

INDEX

A

- albatross 277, 313
- Allen & Clarke 248
- Allison, G 53
- amphipod* ('supergiant' shrimp) 68
- anthropogenic pressures 22, 23, 71–2
- antipatharians* (black corals) 251
- Antipodes Island 310, 313, 323–4, 325
- Aotea (Great Barrier Island) marine reserve 337–8
- aquaculture 70
 - see also* seafood industry
- Arthur, Emily 280
- Auckland Islands 310, 313
- Australian Commonwealth marine reserves 35–7, 205–27
 - analysis and evaluation 222–5
 - bioregional planning 214–19, 225
 - Cod Grounds structural adjustment package 222
 - Commonwealth categories compared to IUCN categories 210
 - Commonwealth marine protected areas program 211–14
 - conflict resolution and compensation issues 218–22
 - declaration process 208–9
 - economic context 206–7
 - flexible approach 224
 - Great Barrier Reef structural adjustment package 220–1
 - historical background 207
 - indigenous rights 217–18
 - jurisdiction 224
 - legislative framework 207–9
 - management measures 209–11
 - management plans 210–11
 - summary of approach 44–6
 - summary of proposed protected areas 226
 - top-down approach 224
 - zoning rules 218
- Australian Commonwealth National Representative System of Marine Protected Areas
 - goals and principles 349–52

B

- Balanced Seas, marine conservation project 158–61
- Barber, Rick 280
- Barnes, Irene 256
- Bartram, Kate 317, 319
- Batemans marine park 236, 240
- Beeton, Robert 40, 242
- benthic protection areas
 - comparisons with international best practice 111
- Beverley, Paul 317, 319, 327
- Beverton, R 10
- bioblitzs 68
- biodiversity 20–1, 22, 66–7
- Biodiversity Strategy 2–3, 93
- biogeographic regions 108–12
 - Australian Commonwealth marine reserves 214–19, 225
 - percentage in marine reserves 112
- biological variation 22
- Bird, Rebecca 317
- Birds Directive 1979 154
- black coral (*antipatharians*) 251
- blue cod 251, 261
- blue penguin (korora) 251, 276
- Blue Ribbon Task Force 188–9, 201
- Bond, Andrew 317
- Booth, John 317
- bottlenose dolphin 251, 277
- Bounty Islands 310, 313, 324, 325
- Bounty Islands shag 314
- brachiopods* (lamp shells) 251
- Browne, Carrol 280
- Buick, Ian 256
- bull kelp (rimurapa) 276, 277
- Bull, Stewart 256

C

- California Department of Fish and Game 188
- California Fish and Game Commission 188
- California Marine Life Protection Act Initiative 187–96
 - analysis and evaluation 196–202
 - funding 194, 200

