

# Index

## A

Accountability, 4, 8, 9, 19, 29, 32, 41, 50, 51, 92, 97, 104, 107, 111, 137, 139, 158, 162, 168, 169, 202, 209, 245, 272, 273, 277, 279, 281, 286, 289, 293, 295, 299, 302, 307, 312

African heritage, 223

Agriculture, 49, 65, 144, 160, 258–260, 263, 307, 323, 329, 334, 337, 350–352, 354–359, 424, 437, 438, 442

Aid programs, 350, 355, 356

Anger, 68, 226, 246, 299–301, 306, 309, 362, 455

Atrocities, 127, 211–216, 291

## B

Being, xi, 3, 16, 61, 128, 132, 187, 201, 206, 213, 223, 252, 269, 320, 337, 351, 362, 372, 407, 430, 453, 457

Biodiversity, 9, 103, 107, 142, 152, 156, 160, 278, 281, 292, 351, 442

Blue economics, 269

## C

Capabilities, 10, 11, 16, 19, 27, 30, 38, 43–45, 49–51, 59, 61, 65, 68, 72, 77, 85, 103, 105, 111, 112, 136, 139, 145, 154, 240, 246, 247, 252, 268, 269, 271, 272, 275–289, 304, 307–314, 335, 339, 345–347, 362, 431–436, 438, 439, 441, 442, 444, 446

Caring, 5, 6, 37, 46, 61, 64, 74, 87, 88, 222, 224, 228, 229, 232, 238, 244, 247,

262, 274, 283, 306, 308, 352, 375, 454–459

Cascading, 5, 60, 127, 130–132, 136, 141, 148–158, 169, 430

Civilian experiences, 173

Communal land, 252–264

Communal lifestyle, 223

Complicity, 127, 145, 149, 225, 269

Conflicts, xiii, 3, 6, 21, 24, 25, 36, 47, 88, 112, 127, 128, 147, 149, 175, 185, 200, 202, 206, 213, 214, 239, 254, 257, 263, 289, 291, 300, 351, 354–356, 402, 403, 413, 416, 422, 424, 431, 445

Connections, 7, 16, 26, 31, 44–46, 63, 64, 68, 69, 72, 76, 79, 85, 101, 107, 114, 120, 137, 138, 164, 224–226, 228, 245, 246, 275, 276, 283, 285, 290, 302, 312, 313, 320, 322, 329, 378, 410, 412, 416, 418, 431, 436, 439, 440, 453

Connectivity, 16, 74, 224, 226, 227, 230, 281, 290

Consequences of modernity, 132, 136, 157

Cross-disciplinary, 4, 5, 294, 295

Cultures, xvi, 9, 17, 60, 136, 175, 201, 208, 227, 253, 271, 320, 334, 358, 364, 372, 432

Cycle of life

consumption, 454

distribution, 169, 454

link to flows and webs, 16

production, 454

redistribution cycles, 454

reproduction, 454

**D**

- Direct election, 373, 374, 376, 379–381, 384–386, 388, 393  
 Diversity, 5, 9, 33, 59–120, 139, 166, 230, 237, 238, 246, 272, 273, 278, 295, 307, 309, 446  
 Double hermeneutic, 140, 147

**E**

- Ecological citizenship, 9, 39, 103, 155, 430–447  
 Eco-systemic, xx, 2, 5, 137, 453  
 Educational opportunities, 226, 323  
 Elimination of waste and want, 59  
 Elitism, 367  
 Empathy, 84, 273, 275, 391, 431, 432, 442  
 Energy cycle/flows, 287  
 Energy insecurity, 25, 134  
 Environment, viii, 5, 16, 60, 132, 224, 268, 320, 334, 351, 375, 402, 430  
 Environmental justice, vii, xi, xxv, 3, 5, 18, 20, 22, 28, 31, 33, 47, 60, 67, 69, 83–85, 89–90, 94, 96, 103, 111, 132, 137, 153, 165, 166, 219, 222, 232, 247, 271, 275, 279, 282, 289, 292, 300, 313, 436, 438, 454  
 Environmental sustainability, 30, 62, 224, 314

**F**

- Fertilisation cycle/food webs, 16, 18  
 Food, xvii, 2, 16, 62, 130, 176, 223, 258, 270, 322, 338, 349, 430, 453  
 Food insecurity, 9, 11, 18, 37, 151, 160, 258, 264, 435

