
- action plans
 - agriculture 85
 - marine resources 44, 45–7
 - water resources 65–7, 69
- adaptation to climate change 17–35, 62
- adaptive decision-making 51
- adaptive management 25
- ADEME (French Environment and Energy Management Agency) 103–4
- African, Caribbean and Pacific Group of States (ACP) 96, 129–44
- Agenda 21 7, 11–12, 14
- agriculture 75–90
- Aid Effectiveness Declaration 49
- AIMS (Atlantic, Indian Ocean, Mediterranean and South China Seas) 113–16
- airlines 97, 118
- Antigua and Barbuda 115–16
- Apia Policy 132, 140
- aquaculture 136
- aquifers 58
- AR4 (Fourth Assessment Report), IPCC 19
- arable farming 77
- Aruba 115–16
- Atlantic, Indian Ocean, Mediterranean and South China Seas (AIMS) 113–16
- AusAID
 - Samoa Fisheries Development Project 43
 - Water Safety Plans 68
- Australian trade 131, 133, 139–40
- ‘balance’, tourism and 118
- Barbados
 - energy resources 105, 108
 - green economy policy 122
- Barbados Programme of Action (BPOA) 7–8, 11, 78, 91–2, 96, 118
 - see also* Mauritius Strategy for Implementation
- Barbuda 115–16
- basal aquifers 58
- bêche-de-mer fisheries 40, 42
- benchmarking water access 60
- benefit-cost analysis
 - DRR measures 21
 - renewable energy 105
 - water investments 70
- bilateral agreements
 - distant water fishing 136
 - labour mobility 133–4
- biodiesel 99, 106
- biodiversity
 - losses 24–5
 - Pacific islands 37
- biofuels 104, 109
- biogas 101, 104
- biomass 96, 98, 100, 105, 108
- biosecurity 84
- bleaching of coral reefs 41
- BPOA *see* Barbados Programme of Action
- Brundtland Commission 8
- Canadian trade 134
- canned tuna exports 136–7
- capacity
 - building 62
 - carrying capacity 18, 120–1
 - definition 17
- Caribbean Alliance for Sustainable Tourism (CAST) 121
- Caribbean Basin Initiative 101
- Caribbean Community and Common Market (CARICOM) 95–6, 98, 102, 105
- Caribbean Disaster Emergency Management Agency (CDEMA) 28
- Caribbean region
- climate change policy 28, 101
 - disaster management 3
 - energy efficiency 95–6, 98, 100, 102, 105–6
 - EU trade 138
 - NSDS overview 11–14
 - renewable energy 100, 105–6
 - tourism 113–16, 121