- incorporating traditional use 196
- monitoring and review 194–5
- organisational structure, roles and responsibilities 188–90
- overview of process 190–2, 200, 202
- special decision support system 192–3
- Californian marine protected areas
 - attempts to implement the Act 186
 - economic context 178–9
 - historical background 179–81
 - legislative framework 181–5
 - Marine Life Protection Act 32–5, 177–204
 - marine life protection program and plan 181–5, 187
 - summary of approach 44–6
 - summary of marine protected area implementation 203
- California Natural Resources Agency 179, 188
- California Ocean Science Trust 194–5
- Campbell Island 310, 313, 324, 325
- Campbell Island teal 314
- Cape Byron marine park 240, 241
- Cape Foulwind (Siberia Bay) marine reserve 289
- Cape Rodney – Okakari Point marine reserve 21, 26, 92, 336
- case studies
 - Aotea (Great Barrier Island) marine reserve proposal 337–8
 - Australian Commonwealth marine reserves 205–27
 - California Marine Life Protection Act 177–204
 - English marine conservation zones 151–76
 - Fiordland Marine Guardians 248–72
 - New South Wales marine parks 229–46
 - Ngātiwai and marine reserves 335–8
 - Poor Knights Islands marine reserve 336–7
 - Sub-Antarctic Marine Protection Planning Forum 309–33
 - West Coast Marine Protection Forum 273–307
- Census of Marine Life 2010 67
- Challenge Fishery Management Area (FMA 7) 276
- Chapman, Valentine 92
- Chatham Rise 70
- classification systems 54–6
- Clio Rocks (Hawea) marine reserve 263
- Coburn, Peter 280
- Cod Grounds Commonwealth marine reserve
 - structural adjustment package 222
- collaborative initiatives
 - international best practice 59–60
 - legislative design considerations 127–8
 - New Zealand's experiences 75–89
 - summary of collaborative processes 86–88
- Columbretes Island marine reserve 24
- commercial interests 69–71
 - oil and gas extraction 69–70
 - seabed mining 70–1
 - seafood (including aquaculture) industry 70
 - tourism 69
- Commonwealth marine protected areas program 211–14
- Commonwealth reserves *see* Australian Commonwealth marine reserves
- comparisons with international best practice 92–115
 - current marine protection tools 93–5
 - historical context 92–3
 - integration with wider ecosystems-based management 108
 - management measures 99–101
 - marine protected area design 98–9
 - marine protection outcomes 108–11
 - process 101–5
 - provision for tāngata whenua interests 105–7
 - purpose of marine protection 96–7
 - summary of New Zealand's performance 114
- compensation issues
 - Australian Commonwealth marine reserves 218–22
 - legislative design considerations 128–9
- Conservation (Natural Habitats &c) Regulations 1994 154
- context of the study 2–4
- Convention for the Protection of the North East Atlantic (OSPAR) 50, 154
- Convention on Biological Diversity 2012 154
- Cook, Captain James 250
- Cook River mouth 278
- crayfish *see* rock lobster

