
Index

- abstraction
 - alienation 61–3, 65, 69–73, 75
 - common space, sharing 69–73
 - conflicts 61–6, 69–73
 - context of 76
 - fear of 60–61
 - immunisation, and 69–75
 - law, of 66–8, 76–7
 - libidinal tensions 70–72
 - negative characteristics 66–7, 72
 - nomadic abstraction 66–9
 - personification, and 64–6
 - post-political theory, and 73
 - reactionary, as 66–9
 - reality 61–3
 - responsibilisation 73–5
 - role 51–2
 - socio-legal approaches, compared with 59–60
- accountability
 - situated knowledge, and 492–3
- activist research
 - anarchism, and 326–33
 - environmental justice, and 186
 - ethnography, as 330–33
 - feminist research, and 332
 - interpretation 327–8
 - principles 328–30
 - stages 329–30
- actor-network theory
 - anthropology, and 90–91, 100–101
 - benefit-sharing 90–93, 99–100
 - fluidity in 97–8
 - materiality in 93–4, 98
 - multiplicity in 93–5
 - benefits 92, 98–9, 102–3
 - bioprospecting, and 86
 - benefit-sharing 90–93
 - co-construction perspective 37–9
 - development 81–2
 - entanglement 82–3, 97–8
 - environmental law, and 102–3
 - ethnography, and 80, 83–4, 92–3
 - focus of 36, 82–3
 - geography, applicability to 164–5
 - interdependency, and 93–5, 97–8, 100–102
 - law, and
 - implications for 36, 39, 83, 99, 102–3
 - points of interest for 80
 - limitations 99–102
 - nature-society interactions, in 35–9, 50, 80
 - relational ethics, and 38
 - scale, understanding 39
- adaptation 425
- aesthetics
 - cuteness 419, 431–2
 - ecological aesthetics 419–20, 430–32, 436
 - research trends 429–30
 - ‘ruining the view’ 430–31
 - skeuomorphism, and 426–7
- African Banjul Charter on Human and Peoples Rights 1991 270
- Agamben, Giorgio 57–8, 75
- agency
 - agential cuts 489–90, 494
 - human agency 7–8, 23, 27
 - more-than-humans, and 167–8
 - multiple intersections 182
 - non-human agency 167–8, 170–71, 491–2
 - organisms as units of 425–6
 - place agency 171, 180
 - realism of 489
- Agenda 21 369
- Alaimo, S. 16–17
- Alam, S. 233
- Aldahoff, C. 552
- alienation
 - abstraction 61–3, 65, 69–73, 75
 - all that is air melts into city* (performative representation) 499–505

- Allred, P. 22–3
- American Convention on Human Rights 1988 270–71
- Anand, R.P. 210, 227–8
- anarchism
- interpretation 316, 323–4
 - research method, as 316–17
 - activist research 326–33
 - challenges 337
 - community, relationship with 333–5
 - ethnography 330–33
 - feminist research 332
 - general principles 324–6, 335–7
 - liberalism, compared with 316, 337
 - situated perspectives 326–7
- Anghe, Antony 217, 220, 223, 235
- Angola 240–42
- animal rights
- humans, relationships with 447–8
 - interpretation 447–8
 - jurisdiction, and 444
 - jurisprudence 443–5, 450–53
 - legal discourse 441–2, 446–7
 - revisionism, and 453
 - sacred *vs.* profane animals 456–7
- animal welfare 441
- gender of animal, relevance 453–6
 - humane *vs.* inhumane treatment 447–8
 - interpretation 447–8
 - species, relevance 450–53
 - standards, international law treatment 445–6
- animals
- abstraction 450–52
 - assemblages, as 138–9
 - bears, treatment 450–52, 455–6
 - cuteness 419, 431–2
 - dogs, treatment 450
 - domestication 454–5
 - feminine *vs.* masculine perceptions 453–6
 - human impacts on 396–7
 - human perceptions of 440–45
 - humane *vs.* inhumane treatment 448–9
 - humanity in opposition to 446–7
 - international law treatment 445–6
 - jurisprudence, focus of 442–4
 - killing, legislative treatment 448–9
 - legal status, views on 442–4
 - liability for damage caused by 443–5, 450–52
 - life, human responsibility for 424
 - passivity 420–21
 - personification 457
 - regulatory treatment 441
 - subject-hood of 419–21, 442–5
 - vulnerable subjects, as 11–12
- anthroparchy 176
- Anthropocene
- acentricity of 150
 - de-individualisation *vs.* collectivism 149
 - definition 132, 237
 - environment, role of 141–2
 - interpretation 397–8, 484
 - law, and 152–3, 237–8
 - natural resources, use of 398–9
 - perspectives
 - challenges 145–6
 - expansion, need for 145–6
 - geophilosophical 146–7
 - grammatical descriptions 132–42
 - human detachment 145–7
 - human exceptionalism 151–2
 - humanity, connection with planet 136–7, 143–5
 - interdependence 398–9
 - materialist 149–50
 - mineralised 150–51
 - ontologised 148–9
 - planetary 136–7, 143–5
 - situated 151–2
 - theoretical 132–3 - place, and law 237–8
 - research ethics 550
- anthropocentrism 429
- anthroparchy, and 176
 - critique of critique 112
 - environmental law, of 176–7, 532
 - plants, passive categorisation 170–71, 174–6
 - vs.* ecocentrism 17, 150
- anthropology
- actor-network theory, and 90–91, 100–101
 - multinaturalist perspectives 433

- anti-anthropocentrism 429
 apparatus assemblage 490, 494
 appropriation
 globalisation, and 518–19
 pollution, as 514–19
 property law, development 514–17
arkteia (ancient Greek ritual) 455–6
 Assad, Maria L. 527
 assemblages
 actual vs. virtual axes of 490
 apparatuses, and 490, 494
 being and knowing 488–9
 bodies as 138–9, 141, 486, 489–90
 critical environmental law,
 humans and animals, and 138–9
 responsibility, and 151
 role in 22–6, 138–42
 disconnections, and 486–7
 dualism 489–90
 ecology, in 486–7
 majority-minority relationships
 487–91, 493–4
 meaning and mattering 490–92
 sexuality assemblage 535–6
 withdrawal 490–91, 493–4
 Australia 256, 460, 465, 478–80
 autoethnography
 criticism of 544–5
 distance, relevance 548–9
 embodied experience, role of 542–4
 ethical challenges 542–3, 546–7
 principles 541–2
 purpose 542–4, 546
 autonomous subject 9–12
 see also vulnerable subject
 autonomy myth 9
 autopoietic systems 364–5, 374–6
 challenges 375–6
 hermeneutics 375

 Bachofen, J.J. 455–6
 Bacon, Francis 5–6
 Barad, Karen 26, 140, 489, 492
 Barnett, Clive 53–4
 Bartel, R. 278
 Barve, Aditya 426
 Bateson, Gregory 483
 Baxi, Upendra 142, 220
 Beck, Ulrich 29–30
 Beckmann, F. 552–3

 becoming
 becoming-imperceptible 494
 co-becoming of people and place
 177–8
 female orgasm, and 552
 feminist interpretation 494, 552–3
 majority-minority relationships
 487–91, 493–4
 speculative realism, and 116
 trajectories 487
 Bedjaoui, Mohammed 216
 Bell, David F. 513
 belonging, theories of 182
 benefit-sharing
 actor-network theory, and 90–93,
 99–100
 fluidity in 97–8
 materiality in 93–4, 98
 multiplicity in 93–5
 anthropological studies 89–91
 complexity 95–6
 ethnographic studies 92–3
 knowledge and value relationships
 87–8, 94, 96
 principles 89, 91
 Bennett, Jane 137
 Berardi, F.B. 490
 Berger, John 440–41
 Bergson, Henri 113
 Berry, Thomas 532
 Biehl, Joao 100
 Binnie, J. 546–7
 bio-systems theory 407
 biodiversity *see also* bioprospecting
 concept development 358
 human impacts on 396–7
 legal frameworks 88–9
 protection
 Australian legislation 168–71
 conflicts 169–70
 importance 168
 native vs. introduced species 168–71
 plants, passive categorisation
 170–71, 174–6
 scholarship trends 358
 biogea 530
 biological systems
 individual, boundaries of 467–8
 land-based focus 462–3
 time, notions of 423