- carrying capacity 18, 120–1
- CAST (Caribbean Alliance for Sustainable Tourism) 121
- CDEMA (Caribbean Disaster Emergency Management Agency) 28
- CDMs *see* Clean Development Mechanisms
- cellulosic feedstocks 100–1, 106
- Certified Emissions Reductions (CERs) 105–6
- championing RET/EE&C 103–4, 109
- CHARM (Comprehensive Hazard and Risk Management) 26
- China, tourism 113
- Chwaka Bay mangroves, Tanzania 20
- civil society 13–14, 103
- civil society organisations (CSOs) 13–14
- Clean Development Mechanisms (CDMs) 94, 106
- climate change 14
 - adaptation to 17–35, 62
 - key impacts 22–3
 - Pacific islands and 38–9, 41
 - policy/planning/intervention 25–6
- coal prices 94
- coastal fisheries 132, 135–6
- coastal resources
 - Indian Ocean 29
 - Pacific islands 3–4, 39–41, 135–6
 - sea-level rise effects 23–4
 - traditional management 20
- cocoa industries 82
- cogeneration of energy 109
- COI (Indian Ocean Commission) 28–9
- command and control strategies 42
- commercial consumers, energy 97
- commercialised agriculture 75, 77, 79
- Commission on Sustainable Development (CSD), UN 118
- Commonwealth Secretariat, small states and 6–7
- communal ownership of land 77
- communication, HFA priorities 31
- community-based management 43, 47–9, 52, 54
- Comoros Islands 28–9
- comparative analysis of SIDS 114–16
- competition
 - for energy 108
 - tourism and 123
- Comprehensive Hazard and Risk Management (CHARM) 26
- conflict management 78
- conservation indicators, tourism 121
- consultation strategies 13, 119
- conventional water resources 58
- Cook Islands 80, 88–9, 130, 133, 138
- coral reefs 37, 40–1, 47
- Council of Regional Organisations in the Pacific (CROP) 44–5, 86
- cross-sectoral energy issues 106–7
- cruise industry 118
- CSD (Commission on Sustainable Development), UN 118
- CSOs (civil society organisations) 13–14
- Cuba 102–3
- cultural factors
 - renewable energy 107
 - tourism 124–5
- customary land ownership 77–9, 83–4
- cyclones 41, 63
- data analysis, tourism 120–1
- data shortages 14, 131
- DDA (Doha Development Agenda) 138
- decision-making
 - EBM framework 51
 - NSDS process 49, 53
 - Pacific Plan 86
- demand management, water 66–7
- demographic stresses 25
- desalination facilities 27, 58
- destination planning 119–21
- ‘destinations’, tourism 116–17, 119
- developing countries, natural disasters 19
- development partners
 - agriculture 82
 - marine resources 43, 48, 53
- development pillars 22
- development principles, tourism 113–27
- diarrhoeal diseases 60–1
- disaster management 2, 3, 46, 63, 117
- disaster preparedness and response 32
- Disaster Risk Reduction (DRR) 2, 3, 17–35, 46
- distant water fishing (DWF) 135–6, 139
- Doha Development Agenda (DDA) 138
- ‘doing things right’ vs ‘doing the right things’ 64
- domestic industry, Pacific islands 39, 135–6
- donor resources *see* development partners
- ‘downstream’ approach, energy 98
- drinking water
 - access 58–60
 - quality 68–9
- drought events 63
- DRR *see* Disaster Risk Reduction
- DWF *see* distant water fishing
- Earth Summit 11–13
 - see also* Agenda 21
- EBA (Everything But Arms) initiative 137–8
- EBM *see* ecosystem-based management

