INDEX

Abu Dhabi 37, 39, 56, 66
acidification (ocean) 408
adaptation 4, 75, 117, 122, 166–167, 278, 280, 282
Ado Pond (Adoike) 350–351
Aegean Sea 75
Age of Coal 7, 27, 35, 71, 73, 85, 113–114, 119–120, 132, 134, 137–138, 143–144, 157, 165, 169, 172, 182, 204, 364, 373, 399, 406
Age of Oil 9, 71, 85, 157, 170, 172, 364, 373, 380, 390, 395, 399, 406
Ago Bay 348–349, 388
air pollution 156, 164, 249, 264, 286–287, 295, 306, 310, 314–315, 321
airplanes 1, 68, 70–71, 77–79, 81–82, 84–85, 88, 93, 199–200
airspace 3, 8, 15, 69, 81, 92, 101–102, 404, 407
Akita City (Japan) 48, 51
Akita Prefecture (Japan) 48, 51–53
algae 347, 349, 356, 365, 370, 408 (*see also* seaweed)
Amase (Japan) 41–43
amphibious architecture 132
amphibious transformation 5–7, 9, 11, 15–16, 21, 24, 26, 30, 66, 69, 71, 102, 105, 113, 119–120, 125, 149, 158, 160, 167, 169, 173, 208, 211, 221, 232, 286, 322, 330–331, 369, 373, 399–400, 403–405, 408–410, 413
Amsterdam (Netherlands) 21, 122, 137, 147, 152, 163, 272, 306, 320, 352
Ancient Greece 75–76
Angola 64
Antarctic 108, 195, 408
Anthropocene xii, 6–8, 11, 15–17, 19–21, 23–24, 26–28, 30, 32–33, 40, 46, 50, 55, 57, 61, 63, 65–67, 69–71, 73, 85, 88–89, 93, 103, 107, 110–111, 113–115, 117, 119, 127, 142, 158, 167, 171, 193, 236, 278–279, 285, 291, 304, 330, 332, 336, 363, 366, 370, 372–373, 377, 379, 383, 399, 403–406, 408, 410, 414
Aotearoa (previous name for New Zealand) 73
apocalyptic scenarios 260, 265, 305
Apollo Program 95, 244, 259, 291, 309
Aquaculture Production Statistics (FAO) 340–341, 357
Aquaculture Research Institute (Kindai University, Japan) 355
Aquaculture Stewardship Council 362
Aquapolis 289–291, 307–308, 312, 316, 318, 320, 327–329, 333, 335, 352, 368
Arabian-American Oil Co. (ARAMCO) 54
Arabian Oil Co. 54–55, 67, 293, 364, 384
archipelago 4, 9, 25, 75, 88, 373, 384, 388, 392–393, 400, 403, 408
Arctic 19, 87, 155, 195, 391, 403
Arendt, Hannah 244
Argo Floats 413
Ariake Sea 357
Arianespace 100
Armstrong, Edward R. 68, 78–81, 83–87, 114, 323
Arraial do Cabo Bay 398
Art Deco 78

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013

artificial propagation 312, 331, 337, 346, 355–356, 360
artificial reefs 392, 398–399, 401
Asahan River Dam 141
Asian Development Bank xiii, 60, 356
Atlantic crossings 74, 77, 186
Atlantic Ocean 75–77, 84, 97, 393, 399–400
Atlantis 75, 80–81, 114, 262
atmosphere 1, 3, 29, 37, 68–70, 77, 94, 97, 104, 107, 114, 147, 174, 187, 264, 360, 382, 404, 407
Atomic Age 157
autonomy (ecological) 126–127, 147, 149, 154–156, 160–161, 163–164, 223, 234, 240, 247–248, 250–251, 267, 275–276, 282, 289
Azores 74, 77, 79

Baer, Steve 251
Bahamas / Bahama Islands 196–198, 315
Bahrain 56
Baikonur (spaceport) 99–100
Baldwin, Jay (James T.) 251–252, 285
ballast water 86, 304, 372, 379, 391
Baltic Sea 62, 400–401
bay barnacles (*Amphibalanus improvisus*) 375, 388–391, 396–397
Beidou (Chinese navigation system) 220
Bering Sea 344
Bermuda 74, 83
biodiversity 131, 139, 312, 333, 344–345, 348, 367, 372, 403–404, 409
biofouling 370, 372, 376, 378–379, 386, 391, 397, 408
bioinvasion xi, 9, 372–373, 375, 377–385, 388–390, 392–394, 396–400, 402–403, 408
biomass 9–10, 34, 36, 312, 328–331, 333, 335, 337–338, 343–346, 348–350, 352, 354–358, 360–362, 365, 369, 372–374, 381, 391, 404, 409–410
biomimetics 257, 403
biosphere degradation 5, 9, 336, 372, 379, 383, 391, 397, 405, 408
biosphere integrity 373, 376, 380–383, 392, 399, 403
Bjarke Ingels Group 124, 163–164, 278
Blue Economy 25–26
Blue Humanities 23
Boeing 82, 99
Bogotá Declaration 97, 101
Bohai Sea 63, 388–389
Bolster, Jeffrey 175, 181, 337, 342
Bombay High (Mumbai High; oil and gas field) 60, 107
Boston Bay 147
Boston Harbor 147, 149, 154, 258
boundary conflicts (maritime) 21, 60, 218
BP 108, 385
Brand, Stewart 126, 234–235, 251–253, 257, 269–271, 273, 277
Braudel, Fernand 11, 26
Brazil 44, 392, 394–395, 397–398, 402
Brent Spar 300
bright green environmentalism 231–233, 236–237, 240, 242, 245, 247–248, 251–253, 256, 259, 264, 269, 271–273, 277, 280, 282, 285–286, 291, 310, 321, 323, 338, 366, 409
British Malayan Petroleum Co. 49
Brundtland Report 126–127
Brunei 37–38, 44, 46, 49, 51, 58, 66, 110, 112, 131, 136
buoyancy 5, 10, 80, 84, 86–87, 153, 161, 335
Burma (now Myanmar) 44–46, 199
Burmah Oil 46
Burns, John A. 300, 302–303
Busan (South Korea) 124, 163, 230–231, 278