- biopiracy *see also* bioprospecting
 legal conflicts 84–5
- biopolitics
 corals, of 466–70, 475–6, 478–80
 hierarchies in 460
 individuals, boundaries of 467–8
 law, of 122–3
 life-death presumptions 466, 475
 symbiogenesis, and 468
- bioprospecting
 benefit-sharing, and 90–98
 actor-network theory role in 86,
 90–104
 anthropological studies 89–91
 multiplicity in 93–5
 principles 89, 91
 definition 85
 historical background 85–7
 knowledge, value of 87–8
 legal frameworks 88–9
 tensions 85–7, 102–3
 multiplicity 93–5
 ownership 87–8
 patents 87–8, 96–7
 spatial malleability 93–4
- Blackman, Lisa 140
- bodies
 actual *vs.* virtual 138–9, 485–6, 490
 assemblages, as 138–9, 141, 486,
 489–90
 becoming 487
 differentiation 139–40
 disembodiment, research role of 3,
 7–9, 549
 embodiment, research role of 10–14,
 150, 542–4, 552–3
 environment, in
 boundaries between 141–2
 diversification 536
 indistinguishability 137–40
 more-than-human bodies 534
 research focus, as 550
 sexuality of 534–7
 objectification 535
 understanding of 138–9
- Boeker, E. 267–8
 Bollier, D. 269
 Botkin, Daniel 530–31
 Bottomley, Anne 123
 Boyd, David 261–2
 Braidotti, Rosi 469, 484
 Brassier, Tay 63
 Bratspies, R. 268
 Braverman, Irus 166, 280–81
 breastfeeding 454–5
 Brennan, Teresa 139
 Brighenti, Andrea 58
 Brookfield, Stephen 335–6
 Brundtland Commission 400–401
 Bryant, Levi 112, 485
 Bryman, A. 195
 Burton, M. 281
 Butler, Judith 320
 Byrne, David 107
- Cambodia 279–80
 Campese, J. 271
 Canetti, Elias 58
 Cape Wind project 430–31
 capital T theory 346–7, 352
 capitalism 65, 322–3
 Capra, Fritjof 233–4
 carbon dioxide 496, 498
 carbon trading 496–9
 performative representation
 499–505
- case studies, generally
 approaches 193–5
 benefits 193–4
 collective case studies 187, 194–9,
 206
 environmental justice research role
 195–9
 environmental research role 187,
 193–5
 generally 192–3
- Cass, Deborah 224
 Chakrabarty, D. 147
 chiasm 19–20
 Chimni, B.S. 217
Chthulucene 146
 Cilliers, Paul 116
 civic friendship 303–4
 climate change xii
 causes 398–9
 constitutionalism, influences on
 247–8
 documentation 399
 gender constituency, role in
 305–11

- global policy and governance
 - ICT role in 307–8
 - knowledge gathering 294–5
 - UNFCCC Bali COP 307
 - women, role in developing 293–5, 304–11
- global problem, as 247, 397–9
- global warming 143, 247
- grammatical perspectives 135
- hyperobject, as 143–4
- Paris Agreement 403
- social impacts 294–5
- temporality 134–5
- trends 405–6
- clinical legal education 126
- Cloke, Paul 170–71, 182
- Code, L. 5, 26–7
- Coffin, Alisa W. 424
- Coffroth, Mary 466–7
- cognition
 - capabilities, understanding 427–8
 - embodied 418
 - other species, recognition in 428–9
 - research trends 417–18
 - sapience vs. sentience 417–18, 420–21, 426–7
 - subject-hood 419, 427–8
- Colebrook, Claire 142, 146–7
- collective case studies
 - environmental justice research, role in 187, 195–9, 206
- collective subject 523–4
- Collins, Patricia 298
- colonialism
 - environmental research and law, influences on 219–20
 - interpretations 211
- common space, sharing 69–73
- communication
 - characteristics of 406, 408–9
 - environmental law, role in 404–5
 - generally 396, 399–400, 406–7
 - legal language conflicts 403–5
 - ethical communication 409
 - inter-species conversations 491–2
 - interactions 408–9
 - legal semantics 409
 - political communication 408–9
 - scientific communication 408
 - social role 406
 - systems variation 408–9
 - webs of connection 492
- communicative theory
 - communicative differentiation
 - analysis 407–9
 - law, role in 406–9, 414–15
 - complexity of law, role in
 - understanding 406–7
 - legal semantics 411–14
 - societal semantics 411–12
 - society, communication role in 409–10
- community
 - abstraction, and 69–73
- comparative environmental
 - constitutionalism
 - benefits 263–4
 - constitutional supremacy 257–8
 - democracy, and 258–60
 - environmental rights 261–3
 - judicial independence and impartiality 254–5
 - judicial review 255–7
 - limitations 263
 - role of 249–50
 - rule of law, and 250–52
 - separation of powers, and 253–4
- complexity
 - benefit-sharing 95–6
 - challenges of 104–5, 364, 401–3, 412–13
 - environmental communication, in 408–9
 - environmental law, of 401–3, 412–13
 - environmental protection, of 401–2, 412
 - interpretation 365–6
 - new technologies, of 413
 - precautionary principle, and 365–6
 - risk, and 413–14
 - systems theory, and 109, 364–6
- complexity theory
 - benefits 109–10
 - definition 107
 - development 109–10
 - emergence, and 107
 - entropy, and 106–7
 - law, relevance to 109–11
 - limitations 366
 - system processes 109

- Connelly Camalt, J. 277
- conservation *see* environmental protection
- constitutional comparison
 challenges 237–8
 example (South Africa-Mozambique-Angola) 240–42, 255, 258, 262
 methods 242
 role of 237, 239, 242
see also comparative environmental constitutionalism
- constitutional law, generally
 constitutional supremacy 257–8
 democracy, and 258–60
 environment courts 256
 globalisation of 238–40, 245–8
 judicial independence and impartiality 254–5
 judicial review 255–7
 separation of powers 253–4
- constitutionalism
 climate change, and 247–8
 environmental law, and
 environmental constitutionalism 246–8
 role in 237–8
see also comparative environmental constitutionalism
- environmental rights 261–3
- European model 243–5
- globalisation influences 238–40, 245–8
- historical development 242
- law, general role in 238–9, 242–4
- principles 245
- sovereignty, and 246–7
- continuum 137–9
 evolution 147
 singularities, emergence 139–40
- Convention on Biological Diversity 1992
 endangered species listing process 470–71, 473–4, 476
- Convention on the Elimination of All Forms of Discrimination Against Women 1979 293
- Coole, D. 20, 23–4, 141
- Coomans, F. 281
- Cooper, D. 203
- corals
 bleaching, trends 459–60, 463, 465–6
 characteristics 463, 466–7, 469–70, 475–6, 481
 conservation
 approaches 458–60
 recovery plans 477–8
 research projects 473–4, 477
 species quantification challenges 475–8
 endangered species listing 465, 470–73
 life-death biopolitics 466–70, 475–6, 478–80
 research methodologies
 immersive ethnography 460–62
 legal perceptions, value for 459
 threats to
 climate change 459–60, 463, 465
 crown-of-thorns starfish 460–61, 478–80
- correlationalism 112–13
- Craig, Donna 166, 178, 181
- critical animal studies 441–2, 446–7
- critical discourse analysis
 five-step approach 377–8, 393–4
 precautionary principle, and 367
 judicial interpretation 379–92
 two-step approach 372–3, 388–92
 systems theory, and 376–7
- critical environmental law
 affect, role in 23, 27
 assemblages
 humans and animals, and 138–9
 responsibility, and 151
 role in 22–6, 138–42
 challenges 141, 153, 319–20
 decentring 16–19, 26–7
 generally 15–19, 407–8
 grammar, descriptive 132–42
 bodies 137–40
 continuum and ruptures 139–41
 materiality, and 134
 immanence of 18–19
 interdisciplinarity, and 135, 345–6, 405
 materiality, and 16–21, 134, 136, 150
 methodologies 132–3, 148–53
 action and scholarship