- economic growth 8
 - Pacific islands 53, 61–2, 129–30, 132
 - tourism 113, 115
 - water investments 70
- economic indicators 70, 121
- economic integration strategies 6, 86
- Economic Partnership Agreements (EPAs) 96, 130, 134, 137–8
- economic stresses
 - climate change 25
 - tourism 122–3
- ecosystem approach, fisheries 140
- ecosystem-based management (EBM) 3–4, 45, 49–52, 75–6, 84–5
- ecosystem services 124
- education 31, 87, 107
- EE&C initiatives 94–9, 101–9
- EEBC (Energy Efficiency Building Codes) 97–8
- efficiency-improving technologies 81
- EIAs (Environment Impact Assessments) 42
- employment in tourism 113, 116
 - see also* labour arrangements
- empowerment 103–4, 109
- endogenous factors, RET/EE&C 103
- energy conservation 94–5
 - see also* energy efficiency and conservation
- energy efficiency 91–112
 - definition 94
 - EE&C initiatives 94–9, 101–9
 - LEED certification 123
- Energy Efficiency Building Codes (EEBC) 97–8
- energy efficiency and conservation (EE&C)
 - initiatives 94–9, 101–9
- energy resources 2, 5, 80, 91–112
- energy saving companies (ESCOs) 98, 105
- energy security 92, 94–5, 96
- environment, definition 18
- Environment Impact Assessments (EIAs) 42
- environmental enabling 81–2
- environmental goods/services 18–19
- environmental health 53, 92
- environmental indicators 121
- environmental problems, tourism 113, 121–3
- environmental protection 8
- environmental vulnerability, climate change 23
- EPAs *see* Economic Partnership Agreements
- ESCOs *see* energy saving companies
- European Union (EU)
 - Pacific island trade 39, 131, 134, 137–8, 140
 - renewable energy funding 106
 - Water Facility 69–70
- evaluation of water investments 71
- Everything But Arms (EBA) initiative 137–8
- expertise inadequacy, renewable energy 106
- export fisheries 135–7
- facilities operations, tourism 124
- farm production 80–1, 84
 - see also* agriculture
- FDI (foreign direct investment) 131
- FFA *see* Forum Fisheries Agency
- FICs (Forum island countries) 129–44
- Fiji
 - agriculture 80, 81–2
 - coral reefs 40–1, 47
 - fisheries 42, 43
 - key characteristics 88
 - trade agreements 130–1, 133, 136–7, 140
 - World Wildlife Fund 51–2
- financing renewable energy 104–6
- fisheries 6, 37–44, 49, 52, 129–44
- food security 79–80
- foreign direct investment (FDI) 131
- foresight
 - agricultural potential 75–90
 - definition 76
- forestry 85
- Forum Fisheries Agency (FFA) 42, 44–5, 51–2, 132, 135, 139
- Forum island countries (FICs) 129–44
- fossil fuels 92–3, 95–6, 107
- Fourth Assessment Report (AR4), IPCC 19
- free trade frameworks 6, 131, 132
- French Environment and Energy Management Agency (ADEME) 103–4
- freshwater resources 58
 - see also* water resources
- full-cost accounting methods 105, 109
- A Future for Small States: Overcoming Vulnerability* report 7
- gas resources 93–4
- GDP per capita, SIDS 115
- GEF *see* Global Environment Facility
- gender-sensitivity 24
 - see also* women, vulnerability
- geographic size of SIDS 114
- geothermal power 96, 99, 100
- GHG (greenhouse gas) removal 99
- global challenges
 - Pacific islands 37–9, 53, 129
 - tourism 117
 - water/sanitation 57–8
- Global Environment Facility (GEF) 62, 69–71
- globalisation effects 37–9, 53
 - see also* global challenges
- Good Governance principle 86

- goods
 - environmental 18–19
 - public 117, 132
- governance challenges
 - land tenure 77–8
 - marine resources 48, 53
 - Pacific Plan priorities 86
 - water management 63
- government policies *see* policy responses
- green economy policies 122
- green snail fisheries 39
- greenhouse gas (GHG) removal 99
- Gross Domestic Product (GDP) per capita, SIDS 115
- groundwater 58
- guideline-setting, tourism 123–4

- habitat loss 24–5
- harmonisation of development partners 82
- Hawaii, energy resources 99–100
- hazards 17, 18, 28
 - see also* risk
- HDI (Human Development Index) 130
- health factors
 - energy resources 92
 - marine resources 53
 - water resources 60–1, 68–9
- HELP (Hydrology for Environment, Life and Policy) 66
- HFA *see* Hyogo Framework for Action
- hierarchical planning, tourism 119
- historic resources 124–5
- hotel industry 97, 107, 117, 123
 - see also* tourism
- Human Development Index (HDI) 130
- human health 53, 60–1, 68–9
- human vulnerability, climate change 19, 23–4
- hydro resources 95–6, 98, 100, 102, 106–8
- Hydrology for Environment, Life and Policy (HELP) 66
- Hyogo Framework for Action (HFA) 3, 17, 22, 30–2

- implementation strategy
 - Disaster Risk Reduction 26
 - sustainable development 8
- import substitution concept 95
- incentive schemes, tourism 123–4
- Indian Ocean Commission (COI) 28–9
- Indian Ocean region
 - climate change policy 28–9
 - disaster management 3
 - tourism 113–16

- indicators
 - MDG indicators 14
 - tourism 120–1, 124
- industrial consumers, energy 97
- infant mortality rates 60
- infrastructure 28, 81–2, 113, 117
- innovation 75–90
- institutional capacity 14, 53, 81–2, 86
- institutional requirements, HFA priorities 30
- integrated adaptive decisions 51
- integrated coastal zone management 43
- integrated resource management 43, 47, 61–4, 68–71, 85–6
- integrated water resources management (IWRM) 61–4, 68–71
- intergovernmental institutions 2, 19, 44
- Intergovernmental Panel on Climate Change (IPCC) 19
- ‘Internal Catalyst’, RET/EE&C 103–4
- international responses
 - energy security 94
 - marine resource management 38, 47–8, 54
- internet information, natural disasters 117
- investment monitoring 70–1, 131
- IPCC (Intergovernmental Panel on Climate Change) 19
- IWRM *see* integrated water resources management

