

## Index

- aboriginal people, 204  
 access to land, 1, 187, 287, 297, 298, 300, 306, 328  
     equal access, 227  
 adaptation, 4, 28, 40, 43, 59, 115, 117, 124, 139,  
     178, 278, 331  
 adaptive  
     capacity, 124, 134, 137, 299  
     collaborative management, 65, 107, 203  
     governance, 49, 107, 266, 332, 340  
     management, 57, 62, 135, 270, 279  
 aesthetic, 29, 42, 43, 49, 79, 106, 171, 174, 182,  
     183, 200, 201, 365, 372  
     non-aesthetic, 227  
 agri-environmental schemes, 6, 103, 105, 106, 114,  
     348  
 agrobiodiversity, 315  
 agroforestry, 123  
 Alps, 192, 193, 200  
 amenities, 103, 112, 117, 170, 173, 289  
 angling, 35, 259, 268, 318  
 Anthropocene, 13, 202, 205, 206, 215, 311, 370,  
     380  
 Arbratouille, 123  
 archaeology, 150, 151, 347, 362  
 Arctic landscapes, 85  
 art, 176, 365, 368, 373  
     environmental, 351, 356, 365  
     nature, 355, 356  
 artefacts, 5, 224, 229  
 Atlantic Forest Recreation Pact, 70  
 Australia, 4, 7, 46, 170, 172, 204, 287  
 Austria, 100, 115, 189, 190, 194, 248  
  
 Baden-Württemberg, 145, 167  
 Belgium, 153, 247, 248  
 Bengaluru, 228, 233  
 Bergslagen, 129, 133, 138  
 berries, 186, 247, 250, 251  
 biocultural landscape, 156, 211  
 biodiversity, 5, 8, 26, 31, 39, 44, 64, 68, 78, 100,  
     107, 118, 121, 130, 147, 156, 157, 202, 210,  
     211, 213, 214, 224, 231, 240, 245, 254, 272,  
     283, 284, 294, 307, 328, 347, 374, 376  
 biophilia, 45, 47  
  
 Biosphere Reserve, 106, 135, 136, 139, 207, 213,  
     355  
 Black Forest, 168, 189, 191, 193  
 Blackwater River, 37  
 Bolivia, 315  
 boundaries, 48, 108, 113, 114, 115, 135, 204, 210,  
     213, 224, 225, 270, 278, 291, 292, 296, 338,  
     376  
     planetary boundaries, 21, 39, 57, 370  
 boundary concept, 336  
 Brazil, 70, 73  
 bridging organisations, 8, 116, 117  
  
 California Rangeland Conservation Coalition, 297,  
     298  
 carbon, 25, 239, 284, 286, 295, 297, 300  
 Catalonia, 56, 253  
 catchbox, 3  
 catchment, 37, 67, 85  
 Charter of Rome, 8  
 Chichester, 3  
 children, 1, 44, 90, 100, 232, 257, 364  
 China, 44, 287, 292, 296, 321  
 citizen science, 96, 100, 209, 266, 318, 378  
 civil society, 8, 22, 68, 103, 106, 114, 189, 210, 316,  
     328, 365, 375  
 close-to-nature forestry, 129  
 coastal landscapes, 85, 265, 283, 314, 322  
 collaborative learning, 70, 127, 131, 132, 134,  
     138  
 collaborative management. *See* co-management,  
     adaptive collaborative management  
 collective action, 103, 107, 116, 159, 234, 372  
 co-management, 5, 36, 86, 89, 105, 116, 117, 118,  
     138, 226, 230, 233, 271, 279, 332  
 Common Agricultural Policy, 8, 103, 105  
 common pool resources, 41, 43, 107, 278  
 communication, 6, 63, 71, 93, 96, 115, 122, 135,  
     193, 271, 296, *see* dialogue  
 community  
     -based, 68, 224, 262, 266, 296, 297, 337, 356  
     -based organisations (CBOs), 61  
     engagement, 209, 226, 227, 228, 234, 235, 272  
     local. *See* local communities