- relationships 346–7, 360–61
- challenges 133, 355–6, 359
- historical development 356
- material approach 149–50
- mineralised approach 150–51
- ontological approach 148–9
- science, role in 344–7, 415
- situated approach 151–2
- multilayering 18
- open ecology, and 17–18
- physical perspectives 132–3, 142–7
 - hyperobjects 143–4
 - planetary focus 136–7, 143–5
 - spatial and temporal distance 142–3
- posthumanism, and 17–18, 131
- purpose 131–2, 152–3, 191
- singularity of 18
- temporal perspectives 134–5
- territorial dimensions 23
- critical legal theory
 - capital T theory 346–7, 352
 - challenges 339–40
 - epistemology 344–54
 - ethics, and 225–6
 - Foucault's toolbox 347–54
 - historical development 339–40
 - historicism 353–4, 357–8
 - intellectuals *vs.* experts 350–54
 - language, law as 224
 - legal discourse, understanding 224–5
 - minority scholarship 225–6
 - precautionary principle, and 367
 - radical research methods 544–5
 - rejection of 341
 - sapience, interpretation 418
 - theoretical basis, choice 340–41
 - theory, general aversion to 338–41
 - third world approaches to international law, and 222–6
 - trends xi–xii, 539–40
 - truth, role of 352–4, 541
- critical sociology 59–60
- critique of critique 111–12
- Cullinan, Cormac 180
- Cunningham, David 68
- cuteness 419, 431–2
- cycles of urgency 192
- Darby, Philip 211
- Darwin, Charles 462
- de Castro, Eduardo Vivero 433
- de-responsibilisation 73–5
- Dean, M. 73
- Debord, Guy 64
- decentring
 - speculative entropy, and 126
 - speculative realism, and 113
- DeHaan Freek 119–20
- DeLanda, Manuel 54, 108, 485
- Delaney, David 60
- Deleuze, G. 22–3, 27, 58, 62, 67, 122–3, 138, 349, 441, 484–5, 490
- democracy
 - constitutionalism, and 258–60
 - environment, relationship with 259–60
- Denny, Mark 462
- dependency theory 213–14
- Derrida, Jacques 410
- Descartes, René 4–5, 7, 20, 57, 532
- difference, theories of 410
- differentiation
 - bodies, of 139–40, 485–6
 - communicative differentiation, role in law 407–9, 414–15
- disembodiment
 - environmental law methodology, as 3, 7–9, 549
 - legal theory, of 6–7
- Doloriert, C. 544
- Douzinas, C. 10, 218
- Downs v. Secretary of State for Environment, Food and Rural Affairs* 379–92
- Driesen, David 356
- drought 30–33
- Dryzek, S. 124–5
- dualism
 - assemblages, of 489–90
 - environment, and 484
 - majority-minority relationships 487–91, 493–4
- Duncan, Nigel 321
- duty *see* obligation
- Earth Law movement 485
- eco-embedded subjects 11–12
- eco-feminism

- climate change
 - women, role in policy
 - development 293–5, 304–11
 - women, vulnerabilities to 291–2
- environmental justice, and
 - research role 202–3
- environmental protection
 - climate change policy 304–11
 - coalition building 296–300
 - engagement in 289–90
 - gender constituency, and 305–11
 - intersectionality 290–91, 299–300
 - knowledge gathering 290, 292, 294–5
 - policy development, women's role
 - in 293–5, 304–11
 - transversalism, and 296–312
- ethics of care 202
- intersectionality, in 290, 296–330
- social eco-feminism
 - definition 289–90
 - dialogue, role of 295–6
 - intersectionality, and 290–91
- theories, generally
 - activism, as form of 295–6
 - benefits 291, 295
 - challenges 291–2
 - transversalism, and 296–312
 - Women's and Gender Constituency 308–11
- eco-systems theory 407–8
- ecocentrism
 - vs. anthropocentrism 17, 150
- ecological aesthetics 419–20
 - cuteness 419, 431–2
 - 'ruining the view' 430–31
- ecological epistemological strategies 27–8
- ecological law, generally
 - basis for 420–21
 - movement and spatiality in 420–21
 - sapience vs. sentience 418, 420–21, 426–7
- ecological thought
 - approaches 419–20
 - dualism, and 484
 - ethics, and 419–20
 - nature, interpretations of 416–19
 - qualitative vs. quantitative
 - approaches 426–7
- ecology
 - assemblages in 486–7
 - ecosophy of ecologies 484–5
 - flat ecology 483–6, 490
 - human responsibility, and 424
 - interpretation 358, 494
 - roadkill ecology 424
- ecophysiology 125
- ecosophy of ecologies 484–5
- ecosystems
 - law, connections with 109
- Edelman, Florian 107
- Ellis, C. 542–3, 545
- embodied cognition 418
- embodiment
 - autoethnography, role of experience
 - in 542–4
 - embodied cognition 418
 - environmental law methodology, as
 - 10–14, 150, 552–3
 - geography 123
 - law, of 149–50
 - nature, of 434–5
 - vulnerable subject, of 11–14
- emergence, definition 107
- emissions trading 496–9
 - performative representation 499–505
- Emmett, Robert 117
- empiricism
 - environmental justice, and 189
- endangered species
 - corals 465, 470–73
 - listing process 470–71, 473–4, 476
- entropy
 - chaos, and 105–6
 - complexity, and
 - educational benefits 125–6
 - systems definition 109
 - theoretical role in 104–9
- contexts
 - complexity 106–8
 - linear time, and 106–8, 116
 - uncertainty 106, 116–17
- definition 105–6, 421
- divergence in 108
- emergence 107
- law education
 - applicability to 115–18, 124–7
 - non-linear time, and 116, 125
 - Skill City 118–21

- uncertainty, and 116–17
 - Walking the Landscape 121–4, 129–30
- life, and 421–4
- negative entropy 106–7, 113, 116, 421–4
- types 106–7
- see also* speculative entropy
- environment, generally
 - circumstance and condition 509–10, 529–30
 - definition and interpretation xiii, 4–5, 30–33, 190–91, 509–10
 - democracy, relationship with 259–60
 - dualism, and 484
 - environmental justice perspective 190–91
 - existential element, as 246
 - human impacts on 396–7, 411–12
 - human relationships with 483–4
 - nature-society interactions, and 30–33, 519–29
 - public goods, environment sources as 259–60
 - regulatory mapping onto natural spaces 40–41, 43–50
 - restrictions on 510
 - sexuality of 536
- environmental activism
 - academic role in 186
 - formal and informal networks, and 203–4
 - research, role in 203–5
 - significance 201
- environmental constitutionalism
 - see* comparative environmental constitutionalism
- environmental degradation
 - complexity of 403–4, 413–14
 - consequences, assessment of 404
 - invisibility of 405–6, 410–11
 - irreversibility 404
 - subjugation of sexuality, comparison 534
 - trends 396–9, 404–6
 - understanding 400–401
- environmental justice
 - advice networks 205
 - environmental law research, and activism, role of 203–5
 - feminist and eco-feminist theories 202–3
 - limitations 188–9
 - local and global interactions 201–2
 - relational and situational approaches 202–3
 - role in 188–92, 206
 - social science role 190–91
 - theoretical approaches 189, 196, 202–3
- evidence
 - collective case studies 187, 195–9, 206
 - forms 186–7
 - role 186–7, 200–201
- forms
 - distributive justice 201
 - procedural justice 196, 201
 - relational justice 202–3
 - spatial justice 201–2
- judicial interpretations 189–90
 - limitations of 190
- law education role in
 - activism, and 186
 - challenges 185–7
 - everyday evidence, place of 186–7
 - feminist influences on 187
 - generally 184–6, 191–2
- open green spaces case study
 - basis 195–9
 - critical approaches 199–203
 - everyday evidence, role of 200–205
 - purpose 487–8, 494
- environmental law, generally
 - anthropocentrism 416–17
 - basis for 414–15
 - challenges 168, 181–2, 319–21, 403–4, 413–14
 - context 169–71
 - legal language 403–5
 - complexity 401–3
 - criticism of 159
 - development 396
 - Earth Law movement 485
 - environmental circumstance and condition 509–10
 - fragmentation 321
 - geography, influences of actor network theory 164–5