- Jamaica
 - energy resources 93, 95–7, 101–6, 108
 - tourism planning 119
- Japan 102–4, 136
- Johannesburg Plan of Implementation (JPOI) 11, 14, 45, 47

- Kiribati 130–1, 133–4, 136, 138–40
- knowledge, agricultural 75–6, 85, 87
- Kyoto Protocol 99

- labour arrangements 6, 129–44
 - see also* employment in tourism
- land tenure 77–9, 83–4
- land-to-sea ratio, Pacific islands 37–8
- land use resources 2, 5, 18, 24
- landscape, definition 18
- Law of the Sea 47
- LDCs *see* least developed countries
- leadership, tourism 122–3, 125
- Leadership in Energy Efficiency Design (LEED) 123
- learning focus, agriculture 87
- least developed countries (LDCs) 29, 129, 138
- LEED (Leadership in Energy Efficiency Design) 123

- legislation
 - climate change 29
 - energy efficiency 103
 - marine resource management 47
- liquid waste management 64
- livelihood vulnerability, climate change 25
- loin (fish) exports 137
- M&E (monitoring and evaluation) framework 71
- mainstreaming concept 1, 2, 22, 61–2
- Managed Migration Scheme 134, 140
- management of marine resources 38–43, 51
- marine resources 2, 3–4, 37–55
- marketing agriculture 79
- Marovo Lagoon, Solomon Islands 40
- Marshall Islands 130–1, 136, 138
- master plans, tourism 119, 124
- Mauritius, DRR 20, 29
- Mauritius Declaration 8
- Mauritius Strategy for Implementation (MSI) 1, 7–8
 - marine resources 45, 47
 - NSDS overview 11, 14
 - tourism strategies 5
 - water management 57
- MDGs *see* Millennium Development Goals
- medical tourism 117
- Mediterranean tourism 113–16
- Melanesia 79, 80–2, 89
- Micronesia 130–1, 136, 138, 140
- migration patterns 133–4, 140
 - see also* mobility of labour
- Millennium Development Goals (MDGs) 14, 58, 60–2, 71, 92
- Ministerial Group on Small States 7
- mitigation 25, 28
- mobility of labour 132, 133–5, 140
- monitoring
 - HFA priorities 31
 - water investments 70–1
- monitoring and evaluation (M&E) framework 71
- mortality rates, infants 60
- MSI *see* Mauritius Strategy for Implementation
- multilateral obligations, climate change 21
- National Adaptation Programmes of Action (NAPAs) 29, 62
- national biodiversity strategic action plans (NBSAPs) 44–5
- national commissions/councils 3
- National Environmental Management Strategies (NEMS) 44–5
- national sustainable development strategies (NSDS)
 - definition 76
 - implementation 8–9
 - overview 11–15
 - Pacific islands 49–53, 54, 76–7, 82–7
 - water resource management 61–2, 71
- natural disasters 17–19, 117
 - see also* Disaster Risk Reduction
- natural gas 93–4
- Nauru Island 80, 88–9, 130–1, 136, 138
- NBSAPs (national biodiversity strategic action plans) 44–5
- NEDO (New Energy and Industrial Technology Development Organization), Japan 103–4
- NEMS (National Environmental Management Strategies) 44–5
- New Energy and Industrial Technology Development Organization (NEDO), Japan 103–4
- New Zealand 68, 131, 133–4, 139–40
- NGOs *see* non-governmental organisations
- Niue 80, 88–9, 133, 138
- ‘no regrets’ adaptation policies 27
- non-conventional energy options *see* renewable energy
- non-conventional water resources 58
- non-governmental organisations (NGOs) 13–14, 103
- NSDS *see* national sustainable development strategies
- NZAID/NZODA water safety projects 68
- ocean resources *see* marine resources
- Ocean Thermal Energy Conversion (OTEC) 101
- OECS (Organization of Eastern Caribbean States) 12
- offshore fisheries 37–9, 44, 49
- Oil Peak period 92–3
- operating costs, airlines 118
- Organization of Eastern Caribbean States (OECS) 12
- OTEC (Ocean Thermal Energy Conversion) 101
- overcapacity, Pacific islands 138
- overfishing problem 39–40, 138
- PACC (Pacific Adaptation to Climate Change) 62
- PACER Plus *see* Pacific Agreement on Closer Economic Relations
- Pacific ACPs (PACPs) 129–44
- Pacific Adaptation to Climate Change (PACC) 62
- Pacific Agreement on Closer Economic Relations (PACER Plus) 130, 140
- Pacific Community, Secretariat to 42
- Pacific island countries (PICs)
 - agriculture 75–90
 - categorisation 79–80, 89
 - climate change policy 26–7
 - disaster management 3
 - energy efficiency 95–6, 98