California xiii, 41–42, 44, 48, 63, 116, 157–158, 168, 170, 218, 234, 243, 261–262, 267, 288, 332, 380, 390, 412
Canada 78, 80, 212, 258
Canary Islands 74, 373, 394–396
Cape Cod 181
Cape Verde Islands 74

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013

capture fisheries 23, 127, 287, 311, 325, 327, 332, 337–338, 341, 343–344, 350, 355, 359–360, 367, 372, 389, 405, 408, 410–411
carbon capture and storage 9, 407
carbon emission trading 231, 238, 249, 279, 367
carbon emissions 3, 5, 8, 25, 27, 29, 40, 57, 63–64, 72, 103, 105, 107, 109, 111–112, 362, 382, 391, 407
carbon lock-in 67, 214, 236, 277, 291, 316, 321
Carpenter, Liz 253, 256–257, 279
Carson, Rachel 240
Carter, Jimmy 272
Caspian Sea 62, 95, 297
CCOP (Committee for Co-ordination of Joint Prospecting for Mineral Resources in Asian Offshore Areas) 58, 61, 63
celestial navigation 189
Chakrabarty, Dipesh 16, 167
Chao Phraya 136–137, 141, 158
Chevron 219
Chiba Prefecture 91, 144–145
Chicxulub crater 404
China 25–26, 28–29, 32, 36–37, 45, 49–50, 60–63, 103, 110, 135–136, 139–140, 142, 177, 181, 243, 249, 310–311, 324, 334, 337, 339, 342, 357–359, 366–367, 385, 389, 391, 411
CIAM (Congrès Internationaux d'Architecture Moderne) 144, 147, 153
climate change 3, 5–6, 8, 12, 15, 27, 30, 37, 62, 64, 117, 119–120, 122, 164–165, 220, 230, 236–237, 249, 253, 274, 278–279, 284, 286, 291, 315, 321, 372, 380, 382, 403–405, 407–408, 414
Club of Rome 305
coal 7, 24, 34–35, 40, 67, 71, 76, 88, 103, 105, 132, 134–135, 138–139, 143, 165, 255, 287, 316, 319, 342, 360, 406, 412
coastal squeeze 159, 281
Cold War 12, 29, 62, 64, 98, 129, 142, 157, 194, 249, 286, 293–294, 297, 300, 311, 314, 358, 377
Columbian exchange 377, 399
Columbus, Christopher 74–75, 135
Common Heritage of Mankind 261
communication 3, 5, 93, 96, 122, 125, 143–144, 147–150, 153, 155–157, 161, 163, 169–176, 178–183, 185–186, 193–195, 197–198, 203–206, 209–212, 217, 223, 225, 228, 240–241, 369, 373, 413
containerization 215, 239, 255, 258
contiguous zone 14–15, 260
continental shelf 14, 31, 51, 55–56, 61, 196, 217, 262, 293, 316
counterculture 235, 243, 251, 256, 285
COVID-19 xi, 242
Craven, John P. 93, 286, 288–291, 297–310, 312, 315, 319–320, 326, 413
Creed, Joel C. 84, 393–395
cruise industry and ships 77, 208–210, 223, 239, 412
cultural revolution 63, 357
Cunard Steamship Co. 186
currents 9–10, 17, 35, 73–74, 178, 187, 227, 344, 355, 362, 374, 391
cybernetics 119, 125–126, 128, 143, 147, 151, 153–154, 162–163, 172, 236, 239, 242, 252
cyclones 31, 60, 64, 120, 132, 138 (*see also* typhoons)

dams and dam construction 24, 35, 120, 132, 138–142, 158, 162, 165, 172, 254, 280, 346, 361, 412
dark green environmentalism 232–233, 236–237, 242, 246, 251, 253–254, 259, 263, 266, 271–272, 277, 281, 285, 304, 323, 367, 409
Decades of Development (United Nations) 29
Decca (navigation system) 190–191, 198–199, 201–202, 212, 214, 216, 229
decolonization 29–30, 35, 47, 55–56, 60, 64, 98
decommissioning (oil and gas platforms) 300, 323, 400
deep time 7
deep waters 5, 10, 24, 41, 84, 87, 92, 101, 204, 298, 307
degrowth 126, 164, 237, 305

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013

Delos Symposium 120, 150, 153, 161
Deluge (flood myth, Bible) 75–76
desalination 127, 157–158, 276, 287, 307, 310, 314, 324–325
design science 151, 235, 252–253, 257
developmentalism 8, 11, 16, 22, 28–29, 32, 50, 142, 236, 286, 291, 294, 327, 352, 358, 362, 364, 384, 409–410
Diamond, Jared 34, 66
disaster 68, 114, 162, 166, 261, 279, 282, 284, 293–294, 313, 323, 325, 343, 363
diseases (fish) 283, 355, 382–383
Dongshan (China) 334
Dowding, Hugh 84
download speeds 206, 208–209
Doxiadis, Constantinos A. 153, 161
drainage systems 120, 134
Drew-Baker, Kathleen Mary 356–357
drilling barges and rigs 31, 41–42, 48, 51, 66, 85, 198
Duara, Prasenjit xi–xii, 10
Dunn, Nick 105