- anthropocentrism 176–7
- essentialism 174–6
- non-human agency 167–8, 170–71
- place-centricity 178–82
- research methodologies 163–8
- universality 172–4
- ‘in action’
 - integrated water resources management 43–4
 - nature-society interpretations 29–33, 37–9, 43–4, 47–50
- informal laws, role of 181
- interdisciplinarity, and 135, 345–6, 405, 536–7
- international law, domestic law
 - applicability 402–3
- legal semantics 411–14
- limitations 399–400, 509
- nature-society distinction 510
- place-centricity 177–83
- purpose 416–17, 509
- societal semantics 411–12
- see also* critical environmental law
- environmental law, research
 - methodologies
 - action and scholarship relationships 346–7, 360–61
 - anarchism 316–17
 - Anthropocenic perspectives 132–3
 - assemblages, role of 22–6, 138–9
 - assumptions 321–2
 - autoethnography 541–9
 - autonomous subject 9–12
 - challenges 319–21, 355–6, 359–61
 - change, need for xiv–xvi, 360–61
 - collective case studies 187, 192–5, 206
 - communication, role of 396, 403–5
 - communicative theory 406–15
 - context, role of 166–7, 284–5
 - criticism, role of 26
 - decentring 15–19, 26–7
 - disembodiment 3, 7–9, 549
 - dual functions 355–6
 - ecological epistemological strategies 27–8
 - embodiment 10–14, 150, 542–3, 552–3
 - epistemology of mastery, and 7–8, 15, 26
 - ethical dimension 189–90
 - flexibility in 280–81
 - focus of 3, 162–3, 280–82, 321–2
 - gendered frameworks 282–3
 - geography, guidance from 162–8, 172–7
 - historical development 356–8
 - immanence, and 18–19
 - importance of 280–82
 - legal geography 282–3
 - legitimacy of 189–90
 - liberalism 322
 - limitations 404–5
 - materiality, and 16–21
 - mind *vs.* matter debate 4–5
 - multilayering 18
 - narrative approach 166
 - new materialism 20–21
 - nommic law 18
 - open ecologies 17–18
 - positivism 342–3
 - problem-solving 335–6
 - purity, importance of 360–61
 - purpose 354–5
 - relational-material focus, need for 166–8
 - risk society theory 413–14
 - science, role of 344–7, 404–5, 415
 - singularity 18
 - social interpretation 282–4
 - spatiality 16–17
 - subversive strategies 552–3
 - territorial dimensions 23
 - testing against real world conditions 280–81
 - theoretical basis 342–3
 - vulnerable subject 10–14, 24–5, 28
- Environmental Law Foundation 205
- environmental pressures, interpretation 33
- environmental protection
 - attitudes, law *vs.* science 401–2, 415
 - complexity 401–2, 412
 - conservation limitations 423–4
 - democracy, relationship with 259–60
 - discretion, and 406
 - heritage management, and 275–6, 279–80
 - human rights, and
 - constitutional rights, as 270–71

- development comparisons 266–7
- interaction between 265–7
- linking, regulatory benefits of 267–71
- nexus approach 268–9
- regional policy developments 270–71
- UN policy developments 269–70
- human rights-based approach 271–80
 - accountability impacts 274
 - benefits 275
 - challenges 273–4, 275–6
 - heritage management 275–6, 279–80
 - negative and positive obligations 272–3
 - NGO role 273–5
 - outcome-driven vs. process-driven policies 273
 - policy implementation stages 273–4
 - procedural vs. substantive rights 274–5
 - situational analysis 280
- interpretative limitations 406
- law, and
 - limitations 399–400
 - purpose 406, 411
 - rule of law role 250–52
- environmental research
 - assemblages, role of 22–6
 - focus for 532–3
 - humility 25
 - legitimacy of 189
 - purpose xv, 415
 - third world approaches xv–xvi
 - attitudes to 227–30
 - benefits of 230–31
 - development 212, 217–18, 227–31
 - environment as natural resource 212–16
 - history, role of 218–20
 - legal development, influences on 214–15
 - methodologies 212–16, 218–19
 - North-South divide 139, 212, 233–4
 - theoretical influences on 213–14
 - vulnerability, role in 24–5, 28
- environmental rights 261–3
- environmental rule of law 250–52
- environmental state 246
- environmentalism 322–3
- epistemology
 - critical legal theory, and 344–54
 - criticism 512–13
 - ecological epistemological strategies 27–8
 - mastery, of 7–8, 15, 26
 - ontologies, differences from 149
 - place, of 177, 492
 - qua* epistemology 341–4
- Esposito, Roberto 70
- essentialism
 - geography, influences of 174–6
- ethics
 - autoethnography, challenges of 542–3, 546–7
 - care, of 202
 - critical legal theory, and 225–6
 - ecological thought, and 419–20
 - environmental challenges 523
 - Ethics Committees, contextual influences on 547–8
 - relational ethics 38
 - research ethics, expansion of 539, 550–54
 - sexuality, as research focus 539
 - tyranny of science 550
 - see also* environmental justice
- ethnography
 - activist research, as 330–33
 - actor-network theory, and 80, 83–4, 92–3
 - benefit-sharing 92–3
 - critical role 100
 - definition 542
 - ethical challenges 542–3
 - feminist research, and 332
 - immanence, and 331–2
 - immersion approach 460–62
 - knowledge - power relationships 96
 - principles 331, 333
 - see also* autoethnography
- ethology 27
- EU law
 - carbon trading 496–9
 - precautionary principle, and 401–3
- evolutionary theory 425–7, 429

- exaptation 425–6
 exception 58–9
 exceptionalism, human 136–7, 151–2
 experts *vs.* intellectuals 350–54
 explanatory critique concept 377
 extelligence 426, 429
- Fairclough, Norman 376–8, 388
 Falk, R. 192
 Farber, Daniel 125
 Feenberg, A. 112
 feminism
 - animals, law relating to 453–6
 - dualism, and 484
 - environmental justice, research role in 187, 202–3
 - ethics of care 202
 - ethnography, and 332
 - politics of becoming, and 494
 - see also* eco-feminism
- Fineman, M. 9–14
 Fisher, Elizabeth 188–90, 342
 flat ecology
 - actual *vs.* virtual 485–6, 490
 - interpretation 483, 551
 - principles 485–6
- flat ontologies 484–7
 Ford, Richard T. 42–3
 foresight principle 368
 Foucault, Michel 55, 360–61, 410, 469
 - toolbox 347–54
- Foucault Effect Conference 1991–2011 348–9
 Fox, N.J. 22–3
 Francis, Pope 277–8
 Freire, Paulo 327, 329–30
 Frost, S. 20, 23–4, 141
 ‘f#cking’ research method
 - challenges of 540
 - interpretation 539
 - principles 540–41
 - role of 539–40
- G-77 215–16
 Gatens, Moira 137
 Gaventa, John 325–6
 Gearty, C. 267
 gender
 - autonomous subject, of 9
 - legal personality, masculinity of 548
 - research methodologies, and 282–3
 - world, gendered ontology of 6
 - see also* eco-feminism; women
- Gendercc 307
 general intellect, notion of 62–3
 geography
 - embodied 123
 - environmental law, influences on
 - anthropocentrism 176–7
 - essentialism 174–6
 - place-centricity 178–82
 - universality 172–4
 - human rights, and 276–80
 - nature-society interactions, and 277–8
 - legal geography 123, 277–9, 282–3
 - research methodologies 163–8
 - actor network theory 164–5
 - flexibility in 280–82
 - legal geography 282–3
 - multiplicity 181
 - non-human agency 167–8, 170–71
- geophilosophy 146–7
 Gilbert, Scott 468
 global warming 143
 globalisation
 - appropriation, and 518–19
 - constitutionalism, and 238–40, 245–8
 - sovereignty, influences on 246–7
 - world objects 524–5, 531
- godtrick 491–2
 Goldstein, Kurt 66–7
 Goodrich, Peter 63–4
 Gould, Stephen Jay 425
 Graeber, David 330–31
 Gear, A. 549
 Great Barrier Reef 460, 465, 478–80
 green capitalism 322–3
 Greiber, T. 274
 Griffioen, Aetzel 118–21
 Guattari, Félix 22–3, 67, 118, 122–3, 484, 490
 guidance documents 33–5, 49–50
 Gutterman, Ellen 302
 Gutting, Gary 349–50