- community (*cont.*)  
 supported agriculture, 264  
 supported fisheries, 3
- conflict resolution, 63, 108, 114, 115, 118, 168, 178, 278
- connectedness, 39, 47, 252, 258, 373
- connectivity, 128, 202, 208, 210, 284, 300, 320, 338
- conservation easements, 298
- Convention on Biological Diversity, 4, 80, 195, 204, 222, 268, 376
- co-ordination, 109, 112, 113, 114, 115, 117, 137, 175, *see* intersectoral co-ordination
- Copenhagen, 264
- corridors, 25, 107, 117, 213, 229, 241, 294, 299
- countryside stewardship, 7, 213, 316
- creative practices, 365
- cuisine, 251, 253, *see* wild food
- cultural  
 beliefs, 29, 168, 169, 206, 370, 374  
 capital, 8, 133, 203  
 diversity, 156, 214, 272, 274, 281  
 heritage, 4, 5, 30, 38, 106, 107, 160, 167, 197, 235, 258, 350  
 landscapes, 1, 8, 48, 109, 111, 133, 147, 153, 169, 174, 175, 197, 201, 229, 255, 307, 318  
 services, 22, 30, 319, 321, 372, *see* ecosystem services
- Danube Delta, 208
- Dartmoor, 349, 369
- decentralisation, 83, 84, 87, 95, 96, 157, 227, 332, 333, 340, 376
- decision making, 8, 42, 48, 49, 83, 96, 173, 174, 177, 274, *see* participation
- deep care, 4
- deep ecology, 46
- Denmark, 1, 170, 221, 248, 379
- design  
 framework, 59, 67, 73  
 principles, 107, 118
- dialogue, 22, 59, 92, 134, 175, 196, 268, 272, 313, 316, 329, 348
- digital technology, 80, 89, 96
- distal connections, 379
- disturbance, 26, 28, 39, 43, 129, 196, 207, 208
- diversification, 293, 295, 300
- Drentsche Aa, 149, 151
- dynamics, 39, 122, 234, 235, 313, 321, 374  
 landscape, 84, 193, 300
- Earth Mother, 315, 318
- ecological processes, 22, 202, 206, 224, 234, 284, 285, 331
- Ecological Restoration Zone, 210
- economic  
 development, 109, 311  
 effects, 184, 192
- economies of scale, 158, 291
- ecosystem  
 approach, 30, 204, 213, 371  
 services, 4, 6, 9, 21, 30, 31, 47, 59, 69, 73, 125, 130, 157, 202, 210, 224, 284, 296, 300, 319
- Ecuador, 315
- emotions, 31, 45, 49, 153, 168, 172, 174, 314
- energy transition, 167
- Engadin, 200
- engagement, 115, 189, 227, 234, 319, *see* community engagement  
 stakeholder, 36, 60, 139, 268, 333, 377
- England, 172, 202, 209, 210, 214, 245, 270
- environmental  
 assessment, 80  
 co-operatives, 108  
 education, 109, 355  
 planning, 331, 332, 333, 335
- ethics, 22, 46, 49, 174, 355
- European Landscape Convention, 4, 5, 47, 49, 50, 195, 316, 350
- experimentation, 7, 71, 73, 234, 379
- expert knowledge, 152
- famine, 242, 253
- farmland, 118, 186, 329, 350
- Faroe Islands, 93
- financial  
 compensation, 176, 177, 183, 377  
 contributions, 189
- Finland, 89, 246, 248, 253
- fire, 26, 28, 30, 46, 204, 206, 284, 292, 295, 297
- Firth of Clyde, 283
- fishery, 3, 9, 84, 89, 208, 279, *see* wild food
- flood mitigation, 232
- folklore, 148
- food  
 networks, 115  
 production, 5, 21, 28, 39, 95, 151, 157, 241, 264, 320  
 security, 63, 64, 104, 315, *see* Sustainable Development Goals
- foraging. *See* wild food
- foresters, 8, 29, 31, 100, 167, 213, 350, 361
- forestry, 71, *see* agroforestry
- fragmentation, 124, 128, 149, 232, 245, 284, 293, 298
- France, 123, 170, 192, 195, 248, 252, 308, 330
- frontrunners, 342
- fruit production, 147
- Future Earth, 22