**G**

- Gender, vii, 4, 20, 62, 144, 232, 271, 334, 350, 372, 421, 430  
 Gender equality, 65, 345, 350, 351, 354, 357–359  
 German Lutheran Mission Finschhafen, 177  
 Globalisation, 144, 253, 256, 273, 334

**H**

- Hearing loss, 362–368  
 Human capabilities approach, 361  
 Human rights, xiv, xvii, 16, 20, 23, 27, 41, 42, 53, 77, 86, 89, 90, 96, 98, 107, 127, 139, 146, 199–202, 206–209, 213–215, 232, 252, 269, 271, 275, 282, 289, 292, 304, 329, 362, 368,

372, 430, 431, 436, 437, 439, 442, 444, 445

**I**

- Indigenous knowledge systems, 74, 226, 229, 256  
 Indigenous rights, 200, 209  
 Indonesia, xiv, 37, 100, 130, 206, 212, 219, 222, 271, 321, 333, 402, 454  
 Inequality, 2, 26, 29, 38, 65, 81, 152, 255, 269, 281, 301, 302, 305, 334, 355, 357, 358, 388, 391  
 Intra-disciplinary, 4

**J**

- Japanese occupation, 174, 176–181, 185

**L**

- Limits to growth, 195, 197  
 Local government, 6, 29, 65, 145, 244, 280, 372, 402

**M**

- Mining environmental injustice, 211  
 Mining social injustice, 211  
 Mixed methods, vii, 2, 27, 66, 130, 212, 222, 268, 366, 367, 402  
 Multiple mixed methods, 16–53, 67, 70, 73, 82, 83, 85, 89, 111, 113–114, 268, 294, 296  
 Myanmar, 42, 43, 53, 195, 196, 200, 201

**N**

- Neoliberalism, 44, 253, 255, 256, 292  
 New Guinea villagers, 127, 174–191  
 New Zealand, 40, 41, 362–368  
 Non-anthropocentrism, 17, 80, 118, 292

**O**

- Operation Cartwheel, 184

**P**

- Pacific War, 127, 174–191  
 Planetary health, 195, 197  
 Policies, xvii, 2, 17, 59, 130, 200, 208, 215, 246, 252, 268, 322, 340, 350, 362, 380, 402, 431, 454  
 Prisons, 213, 362–368

**R**

Recycle, 62, 88, 132, 134, 161, 162, 287, 309  
 Reframing governance, 293  
 Refugees, 47, 53, 127, 143, 195, 196,  
 199–202, 229, 286, 290, 293, 299,  
 301, 434, 435  
 Regeneration, 4, 5, 9, 16–53, 65, 84–86, 90,  
 93, 97, 104, 111–113, 137, 145,  
 158, 159, 165, 169, 225, 226, 228,  
 270, 272–283, 286, 291, 292, 295,  
 302, 307  
 Regenerative approach to living, 454  
 Regenerative cycle, 132  
 Relationality, 17, 224  
 Relationships, xii, xiii, xv, xix, 7, 9, 16, 20,  
 22–24, 26, 28, 31, 34, 38, 39,  
 43–45, 50–52, 60, 62–64, 68, 72,  
 75, 77, 85, 86, 93, 94, 103, 107,  
 111, 117, 120, 137, 143, 145, 146,  
 156, 157, 164, 167–169, 174, 180,  
 215, 223, 226, 229, 238, 242, 243,  
 245, 258, 269, 275–277, 286, 288,  
 290, 295, 311, 313, 314, 320, 324,  
 325, 336, 340, 346, 352, 380, 389,  
 390, 431, 440, 441, 454  
 Representation, 4, 7, 8, 19, 31, 32, 35, 41,  
 50, 51, 53, 85, 104, 113, 115, 137,  
 139, 151, 158, 168, 169, 202, 232,  
 268, 271–273, 277–279, 286,  
 289, 295, 299, 300, 302, 307, 312,  
 346, 347, 367, 372, 377, 379,  
 382, 386, 388  
 Reserved seats, 372, 385  
 Risks, xvii, 2, 18, 69, 132, 243, 272, 341,  
 350, 413, 430  
 Rohingya, 42–43, 127, 195, 197, 199–202  
 Rural women, xxvii, 334–345, 347, 384  
 Rwanda, 196