customary or cultural interests protection *see*
indigenous rights; Māori

D

decision-making

comparisons with international best practice
101–2

international best practice 58

legislative design considerations 129–30

deep water phosphorite nodules 70

degradation of inshore marine environment 71

design goals and principles 50

IUCN network design principles 52–3

size of reserves 50–2

design process

collaborative initiatives 84–5

comparisons with international best practice
98–9

international best practice 57–60

legislative design considerations 117–32

resources 58

De Silva M 12

Director of National Parks 210–11

Dolomite Point blowholes 287

dolphins 251, 266, 277

Doubtful Sound dolphin protection zones 266

ducks 277, 314

E

Eason, Gary 284

ecological coherence 52

ecologically representative networks 13–14

ecosystem services 21

ecosystems-based management

comparisons with international best practice
108

international best practice 14–15

legislative design considerations 123–5

education sites 289

Eggeling, Kerry 280

Elizabeth Island (Taipari Roa) marine reserve
263

endangered species 71–2

Endeavour 250

English marine conservation zones 30–2,
151–76

analysis of guidance proposals 168–74

ecological network guidance 162–4, 168–74

economic benefits 153

historical background 153–5

identification process 158–61, 171–2

implementation, monitoring and
enforcement 165–7

legislative framework 155–7

management measures 164–5, 170–1

marine management reforms 155–7

marine spatial planning 167–8

network design 162–8

process 160–1, 169–70

reference areas 165, 172–3

structure 158–60

summary of approach 44–6

Environment Protection and Biodiversity
Conservation Act 1999 35, 207–8

Environment Protection and Biodiversity
Conservation Regulations 2000 35

environmental health 23

European Union Common Fisheries Policy 167

European Union Marine Strategy Directive 154

Excell, Jerry 256

F

Finding Sanctuary, marine conservation
project 158–61

Fiordland crested penguins (tawaki) 251, 277

Fiordland marine area monitoring programme
78, 263

Fiordland Marine Conservation Strategy 77, 248

Fiordland Marine Guardians 76–8, 247–72

broad focus 265

‘china shops’ 259, 266

chronology of key events 270

concessions, gifts and gains approach 257,
265

defining habitat lines 260

design and implementation 84–5

dominance of use rights 2678

establishment 252–3

existing marine protection 251–2

fishing restrictions 260–1

- functions 262
- funding 258
- future 263–4
- government response 261
- historical background 249–50
- information and science 258
- lack of conservation values 266–7
- legislative framework 83–4, 262
- management measures 84, 268
- meetings 257
- membership 255–6, 265
- monitoring programme 78, 263–4
- moratorium on further protection 262–3, 264
- natural environment 250–1
- ongoing management 85
- process, ground rules 257–60, 265
- public consultation 260
- publications and media releases 258, 263–4
- purpose and objectives 253–5
- review of effectiveness of management 2010 268–9
- role of statutory agencies 257–9
- social and economic environment 249–50
- Southland Regional Coastal Plan 252
- stakeholder body 252–6
- stakeholder recommendations 260
- strategy outcomes 260–5
- strengths of the approach 265–6
- summary of agency support 259
- summary of collaborative processes 86–88
- weaknesses of the approach 266–8
- Fiordland National Park 247–72
- Fiordland (Te Moana o Atawhenua) Marine Management Act 2005 77, 248, 253, 255, 261–2
- First World Conference on National Parks 11
- fish quota management system 72
- Fisheries (Challenger Area Amateur Fishing) Regulations 1986
- Fisheries Management Area 6 (FMA 6) 312
- fisheries spill-over 23–4
- fishing rights
 - compensation *see* compensation issues
 - customary rights 105–106
 - rāhui 106

- Five Fingers Peninsula (Taumoana) marine reserve 263
- Five Mile Lagoon 278

G

- Gaer Arm (Kutu Parera) marine reserve 263
- gas hydrates 70
- geological features and processes 24
- Georges Bank protected area 23, 24
- godwit 277
- Gold Arm (Kahukura) marine reserve 263
- Gorge marine reserve 288–9
- gorgonians* (horny corals, sea fans, red coral) 251
- government-led approach 125–6
- Grange, Ken 256
- Great Barrier Island *see* Aotea (Great Barrier Island) marine reserve
- Great Barrier Reef Marine Park 25, 54, 56, 207
 - structural adjustment package 220–3
- greenstone (pounamu) 249, 274
- groper (hāpuka) 261
- Guardians of Fiordland *see* Fiordland Marine Guardians
- gulls 277

H

- Habitats Directive 1992 154
- Hackwell, Kevin 317, 319
- Hamilton, Bruce 280
- Hapuka Estuary marine reserve 289
- hāpuka (groper) 261
- Hauraki Gulf 25
- Hauraki Gulf Marine Park Act 2000 57
- Hauraki Gulf State of the Environment Report 2010 72
- Hawea (Clio Rocks) marine reserve 263
- Heatley, Phil 310
- Hector's dolphin 277
- heron 277
- Hikurangi Margin 70
- historical background 2–4
 - Australian Commonwealth marine reserves 207
 - California Marine Life Protection Act 179–81

- English marine conservation zones 153–5
- Fiordland Marine Guardians 249–50
- international evolution of spatial marine protection 10–11, 15–16
- hoki 312
- Holt, S 10
- horny coral (*gorgonians*) 251
- Hutana, Ben 280
- Huxley, Thomas 10
- hydrothermal vents 66