- game, 259  
 gardeners, 8, 233, 264  
 gathering. *See* wild food  
 Germany, 108, 112, 156, 170, 182, 190, 194, 246, 248  
 globalisation, 21, 46, 104, 254, 321  
 governance, 124, *see* adaptive governance,  
   landscape governance  
     frameworks, 116, 118  
     institutions, 65, 66, 296, 300  
     processes, 196, 227, 234, 335  
     strategies, 125, 333  
     structures, 59, 61, 70, 274  
     systems, 40, 73, 87, 131, 135, 137, 225, 287, 320, 341, 376  
 grasslands, 1, 145, 146, 245, 374, *see* rangelands  
   wooded, 129, 134  
 grazing associations, 1, 379  
 green  
   infrastructure, 8, 124, 135, 202, 210, 232, 234, 241, 337  
   spaces. *See* urban landscapes  
   tracks, 156  
 Greenland, 85, 95  
 grey infrastructure, 225
- habitat  
   conservation, 215  
   Habitats Directive, 106, 273  
   restoration, 86, 202, 203, 219
- health  
   animal, 214, 286  
   environmental, 5, 39, 105, 176, 203, 214, 265, 370  
   human, 10, 39, 44, 59, 170, 184, 254, 312, 315
- herbivores, 209, 284, 287, 288, 295  
 herding schools, 308  
 heritage. *See* cultural heritage, natural heritage,  
   World Heritage
- historical  
   ecology, 156  
   landscapes, 152, 153, 156, 350, 378  
 Hoeksche Waard, 337  
 human-nature relationships, 7, 370, 373  
 hunting, 83, 84, 93, 259, 284, 287, 318
- identity, 30, 43, 45, 103, 106, 173, 194, 201, 252, 265, 335  
 inclusiveness, 133, 227, 311  
 India, 231, 333  
 indigenous knowledge, 5, 80, 177, 272  
 institutional  
   arrangements, 65, 295  
   design, 316  
   entrepreneurs, 266
- intensification, 27, 105, 129, 131, 245, 371  
 interdisciplinarity, 149, 156, 378  
 intersectoral co-ordination, 5, 177, 203, 223, 371, 374  
 intersectorality, 57, 270  
 Ireland, 37, 248, 251
- Japan, 104, 109–111, 115–117
- Kempen, 153  
 Kenya, 68, 73, 287  
 key areas, 288, 299  
 knowledge exchange, 71, 335, 336, 339, 375  
 knowledge forms, 4, 358, 377, 378, 379  
 Kulaks, 133
- labels, 103, 106, 191, 200, 379  
 Læsø, 221  
 Lake Naivasha, 68  
 lake restoration, 231  
 lakes, 25, 31, 208, *see* Bengaluru
- land  
   abandonment, 1, 104, 105, 200, 295  
   art, 354, 355  
   care, 4, 108, 109, 117  
   ethic, 22, 44  
   management, 1, 7, 95, 100, 254, 308, 349, 377
- land use  
   change, 27, 107, 109  
   conflicts, 169, 174, 176, 178, 298, 353  
   patterns, 336, 340
- landowners, 1, 5, 8, 31, 37, 109, 112, 187, 221, 292, 347
- landscape  
   academy, 73  
   art, 365, 378  
   beauty, 59, 296  
   biography, 150, 151  
   character, 6, 48, 107, 358  
   conflicts. *See* land-use conflict  
   design, 153, 210  
   development, 105, 114, 365  
   ecology, 46, 150, 211, 317  
   elements, 185, 186, 211, 334  
   governance, 50, 131, 137, 138, 173, 175, 177, 321, 332, 336  
   history, 125, 128, 150, 153, 155  
   justice, 174, 178, 375  
   observatory, 56  
   painting, 351, 353, 354  
   perception, 40, 46, 48, 322, 355  
   planning, 47, 155, 258, 299, 342  
   quality objectives, 54  
   scale, 5, 31, 176, 177, 210, 276, 286, 349, 370, 374