Earth at Night (NASA) 109–111, 115
Earth system 7, 9, 17, 70, 151, 380, 383, 405
East China Sea 29, 60–62, 349, 388
Easter Island (Rapa Nui) 74
ECAFE (UN Economic Commission for Asia and the Far East) 58, 60, 317
Echigo Plain (Japan) 140
eco-developmentalism 13, 285, 321–322, 324, 400
ecological design 126, 151, 160, 231–232, 236, 251, 253–255, 257, 270–271, 277, 279
ecological footprint 30, 111, 123, 126, 147, 149, 158, 161, 164–165, 231–232, 234, 237, 239, 242, 247, 252, 257, 277, 288, 301, 310, 321, 336, 361–362
ecological modernization theory 127, 236
ecomodernism and proto-ecomodernism 119–120, 125, 126, 127, 147–149, 154–157, 161–162, 164, 167, 235–237, 238, 253, 269, 286, 287, 305, 308, 409, 410
EEZ (exclusive economic zone) 14, 25, 31, 100–101, 195, 266, 267, 281, 303, 343, 364, 369, 410
Ehrlich, Paul R. 260, 264, 269–270, 304
Elden, Stuart 13, 69, 70, 133
Emerson, Ralph Waldo 247
Emery, Kenneth O. 37, 61
energy security 50, 55, 57, 66, 316, 353, 364
energy transition 28, 30, 33, 40–41, 52, 57, 63, 65–67, 71, 73, 115, 170, 174, 214, 287, 321
enlightenment 11, 76
environmental alarmism 264, 305
environmentalism (*see* bright green environmentalism and dark green environmentalism)
Equatorial Guinea 89–90
equatorial launch sites (rockets) 95, *see also* rocket launches
Escher, William J.D. 309, 314
estuaries 17
eutrophication (nitrogen and phosphorus) and fertilizer runoff 331, 345, 347
extended continental shelf 14–15, 196

FAO (Food and Agriculture Organization, UN) 263, 337–338, 340–341, 355, 357, 361, 367, 409
Faroe Islands 74
feed (for fish) 9, 224, 311, 328, 336, 338, 345, 349–350, 353–355, 359, 362, 367, 369
Federal Emergency Management Agency (USA) 272
fish hatcheries 181, 313
Fisheries Agency (Japan) 360
Fisheries Law (Japan, 1901) 348, 369
FLIP (Floating Instrument Platform) 298
floating airports 68, 73, 91–92, 114, 261, 263, 266
floating buildings 136, 162, 180, 400
floating cities (UN project and others) 123–124, 150, 154, 162, 164, 167, 230, 248, 252, 261–263, 276, 278, 283, 295, 306, 308, 312, 319–320
floating homes 3, 121, 124, 136, 159, 165–166, 230, 272–275, 279, 282, 366, 405–406

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013

floating industrial combine 288–290, 302–303, 306–307, 309, 311–313, 315, 318, 320–321, 324, 327
floating nuclear power plants 4, 158, 307–308, 317, 323
floating solar photovoltaics (floatovoltaics) 4, 9, 65, 249, 309, 314, 320, 322, 367, 384, 400, 407, 411, *see also* solar energy and photovoltaics
floating structures and platforms xi, 18, 90, 92, 99, 119, 122, 147, 164, 166–167, 170, 178, 230, 234, 260, 266, 276, 279–280, 282–283, 297–298, 301–302, 323, 330, 361, 366, 406
flood control 135
flooding 8, 41–42, 48–49, 120, 122, 134, 136, 138–140, 158–159, 230, 279–281, 362, 414
flood-proofing 281
food security 333, 352, 355, 357, 360, 383
food webs 328, 330–332, 335, 346, 357, 372
fossil fuels 3, 7–8, 13, 27–29, 31–32, 34–37, 50, 56–57, 60–61, 65, 67, 70–72, 77, 103–106, 108, 111–113, 115, 127, 135, 156, 162, 164, 169, 176, 236, 248–249, 277, 285–286, 291, 294, 302, 305–306, 308, 310–311, 313–318, 320–322, 324, 331, 352–353, 359, 362, 364–365, 382–384, 407, 409
Francis, Sharon F. 225, 253–254, 401
French Polynesia 276, 278
Friedman, David D. 275–276
Friedman, Milton 249, 251, 275
Friedman, Patri 275–276
Frigg gas field 218
Frosch, Robert A. 163, 257, 289–290
Fujinaga, Motosaku 356
Fukushima Dai-ichi (nuclear power plant) 313, 323–324, 363
Fuller, Buckminster R. 120, 125, 129, 132, 142–144, 147, 150–157, 159–163, 165, 167, 230–231, 233, 235–238, 240, 242, 244–245, 247–248, 250–254, 257–259, 262, 264, 267–271, 276–277, 279–280, 282, 290, 305, 413

Gabon 64, 372, 394–395
Galbraith, John Kenneth 244–245, 251
Galileo (European navigation system) 220
gas flaring 3, 7, 9–10, 13, 25, 27–29, 31–32, 41, 49, 59–61, 64–66, 69–72, 86–87, 104, 107–113, 115–116, 164, 169, 193, 197, 202, 205, 214, 217, 219, 221, 223, 287, 290, 293, 315, 317–318, 321–322, 364–365, 370, 372–373, 375, 378, 383, 385, 389, 391, 399–400, 403, 406, 410
general systems theory 151, 239, 252
geo-ontology and shifts 172–175, 180, 188, 192–193, 195, 200, 210, 217–218, 221–222, 228, 412–413
geodesic domes 129, 151, 155, 160, 234, 252, 257
geophysical layers 8, 11, 13, 226
geostationary orbit 94–95, 98, 206, 309
Germany 103, 116, 134, 234, 306
Ghosh, Amitav xii, 28, 63
ghost acres 30, 36, 40, 65, 121, 193, 286, 337, 364
Gillis, John R. 22–23, 74–76, 262, 287
Global Center on Adaptation (Rotterdam, Netherlands) 122–123, 278
global commons 13, 132, 197, 218, 259, 265, 348, 369
GLONASS (Russian navigation system) 220
Goethe, Johann Wolfgang von xiii, 1
GPS (US navigation system) 93, 171, 173, 175, 186, 191, 202, 207, 210–211, 213, 216, 219–223, 225, 228–229, 245
Gramlich, Wayne 275–276
Grand Canal (China) 139
Great Acceleration 6–7, 12, 30, 142, 304, 336, 364, 372, 405
Great Depression 77, 80, 83, 243, 273
Great Derangement 28
Great Divergence 28, 35–36, 41, 140, 177, 193

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013

Great Leap Forward 357
Green Revolution 314, 366
Greenland 74
Gulf of Guinea 64–65, 90, 110, 396
Gulf of Mexico 16, 42, 49–51, 54, 62, 65, 85, 88, 110, 116, 185–187, 192, 195–198, 217, 261, 371–372, 378–379, 384, 392–395, 397, 404