I

- IUCN zone categories 55
- IUCN network design principles 52–3, 121–3
- impact of marine protected areas 19–27
 - on anthropogenic pressures 23
 - on biodiversity 20–1, 22
 - on biological variation 22
 - on cultural values 24–5
 - on ecosystem services 21
 - on environmental health 23
 - on fisheries, spill-over effect 23–4
 - on geological features and processes 24
 - on outside stressors 22, 23
 - on productivity 21
 - on recreation and tourism 25–6
 - summary of potential benefits 26
- indigenous rights
 - see also* Māori
 - Australian Commonwealth marine reserves 218–19
 - Californian marine reserves 196
 - Fiordland National Park 251
 - New South Wales marine reserves 238–9
- integrated approach legislation 135–7
 - assessment 136–7
 - description 135–6
 - summary of legislative options 140
- international approaches 29–47
 - Australian Commonwealth marine reserves 35–7
 - Californian marine protected areas 32–5
 - design and implementation 42–3
 - English marine conservation zones 30–2
 - legislative framework 41
 - management measures 41–2
 - New South Wales marine parks 38–40
 - summary of international approaches 44–6
- international best practice 49–62
 - design 50–3
 - design, process 57–60
 - integration with spatial planning 56–7
 - management measures 54–6
 - monitoring and enforcement 61
 - New Zealand's performance compared 91–115
 - summary of best practice 61
- international development of spatial marine protection 9–17
 - building linkages with broader marine management 14–15
 - ecosystems-based management 14–15
 - establishing ecologically representative networks 13–14
 - establishing marine protected areas 12–13
 - historical background 10–11
 - marine protected area, defined 12–13
 - summary of international evolution 15–16
- Irish Sea conservation zones project 158–61
- ironsand mining 70

J

- Jackson, Andrea 280
- Jackson Head marine reserve 289
- Jervis Bay marine park 240
- Jock Stewarts (sea perch) 251, 261
- joint decision-making 129
- Joint Nature Conservation Committee 154, 158

K

- Kahukura (Gold Arm) marine reserve 263
- Kahurangi marine reserve 80, 286
- Kaikoura Canyon 67
- Kaimoana Customary Fishing Regulations 1998 276
- kelp beds 21, 276
- Kermadec Arc 71
- Kermadec Ridge 66
- Kermadec Trench 66
- Key, Alan 256

kina *see* sea urchins (kina)
korora (blue penguin) 251, 276
Kutu Parera (Gaer Arm) marine reserve 263

L

lamp shells (*brachiopods*) 251
Land and Water Forum 127
Lawson, Malcolm 256
leadership *see* decision-making
legislative design considerations 117–32
 broader purpose 121
 broader scope 119–20
 classification system 122
 collaborative approach 127–8
 compensation issues 128–9
 decision-making and implementation 129–30
 government-led approach 125–6
 identification as part of spatial planning 124–5
 independent identification 123–4
 joint decision-making 129
 linkages with wider ecosystem-based management 123–5
 management measures 121–3
 narrow purpose 120–1
 narrow scope 118–19
 sole decision-maker 129–30
 stakeholder involvement 125–9
 summary 131
 no classification system 121–2
legislative framework
 Australian Commonwealth marine reserves 207–9
 California marine protected areas 181–5
 collaborative initiatives 83–4
 comparisons with international best practice 92–7
 English marine conservation zones 155–7
 Fiordland Marine Guardians 83–4, 262
 historical context 92–3
 New South Wales marine reserves 232–3
 recommendations 142–3
legislative options 133–40
 draft new integrated approach legislation 135–7

draft new oceans reform legislation 137–9
promulgate the Marine Reserves Bill 2002 134–5
summary of options 140

ling 312
linkages with broader marine management 14–15
Long Sound (Te Tapuwae o Hua) marine park 263
Lord Howe Island marine park 239, 241
Lundy Island marine reserve 54, 153

M

MPA guidelines 3, 92–115
MPA policy 3–4, 85, 92–115, 117–31
Mahinapua Creek/Tuwharewhare marine reserve 289
management measures
 collaborative initiatives 84
 comparisons with international best practice 99–101
 international best practices 54–6
 legislative design considerations 121–3
 recommendations 145–6
Māori 68
 comparisons with international best practice 105–7
 customary rights 251, 275–6, 336–8
 protection of *tāngata whenua* interests 105–7
 tapu sites 24–5
Marine and Coastal Access Act 2009 30, 156–7
Marine Life Protection Act 1999 32–5, 181–4
 California Marine Life Protection Act Initiative 178, 180, 187–96
Marine Managed Areas Improvement Act 2000 34, 179, 184–5
Marine Management Organisation 165–7
Marine Parks Act 1997 38, 230, 232–3
Marine Parks Advisory Council 233
Marine Parks Amendment (Moratorium) Act 2011 40, 242
Marine Parks Authority 232–3
Marine Parks Strategic Research Framework 2010–2025 238
Marine Parks (Zoning Plans) Regulations 1999 39, 234