- landscape (*cont.*)  
 services, 115, 331, 340  
 sustainability, 314  
 values, 8, 14, 55, 84, 95, 96, 134, 178, 370, 373
- Landscapes for People, Food and Nature, 72
- language, 172, 278, 338
- Lapland, 85
- Lebanon, 207
- Leopold, Aldo, 6, 22, 44, 316, 323
- Lesbos, 78
- LIFE [EU programme], 112
- life satisfaction, 45
- Lithuania, 127, 129, 170, 247, 248
- livelihoods, 29, 46, 59, 64, 78, 80, 133, 164, 200, 265, 300, 324, *see* rural livelihoods
- livestock, 1, 25, 111, 159, 284, 308, 348
- local communities, 59, 94, 105, 146, 164, 208, 209, 214, 233, 254, 266, 281, 328, 332, 333
- local knowledge, 29, 64, 96, 111, 153, 197, 269, 270, 277, 341, 378
- Long-Term Socio-Ecological Research, 135, 136
- mainstreaming, 8, 379
- Mallorca, 1
- Malpai Borderlands Group, 297
- marine  
 Conservation Zones, 267  
 Protected Areas, 268, 270  
 stewardship, 279, 314
- meanings, 31, 151, 233, 313, 314, 315, 320, 323, 335, 374
- Mediterranean, 1, 207, 213, 245, 251, 253, 298  
 landscapes, 46, 156
- Millennium Development Goals. *See* Sustainable Development Goals (SDGs)
- Model Forests, 71, 135, 136, 137, 212
- motivation, 7, 38, 50, 137, 170, 172, 183, 185, 225, 251, 296, 300, 365
- mountain landscapes, 104
- multifunctional landscapes, 215, 336
- mushrooms, 251, 252, 257
- Natura 2000, 106, 109, 219, 220, 271
- natural  
 capital, 8, 124, 282  
 heritage, 35, 54, 156, 164, 215, 275, 281
- nature conservation, 4, 44, 105, 106, 109, 112, 113, 129, 147, 167, 196, 202, 211, 341
- nature-based solutions, 241
- negotiation, 61, 63, 72, 81, 103, 115, 116, 174, 209, 211, 232, 276, 341, 372
- Netherlands, 150, 151, 170, 259, 333
- New York, 224, 232–233
- NIMBY, 171
- nitrogen, 25, 35
- Non-Governmental Organisations (NGOs), 1, 5, 31, 61, 68, 69, 71, 103, 105, 112, 177, 203, 266, 296, 300, 315, 332, 371
- non-linear, 5, 27, 176, 285, 370
- novel ecosystems, 206, 207, 211
- nutrients, 24, 153, 242, 286, 287, 289
- olive farming, 79
- One Hut Full, 369
- open access regime, 267
- open spaces, 1, 38, 42, 358
- orchards, 1, 147, 154, 258
- Ostrom, Elinor, 158, 375
- Pan-European Biological and Landscape Diversity Strategy, 211
- participation, 3, 5, 6, 48, 59, 64, 89, 105, 131, 139, 146, 159, 173, 177, 196, 223, 234, 270, 371, *see* participatory monitoring
- participatory monitoring, 81
- partnerships, 4, 74, 134, 137, 210, 263, 273, 276, 312, 341
- pastoralism, 1, 289, 296, 301
- pathways, 21, 45, 331
- Peru, 315
- place attachment, 9, 31, 45, 47, 173, 374
- Poland, 125, 127, 131, 248, 251
- policy coherence, 8
- pollination, 29, 59, 232, 284, 336
- polycentric, 116, 375
- Portugal, 156, 248
- poverty, 249, 253, 293, 306, 311, 312, 319
- principles for landscape stewardship, 132, 266, 267, 276
- private sector, 5, 59, 61, 66, 68, 71, 177, 203, 208, 210, 281, 371
- producer groups, 60
- productivity, 24, 35, 42, 105, 106, 121, 286, 292
- property values, 170, 172
- protected areas, 8, 107, 114, 129, 196, 203, 204, 219, 332, 351, *see* Marine Protected Areas
- provisioning services, 22, 26, 319
- public-private partnerships, 66
- quality of life, 38, 39, 47, 48, 133, 201, 241
- rangelands, 284
- Rational Choice approaches, 168
- reconnection, 5, 79, 160, 202, 334, 369
- recreation, 8, 29, 42, 106, 128, 197, 243, 250, 253, 258, 265, 268, 281
- regulating services, 22, 28, 30
- religion, 22, 185, 230, 270, 287, *see* cultural beliefs