Haar, Charles 163, 233, 239, 245, 253, 257, 259, 272, 290
Hanson, Joe A. 299, 304–305, 307–310, 313–314, 327–328
Harada, Teruo 352–355, 365, 368
hard surface (for biofouling) 138, 370, 373–374, 379, 384, 389, 393, 396–397, 399, 403, 408
Hatoyama, Ichirō 49
Hau'ofa, Epeli 74–75
Hawai'i xii–xiii, 4, 10, 23, 29, 73, 99, 130, 133, 142, 158, 181, 233, 265, 286–289, 292, 295, 297, 299–308, 310–311, 315, 319–320, 326, 342–343, 363, 380, 389
Hawaiian Metabolism 285, 288, 291, 308–315, 319, 324
Hawken, Paul 249, 251
helicopters 3, 10, 69–71, 88–89, 107, 113, 155, 175, 205, 407
Heronemus, William E. 308–309, 324
Ho Chi Minh City 160, 280–281
Hokkaido x, 133, 344, 346–347
Hong Kong xi, 79–80, 131
Honolulu xiii, 4, 23, 29, 87, 130, 133, 142, 158, 181, 265, 288, 299–304, 308, 320, 342–343, 389
Honshu 41, 48, 63, 344, 348, 352, 363
Houma (Louisiana, USA) 185
Houston (Texas, USA) 168
Hubbert, M. King 243, 248
HUD (US Department of Housing and Urban Development) 233, 238, 245–246, 256–257, 271–272
human habitat and extension 3, 5, 8, 10–11, 15–21, 67, 69, 73, 81, 89, 93, 107, 109, 111, 113, 119–120, 122, 143, 166, 172, 174, 204, 226, 228, 322, 331, 333, 353, 361, 366, 368, 373, 400, 405, 407, 413
hydraulic engineering 132, 134, 140
hydrogen 308, 320–321

Ice Age 2, 7, 14, 118, 268
Iceland 74
Ickes, Harold 196
IMO (International Maritime Organization) 205, 395, 402–403
Imperial Japanese Navy 182
India 32, 36–38, 56, 60, 80, 107, 133, 140–141
Indian Ocean 58, 60, 96, 178, 205–206, 224, 342, 393
Indo-Burmah Petroleum Co. 46–47
Indonesia 32, 37, 58, 66, 112, 166, 323, 356, 361, 363
Industrial Revolution 6, 27, 35, 140, 147, 243, 249, 330
information age 125, 143
Inmarsat (satellites) 205
Innis, Harold 178–179
Intelsat (satellites) 183, 206
International Decade of Ocean Science for Sustainable Development (UN) 13, 25
International Hydrographic Organization 16
International Ocean Exposition (1975) 290, 307, 315, 327
invasive species 165, 287, 336, 381–383, 391, 396, 401
IOC (Intergovernmental Oceanographic Commission) 192, 263
IPCC (Intergovernmental Panel on Climate Change) 65, 117–118, 122, 167, 231, 280, 282, 322, 382
Irrawaddy River 44, 46–47
Ise Bay 360, 385, 388
islomania (obsession with islands) 13, 73, 76–77, 80–84, 89, 100, 103–104, 114, 261–262, 269, 275, 292–293, 410
ISS (International Space Station) 94, 102, 407
Italy 134

jack-up rig 51, 54, 62, 87, 95–96, 99, 293, 364, 374, 385
Jakarta 57, 160, 356

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013

Jamaica 122, 282–283
Japan xii–xiii, 4, 9–10, 12, 23, 28–29, 31, 34, 37–38, 40–42, 50–55, 57–58, 60–64, 66, 68, 80, 90–91, 93, 99, 128–131, 133, 135, 139–141, 154–155, 157–158, 164–165, 169, 177, 181, 212, 233–234, 261, 265, 282, 286, 290, 292–295, 298, 302, 306–308, 311–313, 315, 317–318, 320–321, 324, 329–330, 333, 337–339, 342–347, 349–350, 352–357, 359–361, 363, 365, 368, 375, 383, 386–389, 393–394
Japan Housing Corporation 130
Japan Sinks (Nippon chinbotsu) 294
Japanese archipelago 50, 344–345
Japanese Environment Agency 306
Japanese tiger prawn (*Marsupenaeus japonicus*) 356, 361
JAPEX (Japan Petroleum Exploration Co.) 50–51
Jefferson, Thomas 247
Jianghan Plain (China) 139
Johnson, Lyndon B. 231, 232–233, 253–254, 256–257, 259, 263, 300, 303
Johnson, Lady Bird 253
jurisdictional control 13–15, 31, 56, 60–61, 100, 196, 217–218, 265–266, 276, 302, 410

Kagawa Prefecture (Japan) 350–351
Kahn, Lloyd 251, 273
Kāne'ohe Bay 304
Kanō, Hisaakira 130
Kansai International Airport 91–92, 115, 286, 296, 320
Karenia mikimotoi (dinoflagellate species) 349
Kenya 96–97
Khafji 54, 67
Kikutake, Kiyonori 91, 99, 128–129, 131, 145–147, 150, 154, 167, 262, 286, 288–291, 293–298, 302, 304–305, 308, 310–312, 315–317, 320, 323, 326–327, 389, 413
Kindai University (previously Kinki University) 352–354
King, Martin Luther, Jr. 251
Kishi, Nobusuke 54–55
Kitada, Shuichi 360–362
Komatsu, Sakyō 293–294
Korea (before the division) 36, 140–141, 356
Korean War 199
Kourou 100
Kubota, Yutaka 141
Kumamoto Prefecture Fisheries Experimental Station (Japan) 356
Kuril Islands 344
Kuroshio Current 344, 348
Kuwait 37, 54–55
Kyushu 344, 356, 361

Labrador 181
Lake Maracaibo 44, 85, 106, 390, 395
lack of islands (Atlantic) 74–76, 78, 80, 88, 114
land reclamation / landfill 18, 46, 91, 93, 99, 115, 131, 147, 162, 296, 336
Laos 45
Law of the Sea 13, 15, 21, 55, 90, 98, 113, 196, 261, 265–266, 282, 286, 303, 343, 362, 402
Lefebvre, Henri 11
Lesser Antilles 74
Libertarianism and libertarian ideas 83, 242, 275
light islands 72, 105–107, 110–111, 113–116, 174–175
light pollution 72, 101, 103, 105, 108, 164
LNG (liquefied natural gas) 66
longue durée 26, 33, 73, 176, 240, 337
Loran (navigation system) 190–191, 199, 207, 212
Louisiana Offshore Oil Port (LOOP) 296
Lovins, Amory 33, 248–249, 251
Lovins, Hunter 251
Low Earth Orbit 96, 100, 102