- Hage, Ghassan 69–72
 Haiven, Max 331
 Hallward, Peter 114
 Halse, C. 547
 Harari, Josué 513
 Haraway, Donna 146, 332, 480–81, 489, 491–3, 545
 Harris, Graham 125
 Hawkins, Keith 33–4
 Hayden, Cori 90, 93–4
 health and safety 74
 Helmreich, Stefan 462, 468
 heritage management 275–6, 279–80
 hermeneutics 375
 historicism 353–4, 357–8
 Hoegh-Guldberg, Ove 478
 Hofses, B. 541
 Holst, John 335–6
 Hornstein, Donald 110
 Horowitz, Morton 319–20
 Houston, Donna 117
 human agency 7–8, 23, 27
 human exceptionalism 136–7, 151–2
 human rights
 adoption trends 261–3
 environmental protection, and constitutional rights, as 270–71
 development comparisons 266–7
 geographical approach 276–80
 heritage management 275–6, 279–80
 human rights-based approach 271–80
 interaction between 265–7
 linking, regulatory benefits of 267–71
 nexus approach 268–9
 regional policy developments 270–71
 UN policy developments 269–70
 environmental rights, and 261–2
 more-than-human rights 537
 negative and positive obligations 272–3
 purpose 269
 vulnerable subjects, and 12
 humanity
 animals, in opposition to 446–7
 bodies, indistinguishability 137–40
 collectivisation 149
 continuum of 137–9
 de-individualisation 149
 environmental degradation, role in 147
 mineralised temporality, as 145
 planet, connections with 136–7, 143–5
 humans
 assemblages, as 138–9
 definition 7
 human-nature gap 417
 reason, capacity for 417–18
see also more-than-human
 Humphreys, Stephen 233
 Hutchinson, Terry 321
 hybrid nature-culture collectives 38
 hyperobjects 143–4, 551
 immunity
 abstraction, and 69–75
 responsibilisation, and 74–5
 impartiality 160
 indistinguishability, of bodies 137–40
 Ingold, Tim 170, 531
 integrated resources management 40–41, 43–4
 integrated water resources management
 environmental law ‘in action’ 43–4
 intellectual history 219–20, 350–54
 intellectual property
 bioprospecting tensions 87–8, 96–7
 law of, purpose 96
 intellectuals *vs.* experts 350–54
 intelligence
 general intellect, notion of 62–3
 intention, and 427
 interpretation 425, 428–9
 skeuomorphism, and 426–7
 international environmental law
 development 230
 theoretical influences 232–3
 limitations 231–3
 New International Economic Order 215–16
 politics of, role 231–2
 scholarship
 attitudes to 231–2

- development, influences on 210, 229–35
 - Locating Nature project 234–5
- international law, generally
 - liberalism, and 223
 - Locating Nature project 234–5
 - New Approaches to International Law (NAIL) 208–9, 217, 222
 - non-intervention principle 217
 - North-South divide 139, 212, 228–9
 - sovereignty 215–16, 223
 - natural resources, over 215–16, 235–6
 - third world approaches to 222–6
 - see also* international environmental law; third world approaches to international law
- intersectionality
 - eco-feminism, in 290, 296–330
- irreducibility, principle of 485
- irreductionism 113
- Israel 459–60

- Jackson, Bernard S. 443–4
- Janse, Max 475–6
- Janz, Bruce 177
- Jones, Owain 170–71, 182
- Josefsson, Henrik 34
- jurisdiction
 - animal rights 444
 - attitudes to 160
 - jurisdictional spaces 42–3
 - territorialisation and de-territorialisation 493
- jurisprudence
 - animals, law relating to 442–4
 - Anthropocene, beyond the 537–8
 - vulnerable subjects 12

- Kannibrian, Kalpana 295–6
- Kant, Immanuel 6–7, 57, 63
- Kavalski, Emilian 107
- Keenan, Sarah 171
- Kennedy, Duncan 222, 225
- Khasnabish, Alex 331
- Kingdom of Sweden v. European Commission* 392
- Kirksey, Eben 141
- Kloepfer, Michael 246

- knowledge
 - assemblages, of 488–9
 - becoming-imperceptible 494
 - being and knowing 488–9, 492
 - borders of 513
 - environment, as an 512
 - environmental justice, research role 201–5
 - gathering, role of women in 290, 292, 294–5
 - law, relationship with 191, 513–14
 - local knowledge 186–7, 200–205
 - method and anti-method approach 513
 - power, relationships between 96
 - situated knowledge 332, 489, 491–3
 - theories 410, 512–13
 - traditional knowledge 87–8, 94, 96
 - value of 87–8, 96
 - see also* epistemology
- Ko, Sebastian 125
- Koskenniemi, Martti 222–4
- Kraak, A.L. 275–6
- Kracauer, Siegfried 65
- Kritsiotis, Dino 247
- Kropotkin, Peter 327

- landscapes
 - cultural and biophysical nature 182
 - more-than-human methodologies, as 179–80
- language
 - law as 224
 - structuralist understanding of 224
- Latour, Bruno 83–4, 113, 483–5, 491, 512–13
- law, generally
 - abstraction of 66–8, 76–7
 - actor-network theory, and 36, 39, 50, 83, 99
 - animals, treatment 441, 445–6, 448–9, 450–52, 455–6
 - Anthropocene, impact on 152–3
 - anthropocentrism, and 176–7
 - assemblage, as an 25
 - basis for 412
 - biopolitics of 122–3
 - certainty, need for 412–13
 - common space, sharing 69–73