Marine Protected Areas: Classification, Protection Standard and Implementation Guidelines *see* MPA guidelines

marine protected area, defined 12–13

marine protected area establishment process recommendations 144–5

Marine Protected Areas Policy and Implementation Plan *see* MPA policy

Marine Protection Area Principles and Protection Standard 341–8

Marine Protected Areas Working Group 212–13

Marine Reserves Act 1971
relationship to other legislation 262

Marine Reserves Bill 2002 134–5
summary of legislative options 140

Marine Strategy Framework Directive 2008 155

MarineMap 193, 201

Mark, Dr Alan 255, 267

master plan science advisory team 189, 201–2

Mātaitai reserves 106

McDermott, Anne 256

McKenzie, Ian 280

McPherson, Tania 317, 319

Merritt Island national wildlife refuge 24

Milford Sound (Piopiotahi) marine reserve 252, 263

Mimiwhangata marine reserve 338

mining *see* seabed mining

Mize, Jason 248

Moana Uta (Wet Jacket Arm) marine reserve 263

monitoring and enforcement 61
collaborative initiatives 85
recommendations 145–6

Monterey Bay national marine sanctuary 57

Moutere Hauriri–Bounty Islands marine reserve 83

Moutere Ihupuku–Campbell Island marine reserve 83

Moutere Mahue–Antipodes Island marine reserve 83

mud plains 66

muttonbird, sooty shearwater, (titi) 276

N

National Representative System of Marine Protected Areas in Australian Commonwealth Waters
goals and principles 349–52

Natura 2000 154

Natural England 158

Natural Resource Management Ministerial Council 212

Neale, Don 280, 283–4, 292–3

Net Gain, North Sea conservation project 158–61

New South Wales marine parks 38–40, 54, 229–46
analysis and evaluation 243–5
background 230
consents 237
indigenous rights 238–9
legislative framework 232–3
implementation 239–41
management and zoning 233–9, 242–3, 245
Marine Parks Advisory Council 233
Marine Parks Authority 232–3
monitoring and research 238
operational plan 237
scientific audit 242–3
summary of approach 44–6
summary of parks 241
top-down approach 244

New Zealand Biodiversity Strategy *see* Biodiversity Strategy

New Zealand’s collaborative processes *see also* collaborative initiatives
design and implementation 84–5
legislative framework 83–4
management measures 84
ongoing management 85
summary of collaborative processes 86–8

New Zealand fur seals (kekeno) 251

New Zealand’s marine biogeographic regions 110
percentage of coastal regions in marine reserves 112

New Zealand’s marine jurisdiction 67

New Zealand Marine Protection Area Principles and Protection Standard 341–8

New Zealand's need for marine protection
65–74
 high commercial values 69–71
 high social and cultural values 68–9
 large and biodiverse area 66–7
 significant anthropogenic pressures
 undiscovered marine species 68
 summary 72
New Zealand sea lion 314
Ngāi Tahu Claims settlement Act 1998 312
Ngati Hei 24–5
Ngātiwai and marine reserves 335–8
 Aotea (Great Barrier Island) marine reserve
 proposal 337–8
 Cape Rodney – Okakari Point marine reserve
 336
 Poor Knights Islands Marine Reserve 336–7
no-take zones 56

O

OSPAR 50, 154
oceans reform legislation 137–40
 assessment 138–9
 description 137–8
 recommendations 146–7
 summary of legislative options 140
Offshore Marine Conservation (Natural
Habitats &c) Regulations 2007 154
oil and gas extraction 69–70
Ōkārīto marine reserve 80, 288
orca 277
outside (anthropogenic) stressors 22, 23, 71–2
oystercatchers 277