Madamombe, Itai 278
Madeira 74
Magnavox 214–215
Maier, Charles S. 195
Malayan Peninsula 59, 110–111
Malaysia 37–38, 58–59, 110, 112, 168, 283

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013

Maldives 124, 167, 278–279
Malm, Andreas 27
Manila 160, 170
Mann Borgese, Elisabeth 98, 218, 261, 266–267
Mao, Zedong 33, 61, 63, 140
Marconi, Guglielmo 182
mariculture 8, 18, 25–26, 67, 127, 137, 169, 181, 202, 218, 287, 296, 309, 311–314, 327–328, 330–340, 343–350, 352–353, 355, 357–360, 362–368, 372–373, 388–389, 391, 400, 405–406, 410
marine protected areas 225, 371, 392, 409–410
Marisat 183–184, 205–206, 227
Maritime Labour Convention 211
Marxism and Karl Marx 11, 63, 128, 169, 250, 251
Maui gas field 385
McNeill, John R. 6, 12, 30, 135, 142, 264–265, 287, 304, 330, 366, 372, 380, 382
Mediterranean 11, 26, 110, 116, 379
Megafloat (Tokyo Bay) 92, 99, 320
Metabolist movement 128–129, 131, 147, 154, 286, 288–289, 292–294, 296, 301, 306, 321 (*see also* Hawaiian Metabolism)
methane 107, 109
Mexico 85, 89, 185
Mie Prefecture (Japan) 348–349
Mikimoto, Kōkichi 332, 348–349
military-industrial complex (USA) 244
Mississippi River Delta 41–42
MIT (Massachusetts Institute of Technology) 12, 103, 125, 137, 142–143, 147–148, 151, 157, 270, 286, 298, 300–301, 305, 330
MITI (Japanese Ministry for International Trade and Industry) 12, 50
Mohammed, Amina J. 123, 164
mollusks 9, 187, 347, 359, 365, 367, 406
monsoon 10, 24, 31, 46, 49, 60, 64, 117, 120, 131–132, 136, 138–140, 167, 227, 331, 344
Morse code 174, 180, 182–183
Mumford, Lewis 242–246, 247, 251, 254, 256, 279, 284
Musk, Elon 103
Mussismilia hispida (coral species) 397
Mutsu Bay 158, 308, 313, 325

Nakagawa 194, 343
NASA (National Aeronautics and Space Administration, USA) xiii, 94–96, 99, 101–102, 109–111, 115, 227, 235, 366
National Flood Insurance Act (USA) 272
National Flood Insurance Program (USA) 272
national history (terra-centric focus) 22
natural gas 3, 7–10, 13, 28–29, 31–32, 41, 49, 58, 60–61, 64–67, 69–72, 87, 104–105, 107, 109–116, 164, 169, 193, 197, 202, 205, 214, 217–219, 221, 223, 287, 290–291, 293, 315–316, 365
navigation 3, 23, 68, 93, 96, 102, 105, 110, 113, 139, 168–176, 178, 180, 182–184, 186–188, 191–195, 197–200, 202–203, 207, 211–226, 228, 240, 245, 268, 369, 373, 413
Neft Daşları (Oil Rocks) 297
Nelson, Gaylord 2, 81–82, 259–265, 268–269, 271, 277, 304, 389–390
Neolithic Revolution 177, 179, 337
net-cages 3, 9, 18, 311, 330, 354–355, 362, 368, 391, 407
Netherlands xii, 18, 62, 116, 123, 134, 144, 164–165, 224, 266, 272–274, 328, 400
New Jersey 307
New Orleans 119, 131, 372
New Zealand 74, 375, 385–387 (*see also* Aotearoa)
Nigeria 64
nighttime illumination 72–73, 87, 104–105, 107, 109–111, 113, 115
Niigata Prefecture 41–42, 48
nitrogen 5, 9, 330, 336, 363, 380, 405

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013

Nixon, Richard 59, 61, 257, 260, 263, 300, 315
NOAA (National Oceanic and Atmospheric Administration, USA) 15, 86, 233, 299–300
Noami, Wasaburō 349, 351, 354, 360
nomadism 20, 241
nori (*Neopyropia* spp.) 34, 356–357, 359, 365
North Sea 64, 108, 110, 116, 204, 217–218, 262, 300, 322, 333, 371, 400, 402, 411
Norway 218, 224, 333, 366, 368, 388, 412
nuclear energy and power plants 307, 311, 313, 323–325, 363 (*see also* floating nuclear power plants)
nutrient flows 158, 331, 337, 344, 346–348, 359, 409