- communicative theory, and 406–9, 414–15
- complexity theory, relevance to 109–11
- contract principles 526–9
- definitions 58–9, 67–8, 413
- delegation *vs.* responsibilisation 73–4
- destabilizing and de-territorializing features 25
- ecosystems, connections with 109
- embodiment 149–50
- essentialism, and 174–6
- exception mechanisms 58–9
- externalist *vs.* internalist models 56–7
- generalizability 173–4
- impartiality, role in 160
- informal laws, role of 181
- interdisciplinarity 412, 536–7
- knowledge, relationship with 191, 513–14
- law as language 224
- linguistic primacy 134
- market, influences of 319–20, 322–3
- materiality, role in 160–61
- narrative approach 166
- nature-society interactions
 - law ‘in action’ 29–33, 37–9, 49–50
 - spatio-legal approach 54–61, 68–9
- network perspective, benefits of 161–2
- nomic *vs.* logic law 67–8
- norms, underlying structure 57–9
- obligation, role of 57–8
- ontological position, criticism of xii, 26
- positivism 165–6
- product and process, as 54–5
- purpose 412–13, 434–5
- sacred things, treatment 456–7
- self-referential nature 57
- socio-cultural influences 55–6
- spatial influences 159–60
- subject-hood, legal 419–21, 427–8, 442–5, 520, 523–4
- subjects and subjectivities in 26
- temporal influences on 152–3, 159–60
- universality, and 172–4
- Law, John 545
- law education
 - entropy, and
 - applicability to 115–18, 124–7
 - non-linear time, and 116
 - Skill City 118–21
 - uncertainty, and 116–17
 - Walking the Lawscape 121–4, 129–30
 - environmental justice, and
 - activism, and 186
 - challenges 185–7
 - everyday evidence, place of 186–7
 - feminist influences on 187
 - generally 184–6, 191–2
- Lawrence, Thomas 219
- Lawscape x–xi, 121–4, 129–30
- Lazarus, Richard 189–90, 356
- Lefebvre, A. 41
- legal certainty, need for 412–13
- legal discourse
 - attitudes to 338–9, 360–61
 - historical discontinuity, and 357–8
 - interdisciplinarity 345–6
 - linear approaches 357
 - sapience, interpretation of 418
 - science, role in 344–7
 - standing, granting to other species or inanimate locations 327–428
 - theoretical framework 224–5, 342–4
 - understanding 342–3
- legal geography 123, 277–9
- research methodologies 282–3
- legal personality
 - masculinity of 548
 - non-humans 442
- legal theory
 - aversion to 338–41, 355–6, 360–61
 - disembodiment of 6–7
 - Foucault’s toolbox 347–54
 - historicism 353–4, 357–8
 - qua* epistemology 341–4
 - science, and 344–7
 - truth, role of 352–4, 541
- Leopold, Aldo 167
- liberal environmentalism 322–3
- liberalism
 - anarchism, compared with 316, 337
 - environmental law, limitations for 322

- neoliberalist responsibilities 73–4, 320
- research influences 320, 322
- third world approaches to international law, and 223
- life
 - anti-entropic force, as 421–4
 - biological time 423–4
 - capacity for 421
 - human responsibility for 424
 - land-based focus 462–3
 - mobility of 424
 - physical system, as 421–4
 - see also* biopolitics
- Lim, Hilary 123
- Locating Nature project 234–5
- location, politics of 26, 493
- Locke, Peter 100
- Longo, Giuseppe 420–24, 434
- Lorenz, Konrad 431
- Lovelock, James 418
- Luhmann, Niklas 409, 412–13
- Lynd, Staughton 328
- Lyotard, Jean François 494
- McCalman, Iain 463, 465
- McGee, Jeffrey 321
- MacGregor, Sherilyn 303
- Mackay, Robin 429–30
- Macnaghten, Phil 530
- Macrory, Richard 356, 358
- Magraw, Daniel 252
- majority-minority relationships 487–91, 493–4
- Margulis, Lynn 468
- Martin, Paul 166, 178, 181
- Marx, Karl 62–3
- Mason, Gail 332
- Massey, Doreen 151
- mastery, epistemology of 5–8, 15, 26
- materialism
 - environmental law
 - critical approach to 149–50
 - implications for 20–21
 - matter, interpretation 20–21
 - new materialism, development 20–28
 - speculative realism, and 112–13
- materiality
 - actor-network theory, and 93–4, 98
 - benefit-sharing, in 93–4
 - embodied incorporation 136
 - environmental law, and 16–21, 134, 136, 150, 160
 - law, role in 160–61
 - linguistic primacy, and 134
 - lively materiality of nature 37–9
- Mattei, Ugo 233–4
- meaning and mattering 490–92
- Meillassoux, Quentin 112–16
- Men fighting with sticks* (painting) 520
- Merchant, Catherine 5–6, 148
- Merleau-Ponty, Maurice 19–20
- methodologies, in environmental law
 - see* environmental law, research methodologies
- methods, radical *see* radical method
- M’Gonigle, M. 205
- Miller, Margaret 467, 472–3, 475–6
- Mitchell, Alanna 462–3
- Mitchell, C. 193
- Montévil, Mael 422–4
- Montreal Protocol 1987 403
- Moore, Jennifer 472–3, 475, 477
- Moore, Nathan 123
- more-than-human bodies 534
 - research focus, as 550
 - sexuality of 534–7
- more-than-human rights 537
- Morton, Timothy 112, 134, 143, 145, 151–2, 431, 551
- Moulding, Alison 467–8, 474–5
- Mozambique 240–42
- multidisciplinarity
 - critical environmental law, in 135
 - environmental law research, role in 283–4
 - geography, in 181
 - ontologies 162
- multinaturalism 433–4
- multiplicity
 - geography, in 181
 - interactions, of 201–2, 220
 - law, influences on 183, 194, 220, 248, 309
- Muncey, T. 542–3
- Murphy, Brendon 321
- Murray, Jamie 109–10
- Murtagh, Cera 300
- Mutersbaugh, Tad 43

- Naffine, N. 548
 Nagle, John 159
Natural Contract (book) 514, 519–29
 natural resources, generally
 permanent sovereignty principle
 215–16, 235–6
 use trends 398–9
 naturalism 432
 multinaturalism 433–4
 naturalized perspectives 432–6
 naturalness 416–17
 nature
 aesthetization 431–2, 436
 control of, for human benefit 5–6
 definition 435
 embodiment 434–5
 finding our place in 432
 gendered ontology of 6
 human influences on 416
 human-nature gap 417
 interconnectedness 418–19
 interpretations of 416–19, 435–6
 laws of 434–5
 life, capacity for 421
 objectification 4–5, 8
 passivity of 416–17
 rule of law role 250–52
 subjectivity 435–6
 traditional knowledge and beliefs
 432–3
 nature-culture relationships
 hybrid collectives 38
 separation 517
 three stages of 524–5
 nature-society interactions 47–9
 actor-network theory perspective
 35–9, 50, 80
 biogea, role of 530–31
 contractual relationships 526–9
 geographical approaches 277–8
 guidance documents, role of 33–5,
 49–50
 jurisdictional space 42–3
 law, and
 ‘in action’ 29–33, 37–9, 49–50
 influences on 30–39
 regulation, interpretations
 30–33
 regulatory mapping onto natural
 spaces 40–41, 43–50
 listening and hearing 530–33
 methodological approach 37–9
 natural contract, the 519–29
 posthumanist distinctions
 112–13
 relational ethics, and 38
 research trends 29–30
 role of 29
 Roman Catholic Church on
 277–8
 social practices, and 42–3
 spatial perspectives 39–49
 symbiotic rights 527–9
 third parties in 530–31
 time and space interactions 42
 nature writing 434–5
 Negarestani, R. 146, 489–90
 negative entropy 106–7, 113, 116,
 421–4
 negligence
 animals, damage caused by 443–5,
 450–52
 Nemesio, Irene 252
 neo-Marxism 214
 neoliberalism 73–4, 320
 Nepal 283
 Nettle, Claire 327–8, 331
 Neves Marques, Pedro 432–3
 New Approaches to International Law
 (NAIL) 208–9, 217, 222
 New International Economic Order
 215–16
 new materialism 20–28
 new prudentialism 73
 Newman, Saul 324
 Nightingale, A.P. 283
 nomadic abstraction 66–9
 nomic law 18
 nomotop 55
 non-government organisations
 environmental protection role
 human rights-based approach
 273–5
 women, role of 306–11
 non-humans
 actants, role of 170–71
 agency 167–8, 170–71, 491–2
 legal personality 442
 masculine vs. feminine perceptions
 442, 453–6