- key characteristics 88
- land use 5
- marine management 3–4, 37–55
- NSDS overview 12–13
- tourism 113–16
- trade agreements 6, 129–44
- water management 57–73
- Pacific Island Countries Trade Agreement (PICTA) 130
- Pacific Islands Energy for Sustainable Development (PIESD) 98
- Pacific Islands Forum Secretariat (PIFS) 44, 132
- Pacific Islands Regional Oceans Policy (PIROP) 45–6, 51, 52
- Pacific Partnership Initiative on Sustainable Water Management 67
- Pacific Plan 12, 14
 - land tenure 78
 - marine management 49, 54
 - regional co-operation/co-ordination 52, 85–6, 129, 132–3
 - trade agreements 129–30, 140
 - water management 66
- Pacific Regional Action Plan on Sustainable Water Management (Pacific RAP) 46, 65–7, 69
- Pacific Regional Meeting 11
- Pacific Regionalism 132, 140
- Pacific Wastewater Policy 65
- PACPs (Pacific ACPs) 129–44
- Palau 130–1, 138
- Papua New Guinea (PNG) 130–1, 137, 140
- parastatal bodies 82
- Paris Declaration for Aid Effectiveness 49
- participatory processes 13, 25–6, 49–50, 52–4, 83
- partnerships
 - agriculture 82, 85
 - marine resources 43, 48, 53
 - tourism planning 119, 124–5
 - water management 67, 69–70
 - see also* Economic Partnership Agreements
- PCJ (Petroleum Corporation of Jamaica) 103–4
- perched aquifers 58
- Petroleum Corporation of Jamaica (PCJ) 103–4
- PfA *see* priorities for action
- photovoltaic (PV) technology 94, 99, 101–2
- PICs *see* Pacific island countries
- PICTA (Pacific Island Countries Trade Agreement) 130
- PIESD (Pacific Islands Energy for Sustainable Development) 98
- PIFS *see* Pacific Islands Forum Secretariat
- PIROP *see* Pacific Islands Regional Oceans Policy
- Plan of Action for the Sustainable Development of the Americas 11–12
- planning approach, tourism 119–21, 124–5
- PNG *see* Papua New Guinea
- policy responses
 - agriculture 81–2
 - climate change 25–32
 - energy efficiency 101–8
 - marine management 45–7
 - tourism 122–3
- pollution effects 40, 42, 61
- Polynesia 80, 88, 89
- population growth, SIDS 77
- poverty effects 20–1
- prices
 - agriculture 81
 - energy 93–4, 95–6
 - fisheries 39–40
 - water 66
- priorities for action (PfA), DRR 22, 30–2
- private sector
 - tourism policy 123
 - water funding 70
- Pro-Poor Tourism Partnership 124
- promoting sustainable strategies 49, 122–5
- public awareness/education, renewable energy 107
- public goods 117, 132
- public participation 13
 - see also* participatory processes
- public sector tourism policy 122–3
- PV *see* photovoltaic technology
- quality mechanisms
 - tourism 5–6
 - water 66, 68–9
- rainwater 58
- regional challenges
 - marine resources 41–2, 44–9, 54
 - renewable energy 106
 - water resources 2, 4
- regional co-operation/co-ordination
 - definitions 132
 - Pacific Plan 52, 85–6, 129, 132–3
 - trade agreements 139–40
- regional integration
 - definition 132
 - fisheries 135–9
- regionalism 132, 139, 140
- relationships, site factors 123–4
- remittances, Pacific islands 6, 131, 133
- renewable energy 5, 80, 91–112