P

Pancake Rocks 277
paua 251, 261
penguins 251, 277, 313
petrels 277
Peychers, Mark 256
phosphate mining 70
Pindur, Nicola 280
Piopiotahi (Milford Sound) Marine reserve
252, 263
Poor Knights Islands marine reserve 336–7

Port Stephens – Great Lakes marine park 240
Possingham, Professor Hugh 223
pounamu (greenstone) 249, 274
productivity 21
Proposed Regional Coastal Plan: Kermadec and
 Sub-Antarctic Islands 2011 314
Punakaiki marine reserve 288
purpose of the study 5
Puysegur Trench 66–7

R

rāhui 106
Ramsar Convention 11
Rasmussen, Helen 280
recommendations
 legislative framework 142–3
 management, monitoring and enforcement
 142–6
 marine protected area establishment
 process 144–5
 oceans reform 146–7
recreation and tourism 25–6, 68–9
red coral (*gorgonians*) 251
Reedy, Murray 280, 292
Regional Seas Programme 11
regional stakeholder group 189–90
Resources Legacy Fund Foundation 189
resourcing 58
rimurapa (bull kelp) 276, 277
Robertson, Campbell 280, 290, 292
Robertson, Don 317
rock lobster 21, 24, 251, 261
Rowling, Geoff 280

S

Sage, Eugenie 280
Saltwater Lagoon scenic reserve 278
scallops 21, 261
Scott, Carol 280
Scott, Nigel 317
sea burial, tapu sites 25
 see also Māori
sea fans (*gorgonians*) 251
sea pens 251

- sea perch (Jock Stewarts) 251, 261
- sea urchins (kina) 21
- seabed mining 70–1
- seafood industry (including aquaculture) 70
- seamounts 24, 66
 - sulphide deposits 71
- Shanahan, Dennis 280
- Shaw, Viv 317
- Ship Creek marine reserve 289
- shorebirds 277
- Siberia Bay (Cape Foulwind) marine reserve 289
- Skomer Island marine reserve 153
- Smith, Andy 317
- snapper 20, 21
- Snares Islands 310, 313
- snipe 313
- social and cultural values 68–9
- sole decision-maker 129–30
- Solitary Islands marine park 239
- sooty shearwater, muttonbird, (titi) 276
- Soufriere marine management area 24
- South-east Commonwealth marine reserves network 216–7
- southern blue whiting 312
- southern elephant seal 277
- southern right whale (tohora) 276, 277, 314
- Southland Regional Coastal Plan 252
- spatial planning
 - comparisons with international best practice 93–5, 108–12
 - international best practice 56–7
 - international development 9–17
 - legislative design considerations 123–5
 - new legislative options (oceans reform) 137–40
- squid 312
- stakeholder involvement
 - comparisons with international best practice 102–5
 - international best practice 58–60
 - legislative design considerations 125–9
- Steffens, John 267
- Stenhouse, Brad 280
- stilts 277
- Strangford Lough marine reserve 153
- Strategic Framework for the Evaluation and Monitoring of Marine Parks in New South Wales 238
- structure and methodology of the study 5
- Sub-Antarctic Islands Conservation Management Strategy (1998–2008) 314
- Sub-Antarctic Marine Protection Planning Forum 81–3, 127, 309–33
 - agency support and resourcing 327
 - consultation document 2009 322
 - design and implementation 84–5
 - establishment 316
 - existing marine protection 314–16
 - forum recommendations 323–5
 - future 327
 - government response 326
 - independent chairperson 328
 - information and science 320–2
 - insufficient time allocated 328–9
 - lack of consensus 328, 329
 - legal approach 328
 - legislative framework 83–4, 330
 - list of interviewees for case study 332
 - management measures 84
 - meetings 318
 - membership 316
 - natural environment 313
 - ongoing management 85
 - outcomes 323–7
 - process 318–23
 - public consultation 322–3
 - purpose 316
 - recommendation report 2010 322
 - role of stakeholder body 319
 - role of statutory bodies 320
 - social and economic environment 312
 - stakeholder body 316–17
 - stakeholder representation 327, 329
 - strengths of the approach 327–8
 - summary of collaborative processes 86–8
 - timeline of key events 331
 - weaknesses of the approach 328–30
- Sub-Antarctic Marine Reserves Bill 2011 327
- Sugar Loaf Islands marine protected area 25
- sulphide deposits 71