O3b Networks 183, 208
Ocean Farm 1 (SalMar) 335, 368
ocean liner style 77, 142, 254
ocean liners 1, 77, 105, 142, 182, 186, 254
ocean platform style 78, 81, 85, 87–88, 114–115
Ocean Ranch (Okinawa 1975) 290, 312, 327–328, 333, 349, 352, 368
ocean warming 5, 37, 336, 403
Oceania 74–75, 96, 216, 262, 268, 292, 410
oceanic history 10, 17, 22–24, 69–70, 113, 169, 182, 279, 329, 332, 377, 380
oceanic-vertical perspective 9–10, 16–17, 20–21, 24, 27, 29, 69–72, 88, 105, 109, 114–115, 117, 120, 132, 142–143, 159, 171, 176, 187, 193, 240, 287, 326, 329–330, 335, 357, 366, 377, 405, 408, 414 (*see also* vertical dimension)
Oceanix 124, 163, 278
ocean-to-land globalization 168, 170–176, 178, 182, 186, 193–195, 198, 203, 206, 209–211, 217, 221, 225–226, 228, 230, 236, 291, 321, 333, 364, 373, 375, 383, 399–400, 410
offshore exploration 32, 48, 51, 63, 318
offshore oil 3, 8, 10, 20, 25, 27–30, 32–33, 36, 40–42, 46, 48, 50–54, 56–60, 62–63, 65–67, 69, 85, 87–88, 96, 106–107, 110–111, 114, 116, 121, 150, 165, 168–169, 186–187, 192, 194–198, 202, 204–205, 211–212, 216, 218, 239, 261, 263, 286–287, 290, 293, 298, 315, 317–318, 321–322, 337, 364–365, 371–373, 375–376, 378–379, 383–384, 388–392, 394–395, 399–400, 404, 407, 410
offshore oil network 384–385, 388, 392, 395
offshore oil technology 31, 42, 46, 50, 57, 63
offshore production 58, 169–171, 173, 176, 203, 205, 209, 228
offshore wind, wind farms, and turbines 3–4, 9, 18, 25, 34, 35, 65, 115–116, 164, 169, 218, 224, 257, 285, 288, 308, 322, 324, 384, 400–401, 403, 407, 411, 412
Oil Shock (1973) 59–60, 288, 305, 315, 317
Okinawa 289–290, 307, 312, 315–318, 324, 327–329, 385
Okinawa International Ocean Exposition (1975) 290, 312, 316, 328
Omega (navigation system) 191, 207, 212, 367
Onn, Hussein 59
OPEC (Organization of the Petroleum Exporting Countries) 55–56, 59
OTEC (Ocean thermal energy conversion) 307–308, 310, 312, 324, 326, 408
Our Nation and the Sea (1969) 196, 233, 259, 261, 289, 300, 302, 307, 411
outer space 1, 3, 8–9, 15, 68–70, 72, 88, 92–93, 97–98, 101–102, 105, 114–115, 158, 227, 247–248, 267–268, 271, 297, 300, 309, 320, 404–405, 407, 413
Outer Space Treaty (1967) 97–98
Outlaw Area (Buckminster Fuller) 161, 268–269
overfishing 342, 409
oysters 348–349, 366, 370, 391

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013

Pacific Ocean xii–xiii, 4, 10, 23, 32, 34, 41, 44, 48, 58, 66–68, 73, 75, 79–80, 101, 127, 133, 137, 150, 157–158, 178, 205–206, 215, 263, 265, 268, 286–287, 289, 292–293, 298, 302, 308, 311, 315, 337, 342, 344–348, 350, 352, 355, 358, 363, 382, 384, 388–389, 392–393, 396, 400
Pacific War 45, 350, 352
Paine, Thomas 247
Palm Jumeirah 406
Papua 73
paradigm shift 1, 21, 402, 404–407, 409–410, 412, 414
parasites 273, 355, 369, 383
Pardo, Arvid 98, 261, 266, 267
Paris Agreement (on Climate Change, 2015) 278
Parkinson, Bradford W. 219
Parus (Soviet navigation system) 211
Pauly, Daniel 26, 337–338
pearl oysters 332, 345, 348–349, 356, 388
Pearl River 111
pelagic zone 3, *see also* water column
Persian Gulf 29, 51–52, 54–56, 60, 110, 157, 169, 202, 293, 311, 364, 378, 384
Peru 44
Petrobras 392, 394–395
Petroleum Authority of Thailand 58
phosphorus 5, 9, 336, 363, 380, 405
placemaking 69, 72–73, 93, 107, 109, 113–114, 171, 175, 193
Plan for Tokyo (1960) 120, 129–130, 145, 149, 246, 297
planetary boundaries 6, 380
plastics 3, 9, 67, 105, 327, 331, 352, 354, 359, 364–365, 368, 406
polders 70
pollution 5–6, 8, 14, 90, 92, 95, 97, 100, 103, 107, 109, 114, 116, 127, 136, 158, 164, 233, 237, 240, 248, 251, 258, 260–261, 263–267, 274, 286–287, 291–292, 294–295, 301–302, 305–306, 310, 313, 318, 331, 334, 359–360, 362, 373, 389, 393, 404–405
Polo, Marco 75
Polynesia 73, 268
population growth 127, 129–130, 134, 156, 240, 243, 286–287, 292–293, 304–306, 310, 338, 353
position fixing 187, 197, 221
postsedentary ocean 240
postsedentary perspective 240–241, 242, 255, 408, 409
predators 108, 331, 347–348
purple laver (*Porphyra umbilicalis*) 352, 360

Qatar 37, 39, 56

radar 188, 191, 198, 202, 223
radio waves 155, 163, 173, 179, 182, 187, 193, 203, 225–226
radionavigation 8, 169, 173, 175, 179–180, 186, 188–189, 192, 194, 198–203, 212, 217, 222, 226, 228–229, 245, 268, 297
radiotelephones 156, 175, 180, 182–187, 205, 226
raft homes 407
rafts 9, 136, 330, 356, 365, 407
Rand, Ayn 270
Rankin, William 171, 191, 195, 199, 202, 217, 219, 228
red sea bream (*Pagrus major*) 328–329, 350, 355
red tides 363
reefs 118, 131, 164, 203, 262, 266, 312, 370, 373, 392–393, 397–398
remote sensing 1, 3, 69–70, 72, 103, 105, 109, 174, 227, 366
remoteness (ocean) 125, 154, 172, 174, 176, 178
renewable energy 65, 67, 170, 248, 251, 315, 318–319, 322, 401
resilience 139, 159, 162, 279–280, 282, 323, 398
Rio de Janeiro State (Brazil) 392, 394, 398
rivers 9, 17, 19, 40, 44, 67, 119, 122, 134, 139–140, 261, 263, 331, 346–347, 359, 361, 389
rocket launches 68, 71–73, 95, 98, 103, 115, 170, 175, 209, 223, *see also* equatorial launch sites

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013

Rome 96
Roosevelt, Franklin D. xii, 82, 195–196
Roszak, Theodore 244–245
Rotterdam xi, 18, 121–123, 164, 266, 278, 322, 334
Royal Dutch Shell 49
Russia 99, 134, 158, 297, 323