- renewable energy technologies (RET) 94–5, 96, 98–109
- research, tourism development 120
- resource-conserving technologies 81
- resource mobilisation
 - renewable energy 106
 - tourism 124–5
- resource ownership, Pacific islands 77
- resource stresses, climate change 24
- RET *see* renewable energy technologies
- Rio Summit *see* Earth Summit
- risk
 - assessments 120
 - calculations 17
 - coral reefs 41
 - HFA priorities 30–1
 - see also* Disaster Risk Reduction
- rules of origin (ROOs) 137–9
- rural household water access 59
- safe water
 - access 58–60
 - quality 68–9
- Samoa 41, 43, 88, 130–1, 133–4, 138
- sanitation 57–62, 64–6, 71
- scale of energy resources 108
- sea-level rise 23–4
- sea-to-land ratio, Pacific islands 37–8
- Secretariat to the Pacific Community 42
- sectoral activities
 - agriculture 80–2
 - energy efficiency 106–7
 - HFA priorities 30–2
 - marine resources 42
- security strategies 86
- services
 - environmental 18–19
 - regional provision 132
 - tourism 124
 - see also* transport services
- Seychelles NSDS overview 13
- SIDS *see* small island developing states
- site factor relationships 123–4
- small island developing states (SIDS)
 - climate change impacts 22–3, 26–32
 - the Commonwealth and 6–7
 - comparative analysis 114–16
 - development variations 2
 - energy efficiency 91–2, 95–8, 106, 108–9
 - NSDS overview 11–15
 - population growth 77
 - special challenges 7–8, 11
 - tourism 113–27
 - vulnerability of 18
 - water challenges 57–8
- small states, Commonwealth 6–7
- smallholder farming system 79–80
- snail fisheries 39
- social construction, natural disasters 18
- social development 53, 91, 121
- social equity 8
- social indicators, tourism 121
- social problems, SIDS 122–3
- solar photovoltaic systems 94, 99, 101–2
- solar power 94, 96, 98–102, 105, 108
- solar thermal technology 100
- solar water heating (SWH) 99–101, 105, 108
- Solid Waste Management Strategy 46
- Solomon Islands
 - bêche-de-mer fisheries 40, 42
 - key characteristics 88
 - trade agreements 130–1, 134, 136–8, 140
- SOPAC *see* South Pacific Applied Geoscience Commission
- South China Seas tourism 113–16
- South Pacific Applied Geoscience Commission (SOPAC) 26, 44, 68–71
- South Pacific Commission (SPC) 43, 44–5
- South Pacific Regional Environment Programme (SPREP) 12–13, 44
- South Pacific Regional Trade and Economic Co-operation Agreement (SPARTECA) 139–40
- SPC *see* South Pacific Commission
- SPREP *see* South Pacific Regional Environment Programme
- SSM *see* supply side management
- stakeholder participation 13, 26, 83
 - see also* participatory processes
- standard-setting, tourism 123–4
- standards of living
 - Caribbean SIDS 115
 - Pacific islands 129
- storm surges 24
- strategic development
 - energy 94–5
 - water resources 65–6
 - see also* individual strategies
- strategic teams, tourism 125
- sub-regional bodies 135
- subsidies, renewable energy 104–5
- subsistence agriculture 75
- sugar cane industries 96, 106
- supply-driven approach, water 66
- supply side management (SSM) 92, 98
- surface water 58
- sustainability of DRR 22–5