Sumilon Island marine sanctuary 24
Su Pallosu Island marine reserve 24
'supergiant' shrimp (*amphipod*) 68
Sutherland Sound (Te Hapua) marine reserve
263

T

taiāpure fisheries 106
Taipari Roa (Elizabeth Island) marine reserve
263
tapu sites 24–5
see also Māori
Taputeranga marine reserve 68
Taranaki coastline 70
Taumoana (Five Fingers Peninsula) marine
reserve 263
tawaki (Fiordland crested penguins) 251, 277
Te Awaatu Channel (The Gut) marine reserve
252, 263
Te Hapua (Sutherland Sound) marine reserve
263
temporary closure of fishing areas (rāhui) 106
terns 277
Te Rūnanga o Makaawhio 275
Te Rūnanga o Ngati Waewae 275
Te Tapuwae o Hua (Long Sound) marine park
263
Te Wāhipounamu/South West New Zealand 250
The Gut (Te Awaatu Channel) marine reserve
252, 263
Thompson, Gail 317
Thompson, Stuart 280
Three Mile Lagoon 278
Tierney, Laurel 253, 265
titi (muttonbird, sooty shearwater) 276
tohora (southern right whale) 276, 277, 314
Tonga Island marine reserve 25–6
tourism 25–6, 69
Treaty of Waitangi 105
Tukino IV, Te Heuheu 10

U

UK marine area *see* English marine
conservation zones
Upper Waitaki Shared Vision Forum 127

W

wading birds and waterfowl 277
Wallace, Richard 280
Watson, Bruce 280
Weeber, Barry 317, 319
Weepu, Te Whe 280
Wells, Richard 317
West Coast Marine Protection Forum 78–81,
127, 128, 273–307
 compensation issues 297
 customary use 275–6, 297
 design and implementation 84–5
 duplicated effort 298
 environment report 284
 establishment 278–9
 evaluation of options 301–4
 existing marine protection 278
 future 290
 government response 289–90
 independent facilitator 291_2
 information and science 283, 294
 insufficient timeline for completion 296
 legislative framework 83–4
 list of interviewees for case study 305
 management measures 84
 meetings 281–2
 membership 279–80, 292–3
 natural environment 276–8
 no consensus 297–8
 ongoing management 85
 outcomes 286–90
 policy ambiguity 295–6
 process 281–6
 proposed protected areas and educational
 sites 286–9
 public consultation 285–6
 purpose 279
 Regional Coastal Plan 283
 role of stakeholder body 281–2
 role of statutory agencies 283, 292
 social and economic environment 274–8
 stakeholder body 278–81, 290–1
 stakeholder recommendations 286
 stakeholder representation 292–3

- strengths of the approach 290–2
- summary of collaborative processes 86–88
- timeline of key events 299–300
- weaknesses of the approach 292–8
- Westland Tai Poutinti National Park 278
- Wet Jacket Arm (Moana Uta) marine reserve 263
- whales 251, 276, 314
- Whanganui A Hei – Cathedral Cove marine reserve 24
- Wildlife and Countryside Act 1981 153
- Wilkinson, Kate 310
- Wilson, Sarah 282
- Wing, Steve 255
- World Heritage Convention 11

Y

- Yellow-eyed penguin 314

Z

- Zoning plans
 - Batemans marine park 236
 - international best practice 54
 - New South Wales marine reserves 234–6