Sabban, Mohammed Suroor 54
Said, Edward 21
Sakuma Dam (Japan) 141
salmon (various species) 67, 141, 158, 169–170, 203, 331–332, 334–336, 346–348, 364, 367–368
saltwater 4, 5, 10, 16, 174, 203, 366
San Francisco 59, 126, 255, 273–275, 285
San Marco Platform 96, 99
Sanjiang Plain (Manchuria) 135
Santa Barbara oil spill 260, 263, 306, 310
Santa Rita Platform 96–97
satellites 3, 8, 69–70, 72, 93–96, 98, 100, 103, 105, 156, 169–170, 173, 184, 190–191, 203, 205–207, 213, 216, 219, 224–225, 227, 241, 309, 413
satellite imagery 25, 68, 72–73, 107, 113, 116, 366
Saudi Arabia 37, 54–55, 124
Schumacher, E.F. 252
Scotland 22, 121, 313
Scott, Howard 243
Scott, James 133, 161, 243
Scripps Institution of Oceanography 212, 298
Sea Launch Co. 95, 98–104, 106, 223, 410
sea level rise 4–5, 8, 12, 20, 24, 37, 117, 160, 162, 166, 230, 236, 278–282, 293, 372, 400, 404, 414
Sea of Japan 16, 29, 41, 48, 140, 344, 388
sea surface urbanization 119–120, 125–126, 128, 132, 148, 158, 162, 164, 167, 230–231, 233, 236, 240, 271, 274–275, 278
seabed 3, 13, 18, 40–41, 48–49, 51, 53, 56, 61–62, 69–70, 73, 80, 84–85, 87, 92, 98, 115–116, 178, 185–187, 196–197, 200, 202–203, 212, 217, 259, 261–263, 279, 297, 303, 320, 328, 348, 356, 361, 364–365, 367, 374, 378, 384–385, 387–388, 400, 404, 408
seadromes 68, 70–71, 77–85, 87–88, 90, 99, 114–115, 143, 192, 265, 293, 298
Seasteading Institute 275, 276, 278
sea-use change 19, 405
seawalls 120, 122, 138, 158, 281, 374, 389, 412
seaweed 4, 9, 34, 311–312, 330, 336, 340, 347, 349, 356–359, 361–362, 365–367, 369, 405, 408, 411–412 (*see also* algae)
sedentism 20, 133, 161, 240
Seto Inland Sea 350, 388
Shanghai 60, 140, 317
Sharif, Maimunah Mohd 283
shellfish 348, 350, 352–354, 359 (*see also* oysters)
Shetlands 74
shipworms 42, 390
SHORAN (navigation system) 190, 198–199, 202
Shōriki, Matsutarō 152–156, 238
Showa Oil Refinery 360
Siderastrea stellata (coral species) 397
Singapore 50, 58, 80, 110, 112, 165, 362, 371, 385, 387–388, 392–395
Skinner, B.F. 246
Smil, Vaclav 12, 33–36, 65–66, 127, 138, 142, 248, 324, 330, 365
solar energy and photovoltaics 65, 127, 156, 164, 214, 257, 283, 288, 309, 322, 324, 407, *see also* floating solar photovoltaics (floatovoltaics)
South China Sea 29, 39, 49, 51, 59, 61, 109–111, 168, 218, 334, 378
South Korea 26, 50, 58, 60–61, 103, 109, 123, 230, 278, 339–340, 357–358, 366, 385
Southeast Asian Fisheries Development Center (Bangkok) 355, 359
Soviet Union / USSR 19, 59, 62, 63, 94, 95, 99, 100, 211, 243, 296–297, 342
Space Age 93–94, 97, 114, 154, 204, 212, 267
space stations and spaceports 94, 102, 407

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013

SpaceX 94, 96, 99, 102, 103, 208, 209, 223
spar platform 86, 298, 301, 306, 317
spatial competition 359, 365, 410
spatial layers 3, 5, 8, 15, 26, 55, 92, 221, 383, 404
species translocations 372–373, 375–377, 379, 381–384, 389–390, 396, 399, 402–403
Spilhaus Projection / World Ocean Map 1–3, 21, 78, 405
Standard Oil Co. 85, 198
Starlink Maritime (satellites) 102, 184, 208, 209, 210
steam engine 34, 135, 139, 412
steel 3, 7, 19, 42, 49, 71, 73, 77, 85, 88, 137–138, 146, 157, 182, 294, 331, 352, 364, 368, 370, 373, 378, 385, 390–391, 399, 406, 412
Steffen, Alex 237
Steinberg, Philip E. 3, 11, 13, 22, 128, 132, 175, 218
storm surge 4, 117, 122, 160, 166, 230, 281–282
Sumatra 58, 141
Sumitomo Heavy Industries 99
Summerland (California, USA) 42, 44
sun corals (*Tubastraea spp.*) 375, 376, 392, 393–398, 399
Sun Oil Co. 85, 87
Sun, Yat-sen (Sun Zhongshan) 140
Sustainable Development Goals (UN) 13, 409
sustainable mobility 147, 155, 159, 163, 164, 170, 239