**S**

SDG5, 349, 350, 359  
 Self-employment, 61, 160, 237, 240, 308,  
 333–347  
 Sentient beings, 3, 7, 16, 19, 28, 31, 33, 43,  
 52, 61, 68, 77, 85, 92, 118, 132,  
 135, 143, 145, 153, 164, 232, 247,  
 269, 272, 278, 283, 287, 289, 292,  
 294, 329, 419, 431, 433–442,  
 444–447, 454  
 Social contract, 19, 143, 146, 199, 287, 293,  
 362, 430–435, 438, 439, 444, 446  
 Social justice, viii, ix, xi, xiii, xvi, xvii, 16, 20,  
 88, 212, 262, 275, 289, 362  
 Social reform, 333–347

Socio-environmental justice, vii, x, 3, 5, 18,  
 20, 22, 28, 29, 31, 33, 39, 60, 67,  
 69, 82, 83, 85, 89–90, 96, 103, 111,  
 132, 137, 146, 153, 165, 166, 219,  
 222, 232, 247, 271, 279, 282, 287,  
 289, 292, 300, 313, 436, 438, 454  
 Species, 5, 9, 11, 16, 18, 20, 27, 28, 31, 32, 34,  
 43, 48, 60, 64, 68, 80, 86, 104, 112,  
 139, 152, 164, 169, 246, 270, 271,  
 282, 293, 294, 307, 308, 430,  
 432–435, 437, 439–442, 444, 445,  
 447, 458  
 Spirituality, 77, 100, 227, 291, 292, 323  
 Stewardship, 5, 9, 16, 17, 28, 29, 46, 50, 52,  
 61–63, 67, 80, 89, 116, 117, 132,  
 168, 228, 277, 278, 283, 293, 305,  
 308, 312, 314, 329, 434, 442–444  
 Sustainable development, 7, 11, 26, 38, 43, 44,  
 50, 62, 65, 67, 81, 104, 117, 127,  
 137, 139, 158, 164, 166, 168, 169,  
 227, 245, 247, 252, 269, 272, 278,  
 281, 290, 292, 307, 312, 325,  
 349–359, 424, 447  
 Systemic, 2, 16, 60, 136, 271, 431, 454  
 Systemic ethics, 10, 74, 75, 85, 89, 101,  
 137, 140, 157, 287, 313, 441,  
 442, 446, 454  
 Systemic flows, 15  
 Systemic webs, 15

**T**

Transformation, xii, 16, 72, 132, 243, 271,  
 320, 334, 430, 457  
 Transformative paradigm, xiii, xiv, 33, 82,  
 83, 407, 408  
 Trust, 31, 85, 94, 131, 133, 136, 153, 165–168,  
 184, 186, 208, 223, 237, 261, 272,  
 275, 277, 293, 305, 340, 380, 421

**U**

United Nations Declaration on the Rights of  
 Indigenous Peoples (UNDRIP), 18,  
 39, 41, 53, 96, 200, 201, 207, 247  
 Urbanisation, 2, 6, 11, 17, 25–27, 30, 32, 37,  
 38, 113, 131, 132, 138, 142, 148,  
 150, 158, 159, 162, 226, 228, 229,  
 233, 247, 271, 282, 290, 297, 302

**V**

Values, viii, 3, 21, 60, 134, 186, 201,  
 222, 254, 276, 321, 334, 350, 363,  
 375, 402, 430

**W**

Water, xi, 2, 16, 61, 130, 176, 206, 223, 259, 270, 351, 372, 401, 430, 453

Water cycle/flows, 5, 6, 16, 18, 282, 292, 410, 416, 421

Water insecurity, 18, 25, 26, 37, 38, 47, 132, 145, 149, 151, 165, 430

Water management, 6, 46, 134, 151, 158, 219, 279, 282, 351, 353, 404, 410, 413, 414, 424

Ways of being, 29, 83, 288

Ways of knowing, 8, 17, 18, 28, 62, 76, 77, 79, 80, 92, 97, 115, 136, 223, 228, 287, 314

Wellbeing, 17, 25–31, 50, 61, 62, 65, 66, 72, 75, 85, 100, 103–106, 111, 139, 168, 243, 245, 277, 278, 280

Wicked problems, ix, xi, xiv, 4, 5, 114, 139, 157, 159, 271, 401–424

Women empowerment, 387