- renewable energy, 178, 183, 276
- resilience, 6, 21, 24, 26, 32, 124, 227, 322, 371, *see*  
social-ecological systems (SES)
- resource systems, 40, 320, 321, 322
- responsibility, 1, 5, 6, 21, 30, 38, 50, 62, 72, 105,  
117, 152, 228, 272, 333, 351, 380
- restoration, 228, 266, 348, 375
- rewilding, 106, 209
- Romania, 166, 208, 248
- Roskilde, 1
- rural  
  areas, 8, 124, 132, 184, 251, 253  
  development, 1, 106, 134, 200, 328  
  livelihoods, 5, 95, 164, 176, 210, 273, 370, 374  
  outmigration, 1
- Russia, 125, 127, 130, 131, 133, 137
- sacred sites, 46
- Sámi, 89
- Satoyama Initiative, 4
- scale mismatches, 224
- Scotland, 173, 187, 209, 252, 274
- self-empowerment, 227
- self-organisation, 5, 39, 42, 43, 105, 109, 117, 118,  
177, 203, 223, 297, 320, 321, 371, 377
- sense of place, 29, 31, 107, 128, 173, 265, 335, 373,  
374
- sensitisation, 113, 146, 193, 197, 378
- Serra da Estrela, 156
- shadow networks, 342
- shared vision, 58, 63, 338, 347
- Shouf Biosphere Reserve, 208
- Sierra de Tramuntana, 1
- Simmern, 183
- social  
  capital, 3, 79, 117, 124, 133  
  change, 21, 42, 300  
  enterprise, 79  
  justice, 5, 22, 39, 85, 174, 176, 203, 227, 315,  
  318, 356, 370  
  learning, 5, 29, 105, 115, 116, 131, 135, 138,  
  177, 223, 301, 335  
  relationships, 31, 353, 365  
  social-ecological systems (SES), 6, 21, 29, 43, 104,  
  107, 139, 334  
  urban, 228
- soils, 26, 27, 105, 121, 353, 365
- Solidarity Pact, 183
- Spain, 71, 170, 190, 195, 248, 252, 253, 287, 295
- spatial planning, 114, 130, 132, 150, 277
- Stockholm, 224, 225, 226, 230
- stone walls, 185
- supply chain, 69, 201, 328
- sustainability transformation, 109, 311, 321, 332,  
370, 379
- Sustainable Development Goals, 57, 74
- Sweden, 125, 127, 128, 131, 133, 134, 136, 139,  
230, 246, 248
- Switzerland, 190, 191, 192, 200, 201
- symbols, 31, 45, 168, 185, 249, 315, 335
- synergies, 8, 25, 30, 59, 67, 145, 197, 283, 294, 322,  
372
- Tanada ownership system, 106, 109, 112,  
114
- taxes, 114, 116, 189
- terraces, 1, 103, 109, 185, 188
- Terre de Liens, 330
- territoriality, 323
- thresholds, 27, 202
- tidal energy, 275
- tipping points, 125, 202, 205
- trade-offs, 8, 27, 28, 30, 31, 57, 59, 283, 372, 373,  
374
- traditional knowledge, 29, 96, 153, 242, 253, 379
- traditions, 152, 153, 164, 185, 190, 193, 200, 252,  
287, 353
- tragedy of the commons, 158, 287
- transdisciplinary knowledge production, 138
- transformational changes, 5
- transformative sustainability learning, 10
- transhumance, 290, 306, 307
- Transylvania, 166
- trust, 62, 68, 92, 96, 109, 115, 139, 228, 333, 335,  
338, 340
- Ukraine, 125, 127, 133, 136, 190, 208, 319
- umbrella organisation, 108, 227, 316
- uncertainty, 5, 40, 134, 136, 267, 332, 370
- United Kingdom, 3, 47, 68, 159, 170, 187, 202, 214,  
255, 349, *see* England, Scotland
- United States of America, 116, 138, 173, 206, 287,  
289, 291, 292, 295, 297
- urban landscapes, 47, 235, 258, 318, 337
- urbanisation, 38, 44, 124, 184, 222, 253, 285
- vegetation, 23, 36, 206, 209, 214, 284, 336,  
347
- Vienna, 241
- visioning, 62, 68, 197, 347, *see* shared vision
- volunteer tourism, 189
- vulnerability, 5, 24, 30, 206, 239, 258, 321,  
322
- water  
  management, 103, 105, 153, 254, 337, 340,  
  372  
  quality, 27, 35, 88, 121, 213, 225, 265, 300, 331,  
  337, 353  
  retention, 9, 24, 31, 239, 338  
  scarcity, 68, 231  
  supply, 24, 27, 69, 225, 230, 362

- Water Framework Directive, 8, 109, 211, 342  
Weissensee, 115, 116, 189  
wellbeing, xiii, 4, 6, 21, 22, 30, 43, 54, 59, 124, 127, 203, 232, 318, 350, 370, 375  
wild food, 259  
wilderness, 87, 105, 107, 320, 380  
wind energy, 178, 182  
wind farms, 42, 172, 275  
wood production, 128, 130, 131, 284  
working landscape, 1, 4, 297  
World Heritage, 208, 211, 215, 265