- more-than-human methodologies 179–80
 - see also* animals; plants
- non-universality of place 177–8
- North-South divide 139, 212, 228–9, 231–4
- objects
 - bodies, as 535
 - legal treatment 525–6
 - nature, as 4–5, 8
 - object-oriented ontologies and philosophies 113
 - world objects 524–5, 531
- obligation, role in law 57–8
- O'Connor, James 233
- ontologies
 - critical environmental law, for 148–9
 - epistemology, differences from 149
 - flat ontologies 484–5
 - multidisciplinarity 162
 - ontological units 489
- Oosterling, Henk 118–21
- open ecologies 17–18
- Osborne, Peter 61–2
- Otomo, Yoriko 233
- Ottinger, G. 200
- Paris Agreement 2015 403
- parochialism 182
- patents
 - bioprospecting, tensions in 87–8
 - purpose 96
- Paterson, John 374–6
- Paulson, William 531
- Peck, Jamie 179
- pedagogy, generally
 - clinical legal education 126
 - research stages 329–30
 - speculative entropy, and 115–18, 124–7
 - strategies 552
 - see also* law education
- Pedersen, O. 188–9
- pedomorphism 431
- people/ place dynamics, understanding 276–80
- personification 64–6
- perspective naturalism 432–6
- Philippopoulos-Mihalopoulos, Andreas 65, 74–5, 233
 - Walking the Lawscape 121–4, 129–30
- Phillips, Anne 300
- place
 - co-becoming of people and place 177–8
 - epistemologies of 177, 492
 - landscapes as more-than-human methodologies 179–80
 - non-universality of 177–8
 - people/place dynamics, understanding 276–80
 - politics of location 26, 493
 - sense of 277
- place agency 171, 180
- place centrality 177–83
- planetary perspective
 - climate change, as hyperobject 143–4
 - environmental law, role in 136–7, 143–5
- plants
 - agency 167–8
 - life, human responsibility for 424
 - passivity 170–71, 174–6, 420–21
 - transfer permits 469–70
 - see also* corals
- Plumwood, Val 484
- pluriverse 485
- politics of location 26, 491, 493
- politics of truth 353–4
- pollution
 - appropriation, as 514–19
 - definition 516–17
 - trends 396–8, 410
- positivism
 - challenges to 164–5
 - environmental law research, in 342–3
 - law, and 165–6
 - natural world, suitability 165–6
- post-colonial theory
 - dependency theory, and 213–14
 - neo-Marxist theory, and 214
 - North-South divide 139, 212
- post-critical theory 111–12
- post human orgasm 552–3
- post-political theory 73
- post-structuralism 112–13

- postanarchism 324
 posthuman ecology 484, 487–8
 posthumanism
 anthropocentrism vs. ecocentrism 17
 critical environmental law, and
 17–18, 131
 nomic law, and 18
 society to sociality shift 53, 56
 speculative realism, and 112–13
 precautionary principle
 application of 401–3
 background 368, 401
 causation, and 384–5
 certainty, and 370–72, 380–82
 challenges 368–74, 382–3, 402
 critical legal theory, and 367
 decision-making classifications
 under 370–72
 definition 368, 379
 EU law, under 401–3
 ignorance, and 371–2
 importance 401
 judicial interpretation 379–92
 plausibility, and 372–3, 388–92
 purpose 368–71
 reasonableness, and 372–3, 383–4,
 386–9, 392
 risk, and 370–72, 381, 385–7
 systems theory, and 365–6, 368–9,
 393
 WTO Dispute Settlement
 Understanding interpretation
 401–3
 profanation 75
 property, theory of 515
 appropriation as pollution 514–19
 globalisation influences 518–19
 space, perceptions of 518–19
 public goods 259–60
 Puerto Rico 459–60

 radical method
 ethical awareness, and 551–2
 fear of 539–40, 544–5
 generally 533
 objectivity, in 545
 purpose 535, 549–52
 see also f#cking research method
 rational human agency 7–8
 rationality
 disembodiment 6–7
 epistemology of mastery, and 7–8,
 15, 26
 gendered ontology 6
 human rational agency, and 7–8
 rational subject, autonomy of 9–12
 realism
 agential realism 489
 speculative realism 111–15
 reason, human capacity for 417–19
 Red Sea 459–60, 465
 regulation, generally
 limitations 412
 mapping onto natural spaces 40–41,
 43–50
 negative impacts xvi
 regulation-space interactions 47–9
 scale, influences of 46–7
 societal judgments, inclusion 33–5
 testing against real-world conditions
 280–81
 relational ethics 38
 research ethics
 ethical awareness, and 551–4
 expansion of 550–52
 sexuality, and 539
 Third World approach 225–6
 Resnik, David 370–74, 388–9
 responsabilisation 73–5
 responsibility
 juridical responsibility 151
 life, human responsibility for 424
 neoliberalism, and 73–4, 320
 situated knowledge, and 492–3
 revisionism
 animals, law relating to 453
 Rich, Adrienne 493
 rights, generally
 environmental rights 261–3
 interpretation 260–61
 see also animal rights; human rights
 Rio Declaration 1992 368, 400
 risk society theory 413–14
 Ristroph, Elizabeth 251–2
 roadkill ecology 424
 Rocker, Rudolf 324
 Roman Catholic Church 277–8
 Rousseau, Jean-Jacques 516
 Ruhl, J.B. 109–10
 rule of law 250–52

- Sachs, W. 268
 sacred things 456–7
 Sagan, Dorian 468
 Sagoff, Mark 516
 Sambrook, S. 544
 sapience vs. sentience 417–18, 420–21, 426–7
 Sarat, Austin 149–50
 Sassen, S. 201–2
 Schmdt, Jeremy 550
 Schmitt, Carl 58–9
 Schrödinger, Erwin 106
 Schuijers, L. 274
 science and technology studies
 interrelations between sciences 512, 530–31
 research ethics 550
 sentience vs. sapience 418
 tyranny of science 550
 scientism 345–6
 Scorza, Jason 303
 Scott, James C. 318
 self
 definition and interpretation 10, 19
 speculative realism, and 111–15
 self-determination 219–20
 self-reference 57, 375, 394
 self-reliance, theory of 214
 sentience vs. sapience 417–18, 420–21, 426–7
 separation of powers 253–4
 Serres, Michel 510–33
 Natural Contract 514, 519–29
 sexuality
 bodies, of 536–8
 environment, of 536
 fear of 539–40, 548–9
 interpretation 548, 551
 law, and
 legal personality, masculinity of 548
 role in understanding 534, 537–9
 orgasms, ethical role of 552–3
 research field, as
 characteristics 535–6, 539
 ethical awareness, and 551–2
 ethical challenges 539, 542–3
 relevance 537–9
 subversiveness, and 552–3
 sexuality assemblage 535–6
 Shelton, D. 268–9
Sierra Club v. Morton 427–8
 Silva, Almeida 117
 situated knowledge 332, 489, 491–3
 sixth extinction 399
 skeuomorphism 426–7
 Skill City 118–21
 Sloterdijk, Eric 73–4
 Smith, Mick 528
 social contract, with nature 519–29
 social sciences
 environmental research approaches 190–91
 society
 comfort, of 73–4
 sociality, shift towards 53–4
 theories of 52–4
 socio-legal studies
 abstraction, compared with 59–60
 challenges 375
 forms and focus of 375
 geo-legal perspectives 278–9
 role of 278–80
 system theory, and 375–6
 trends 29–30, 339–40
 see also communicative theory;
 nature-society interactions; risk
 society theory; systems theory
 socio-spatial dialectic 41, 73–5
 Soja, Edward W. 41
 Sonenberg, J. 541
 South Africa 240–42, 255, 258, 262, 271
 sovereignty
 constitutionalism, and 246–7
 globalisation, influences on 246–7
 natural resources, over 215–16, 235–6
 Third World approaches to international law, and 215–16, 223
 space
 environmental law, of 16–17
 fear of 60
 interconnections 42, 47–9
 jurisdictional spaces 42–3
 mobility of life, and 424
 nature-society interactions 39–40, 43–4, 47–9
 non-human agency, and 171