- sustainable development strategies
 - definition 8, 12
 - overview 11–15
 - principles of 8–9, 113–27
 - promoting 49, 122–5
 - strengthening 86
- sustainable tourism
 - definition 118
 - development principles 113–27
 - planning approach 119–21, 124–5
- SWH *see* solar water heating
- systems approach, agriculture 83, 85–6
- tactical teams, tourism 125
- Tanzania, Chwaka Bay mangroves 20
- teamwork 125
- technologies
 - farm production 80–1, 84
 - renewable energy 94–5, 96, 98–109
- telecommunications 81–2
- Ten Thousand Roofs Programme, Japan 103
- tenure system, Pacific islands 77–9, 83–4
- terrorism events 117
- Tonga 130–1, 133–4, 138
- top-down approach
 - agriculture 87
 - marine resources 42, 48
- tourism 2, 5–6
 - as a business 116–18
 - climate change and 25, 29, 41
 - development principles 113–27
 - indicators 120–1, 124
 - renewable energy 100
- trade agreements 6, 86, 129–44
- trading relationships, EU–PICS 39, 131, 134, 137–8, 140
- traditional management practices 20, 77
- transport services 81, 97, 106
- travel industry *see* tourism
- triple bottom line methods 5, 105
- trochus fishing 39
- tsunami, 26 December 2004 23
- tuna fisheries 37–9, 41, 44, 52, 135–7, 139
- Tuvalu
 - key characteristics 88
 - trade agreements 130–1, 133–4, 136, 138
 - waste management 64
 - water investments 70
- UN *see* United Nations
- UNDESA *see* United Nations Department for Economic and Social Affairs
- UNEP (United Nations Environment Programme) 124
- UNFCCC (United Nations Framework Convention on Climate Change) 27
- United Nations(UN)
 - Commission on Sustainable Development 118
 - Department for Economic and Social Affairs 1, 8
 - Environment Programme 124
 - Framework Convention on Climate Change 27
 - water resource agencies 4
 - World Tourism Organization 118–19, 124
- United Nations Department for Economic and Social Affairs (UNDESA) 1, 8
- United Nations Environment Programme (UNEP) 124
- United Nations Framework Convention on Climate Change (UNFCCC) 27
- United Nations World Tourism Organization (UNWTO) 118–19, 124
- United States of America (USA), trade 133, 139
- UNWTO *see* United Nations World Tourism Organization
- ‘upstream’ approach, energy 97–8
- urban household water/sanitation 59, 61
- USA, trade agreements 133, 139
- utilities influence, renewable energy 107–8
- vanua* concept 77
- Vanuatu 39, 47, 88, 130–1, 134, 138
- Venezuela 106
- Vision 2020 Draft National Strategic Plan 13
- visitor arrival indicators 120–1
- vulnerability
 - assessments 28
 - biodiversity loss 25
 - definition 17
 - poverty and 21
 - of SIDS 6–7, 18, 23
 - of women 19, 24
- waste management 46, 64–5
- waste-to-energy (WTE) technologies 108
- Water Quality and Health Framework for Action 66
- water resources 2, 4
 - climate change 24, 26–7
 - management 57–73
 - Pacific region 46, 57–73
- Water Safety Plans (WSP) 68–9
- water use efficiency (WUE) 61, 63, 69–70
- WCDR (World Conference on Disaster Reduction) 22

WHO *see* World Health Organization
wind power 96, 98–9, 100, 102, 105
women, vulnerability 19, 24
World Bank/Commonwealth Secretariat Joint Task Force 7
World Conference on Disaster Reduction (WCDR) 22
World Health Organization (WHO) 66, 68–9
World Summit on Sustainable Development (WSSD) 11, 14, 49, 78
World Trade Organization (WTO) 134–5, 138
World Wildlife Fund (WWF) 51–2
WSP (Water Safety Plans) 68–9
WSSD *see* World Summit on Sustainable Development
WTE (waste-to-energy technologies) 108
WTO *see* World Trade Organization
WUE *see* water use efficiency
WWF (World Wildlife Fund) 51–2
Zanzibar, Tanzania 20
zoning 123