Taiwan 39, 58, 60, 356–358
Tange, Kenzō and Tange Lab xiii, 120, 125, 128–132, 142–144, 146–150, 152–154, 159, 161–165, 167, 246, 290, 297, 327, 413
Tanzan, Ishibashi 54
Tariki, Abdullah 54
technocracy 234, 242–246, 247, 248, 249, 250–251, 254, 259, 271, 279, 286, 300
techno-optimism 8, 19, 126, 151, 230, 237, 245, 247, 319
telegraph 126, 155, 175, 176, 177, 179, 180, 183, 185, 187, 194, 205, 218, 226
telepresence (remote presence) 174, 227, 241
telerobotics 221, 225, 241
Tennessee Valley Authority 141
Terada, Torahiko 68, 79
terra-centric 4, 6–7, 10, 19–22, 24, 27, 30, 32, 69, 72–73, 75–76, 89, 92–93, 95, 105, 109, 119, 121–122, 135–136, 139, 143, 160, 163, 165, 168, 170, 172–175, 178–179, 187–188, 192, 194, 204, 223, 228, 236, 240, 278, 280–281, 283, 287–288, 295, 308, 336, 406, 412, 414
terraqueous 10
terrestrial mindset 8, 20, 24, 119, 129, 132–134, 142–143, 154, 162, 165, 172, 230, 236, 273, 279, 284, 294, 297, 320–321, 412
terrestrialization 18, 24, 120, 131–132, 134, 136–140, 142–143, 158, 162, 165, 172, 274, 280, 412, *see also* land reclamation and water control
territorial sea 13, 18, 31, 51, 55, 82, 97, 187, 260, 265–266, 303
territorialization 13, 21, 31, 51, 194–195, 200, 217–218, 226, 348, 369, 410–411
territory 13, 82, 93, 100, 133, 161, 171, 191, 194–195, 197, 218, 266, 303, 320
Tetrahedronal City 120, 142, 151–153, 160, 238, 244–245, 253, 256, 276, 308
The Limits to Growth (1972) 260, 304–305
The Population Bomb (1968) 260, 269–270, 304
thermal discharge 313, 325, 363
Thiel, Peter 276
think through water 24, 404, 405, 406, 407, 408, 410, 411, 413
Thomas, Julia A. 383
Thoreau, Henry David 247
tides 3, 10, 117, 119, 122, 160, 374

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013

Titanic 10, 182
Tokyo 126, 128–131, 147, 149–150, 152–157, 159–162, 236, 245, 293, 359
Tokyo Bay 92, 99, 117, 119, 125, 128–131, 143–144, 146, 150–157, 162, 167, 172, 236, 238, 247, 313, 320, 344, 356, 388
Transit (US Navy navigation system) 68, 78–79, 190–191, 207, 211–216, 219–220, 223, 229, 245
Triton City 163, 231–233, 236, 239, 245, 247, 252–254, 256–259, 261–262, 267, 272, 276–277, 279, 289, 302
Trucial States 56
Truman, Harry S. 51, 56, 195–198
Truman Proclamation (1945) 56, 196
Tsiklon (Soviet navigation system) 211
tsunami 279, 280–281, 313, 323, 325, 343, 363
Tsushima Current 344
Tuan, Yi-Fu 76
Tuna (such as *Thunnus orientalis*) 29, 342
typhoon 24, 68, 119–120, 137, 167, 215, 230, 293, 331 (*see also* cyclone)

Uekoetter, Frank 15, 260, 264, 270, 300, 304, 310, 313
UN (United Nations) 5, 7, 13, 25, 58, 60, 98, 124, 127, 151, 164, 167, 195, 217, 230–231, 247, 261, 266, 278–279, 282–283, 286, 303, 343, 362, 365, 402, 409
UN Convention on the Continental Shelf (1958) 217
UNCLOS (UN Convention on the Law of the Sea) 13, 17, 265–266, 271, 276, 303, 402
Unabara (Ocean City) 150, 154
UN-Habitat 124, 231, 278, 283
United Arab Emirates 56
United Kingdom 64, 83, 212, 219, 222, 260, 273
upwelling 344, 398
urban waterfronts 239, 242, 272, 279, 282
Urry, John 241
USA xii, 8, 20–21, 24, 29, 41–42, 46–51, 54, 58–59, 61–64, 68, 77–78, 80, 82, 84, 86–87, 90–91, 94–96, 99, 101, 116, 120, 126, 129, 134–135, 142, 145, 151, 155–157, 160, 163, 185, 191–192, 194–196, 198, 205, 207–208, 210–212, 216, 219–220, 227, 230–234, 236–238, 242–244, 247–249, 251, 255–256, 258, 260, 262–263, 265, 268, 271–274, 277, 286, 289, 291, 298, 300–308, 311, 314–316, 318–320, 322, 346, 357–358, 372, 388, 390, 395, 400, 411, 413
US Navy 45, 90, 155, 163, 192, 211, 216, 219, 268, 286, 289, 298, 303, 307, 319
Utopia 75, 80–81, 83, 114, 174

van Cleve, Richard 346
Venice 134
vertical dimension 3, 23, 69, 73, 93, 98 (*see also* oceanic-vertical perspective)
Vietnam (including South Vietnam) 45, 59, 142, 219, 247, 249, 268, 271, 280–281, 298, 319, 334, 362
Vietnam War 219, 247, 249, 271, 298, 319

Wakame (Undaria pinnatifida). 357
Washington, DC 231, 234, 258
water column 3, 7, 23, 25, 29, 69–70, 217, 328, 357, 402, 404, 407, 413, *see also* pelagic zone
watermills 35, 139
waves 10, 17, 42, 49, 51, 60, 64, 80, 88, 159, 173, 204, 324, 327, 331, 391
wetlands 134, 138, 272
whale oil 34–35, 36
whales and whaling 34, 249, 329, 330, 340, 341, 342, 345
White, Richard 172, 333

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013

Whole Earth (movement and publications, such as Whole Earth Catalog) 126, 234–235, 237, 240, 248, 251–253, 257, 259, 268–271, 273, 277, 279, 282, 285, 305
Wiener, Norbert 125, 129, 147
Williams, Mark 6, 20, 40, 336, 383
wooden rafts 348
World Bank 58, 60, 107, 356, 358
World Design Conference (Tokyo 1960) 128, 147
World War I 78, 155
World War II 30, 34, 36, 41, 45, 51–52, 55–56, 58, 62, 84–85, 87–88, 151, 156, 172, 175, 183, 190, 193, 195, 197, 199, 200, 201, 204, 226, 235, 240, 244, 293–294, 310, 342, 346, 352, 364, 393

Yamashita, Tarō 54–55, 67, 169
Yellow Sea 61, 62
yellowtail (Japanese amberjack, *Seriola quinqueradiata*) 328, 349–352, 353, 354–355, 363, 365, 368
Yokohama 80, 105, 192
Yucatan Peninsula 404

Zalasiewicz, Jan 383

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013

Downloaded from https://www.cambridge.org/core. UNIVERSIDAD AUTONOMA METROPOLITANA, on 14 Nov 2026 at 10:02:17, subject to the Cambridge Core terms of use, available at https://www.cambridge.org/core/terms. https://doi.org/10.1017/9781009734820.013