- perceptions of 518–19
- regulation-space interactions 47–9
- regulatory mapping onto natural spaces 40–41, 43–50
- social nature of 41–3
- social sub-spaces 42
- time, relationships with 42
- spatio-legal, concept of 54–61, 525–6
 - common space, sharing 69–73
 - nomadic abstraction, and 67–8
- territorialising 68
- speculative entropy
 - benefits 105, 117
 - contingency, necessity of 113–14
 - dynamism 113–14
 - educational role 115–18, 124–7
 - interpretation 104–5
 - negative entropy, and 113, 116
 - non-linear time, and 114–15
 - principles 126–7
 - Skill City 118–21
 - uncertainty, and 116–17, 126
 - walking the lawscape, and 121–4, 129–30
- speculative realism 111–15
 - becoming, and 116
 - benefits 114–16
 - correlationalism 112–13
 - hyperchaos, and 114
 - irreductionism, and 113
 - materialism, and 112–13
 - object-oriented ontology/philosophy, and 113
 - posthumanism, and 112–13
- Spinoza, Baruch 140
- Stanley, P. 544
- Starke, J. 205
- Stashita, Miyoko 473–4
- Stockholm Declaration 1972 400
- Stone, Christopher D. 117, 523
- Stoterdijk, Peter 55
- structuralism 224
- subject-hood, legal 419–21, 427–8, 442–5, 520
 - collective subjects 523–4
- subjectivity
 - challenges of 486
 - world, of the 524, 531
- sustainability xii
 - importance of 401
 - principle 400–402
 - third world, and 228–9
- sustainable development
 - concept development 400–401
 - interpretation 404
 - rule of law, and 250–52
- Swart, Sjaak 177, 179
- symbiopolitics 468
- symbiotic rights 527–9
- systems theory
 - autopoietic systems 364–5, 374–6
 - complexity, and 109, 364–6
 - critical discourse analysis, and 376–7
 - deparadoxification strategies 394–5
 - empirical application 374–6
 - environmental justice, and 189
 - five-step approach 377–8, 393–4
 - limitations 393–4
 - linear relationships, and 377
 - precautionary principle, and 365–6, 368–9, 393
 - causation, and 384–5
 - certainty, and 370–72, 380–82
 - challenges 368–74, 382–3
 - decision-making classifications under 370–72
 - definition 368, 379
 - ignorance, and 371–2
 - judicial interpretation 379–92
 - plausibility, and 372–3, 388–92
 - reasonableness, and 372–3, 383–4, 386–9, 392
 - risk, and 370–72, 381, 385–7
 - research forms 374–5
 - self-reference, and 375, 394
 - socio-legal studies, and 375–6
 - two-step approach 372–3, 388–92
- taboos 454–5
- Tarde, Gabriel 53
- Teubner, Gunther 374–6, 411–12
- Theodore, Nik 179
- thermodynamics, second law of 106
- third world
 - definition and interpretation 209–211
 - development
 - growth trends 210

- North-South divide 139, 212, 228–9, 231–2
- UN influences 215–16
- Western influences 228
- environmental law, and
 - common but differentiated responsibilities 228–9
 - engagement limitations 229
 - injustice, perceptions of 228–9
 - sustainability 228–9
- international law, generally
 - development, focus trends 230
 - New International Economic Order 215–16
 - scholarship development, influences on 210, 229–35
- natural resources
 - permanent sovereignty over 215–16, 235–6
 - regulation 207
- political coalitions 209–210
 - G-77 215–16
- reforms 215–17
 - challenges 216–17
- Third World Approaches to International Law (TWAAIL)
 - background 207–10
 - challenges 208
 - common characteristics 208
 - environmental research
 - attitudes to 227–30
 - benefits of 230–31
 - development 212, 217–18, 227–31
 - environment as natural resource 212–16
 - history, role of 218–20
 - legal development, influences on 214–15
 - methodologies 212–16, 218–19
 - North-South divide 139, 212, 233–4
 - theoretical influences on 213–14
 - legal research, generally
 - benefits of 230–31, 235–6
 - challenges 222–3
 - colonialism, influences of 219–20
 - critical legal theory 222–6
 - doctrine, influences of 222
 - ethics, and 225–6
 - interdisciplinarity 218–19, 221, 224–5
 - law and cultural difference, interactions 219–20
 - liberalism, and 223
 - methodologies 220–24
 - non-intervention principle, and 217
 - race and ethnicity 225–6
 - sovereignty, and 223, 235–6
 - subjectivity *vs.* objectivity 222–3
 - theoretical influences 221
 - trends 226, 229–35
 - Western bias 226–8
 - purpose 207–8, 218–19
 - time
 - biological time 423
 - climate change, and 134–5
 - law, influences on 152–3, 159–60
 - linear time 106–8
 - non-linear time 114–16
 - perspectives 134–5
 - space, relationships with 42
 - speculative theories, and 111–12, 114–15
 - types, generally 42
- TimeSpace concept 41–2
- Tomaney, John 182
- traditional knowledge
 - definition 94
 - nature, beliefs in 432–3
 - value of 87–8, 96
- transversalism
 - across difference dialogue 300–304
 - benefits 299–300, 311–12
 - climate change policy, and
 - gender constituency 305–11
 - women's engagement with 304–11
 - concept development 298–9
 - definition 296–8
 - feminist theory, and 297–9
 - intersectionality, and 299–300
 - limitations 312
 - purpose 297–9
 - rooting and shifting 302–4
- Trentmann, Frank 168–9
- Tribe, L. 190
- truth, role of 352–4, 541
- TWAAIL *see* Third World Approaches to International Law

- United Nations 238
 - Charter 215, 246–7
 - climate change governance 293–5, 304–11
 - Conferences on human rights and the environment 269–70
 - development 215
 - third-world state development, influences on 215–16
 - women, and
 - climate change policy, role in development 293–5, 304–11
 - groups and policies relating to 292–3
 - Women's and Gender Constituency 308–11
- universality
 - environmental law, and 172–4, 177–8
- Urry, John 530
- van Grondelle, R. 267–8
- Vernant, Jean-Pierre 455
- Vico, Giambattista 532
- Virno, Paolo 63, 71
- virtuality 485–6, 490
- vulnerability
 - environmental protection standard, as 407
- vulnerable subject
 - context of 11, 13–14
 - definition 10–11
 - embodiment 11–14
 - environmental law, application to 10–14, 24–5, 28
 - environmental research, application to 24
 - human rights, and 12
 - subject-object split 19–20, 25
 - subject-positionality 13–14, 19–20
 - theory of 9–12
 - universality 13
- Wagner, Andreas 426
- Walking the Landscape 121–4, 129–30
- Wallerstein, Immanuel 42
- war
 - liberalism influences on 223–4
 - natural contract, subjective and objective wars of 521–3
- water law
 - guidance documents, role of 33–5, 49–50
 - hydro-social cycle 38
 - integrated resources management 40–41, 43–4
 - nature-society interactions 30–35, 47–9
 - regulatory mapping onto natural spaces 40–41, 43–50
 - resilience duty 32–3
 - scale, influences of 46–7
 - social practices, impacts of 44–6
 - structure and functioning, relevance to 35
- Water Resources Act 1991 (UK) 30–33
- Watkins, D. 281
- Webb, Thomas 110
- Weber, A. 4–5
- weeds
 - biodiversity protection, and 168–71
 - passive categorization 170–71, 174–6
- Weston, B.H. 269
- Whatmore, Sarah 125–6, 203
- Whiteside, Kerry H. 526
- Wilcock, Deirdre 171, 182
- women
 - anti-discrimination Convention 293
 - global policy, role in developing 293–5, 304–11
 - UN groups and policies relating to 292–3
 - see also* eco-feminism
- Women's and Gender Constituency 308–11
- World Commission on Environment and Development 400–401
- world objects, concept 524–5
- Worringer, Wilhelm 66–7
- Wright, Sarah 182
- WTO Dispute Settlement Understanding
 - precautionary principle interpretation 401–3
- Yin, R. 193
- Yussof, Kathryn 136, 145–6
- Yuval-Davis, Nira 298, 300, 302–3
- Zook, Douglas 468

