

Index

- Abstract machine, 41
Africapolis, 88–89
Agencement, 38
Alliance for Sustainable Building Products (ASBP), 171
Anaklia Smart City, 142–143
Anti-Oedipus, 20
Architects, 1, 166, 182, 215
 architectural history, theory, and spatial practices, 4
 detailed examination, 1
 dream city of, 2
 in Global South, 89–110
 promises, dreams, and hopes, 1
Architects Climate Action Network (ACAN), 135, 171
Architects Declare, 169–172
Architects Journal (AJ), 169
Architectural advocacy groups, 157–165
Architectural Association (AA), 63–64
Architectural Design, 126
Architectural discourse, source material within, 14–15
Architectural Enunciation, 221
Architectural firms, 119
Architectural Jargon and definitions, 15–16
Architectural practice theory, 205
Architectural theory, Guattari in, 36–40
Architecture, 14, 37–38
 history of, 51
Architecture and the City (Rossi), 117
Architecture Foundation India, 90
Assemblage, 38
Assessment Report 5 (AR5), 4–5, 10
Assessment Report 6 (AR6), 1–2, 4, 11–12
Association for Computer Aided Design in Architecture (ACADIA), 52–53, 199
Australian Architects Declare (AAD), 170–171
Autopoiesis, 190–191
Autopoietic system, 190
Barbarella (1968 feature film), 21–22
Becoming-animal (beginning discussion of Deleuze and Guattari's concept), 19–20
Becoming-animal, 30
Biomimetics, 52–55
 design, 136–137
 research, 53–55
 Urbach Tower, 52–53
Biomorphic formalism, 51
Biomorphism, 51, 69
Biophilia, 69, 137–139
Biophilic cities, 135–141
 regenerative design, 138–141
Biophysical concepts, 32
Biophysical imaginaries
 biomimetics, 52–55
 ecological monsters, 55–61
 floating monsters, 61–71
 monster laboratories, 71–78
Biostructures, 51
BIT. BIO. BOT project, 76
Bjarke Ingels Group (BIG), 69
BogMan Palm Jaguar, 16–17
BREAM, 130–131, 139, 195
C40 Cities, 178–179
Callebaut, Vincent, 66–67
Calvino, Italo, 13–14, 16
Canadian Center for Architecture (CCA), 56

- Carbon ambiguity, 127–131
- Carbon Form, 15
- Carbon optimization strategies, 180
- Carbon re-form, 15
- Carbonate emissions, 134
- Carbonscapes, 15
- CERFI, 34
- Changji Esquel Textile Co. Ltd. (CJE), 125–126
- Chicago Architecture Biennale, 15
- China, green cities in, 126–127
- City, 1, 38
 - in Global South, 89–110
- Climate change, 1, 102, 107
- Climate emergency, 1, 21
- Climate imaginaries, 1
- Climate justice, 168
- Climate Science, 4–13
- Climatic neoliberalism, 69
- Cocreative spaces, 108
- Committee on the Environment (COTE), 176–177
- Commonwealth Association of Architects (CAA), 178–179
- Complex Adaptive Systems theory (CASs theory), 144–145
- Comunal, 99
- Comunal's process, 98
- Confrontation (Con), 156
- Congrès internationaux d'architecture moderne (CIAM), 117
- Conspicuous virtue signaling (CVS), 119–120
- COP21, 156
- COP26, 155
- Coproduction, 46–47, 107, 110
- Coral-like substratum, 73
- Corporate sustainability, 119
- Council for Tall Buildings and Urban Habitat (CTBUH), 179
- Counterspace, 17–18
- Cradle to cradle manufacturing concepts, 131–132
- Crocodiles, 33
- Cultural Preparation (CP), 156
- Cybernetic-orientated theories, 219
- Dark matter, 60
- Decarbonisation, 174
- Decolonisation, 175
- Decolonizing methodologies, 225
- Deep ecology, 33
- Descriptive approach, 109
- Design activism, 98
- Designing for Climate Change, 104
- Dezeen, 106
- 2021 Dezeen Longlist, 122–123
- Digital cities, 126
- Dirty theory, 60
- Dualism, 32
- Earth, 120
- Ecologic projects, 72–78
- Ecological monsters, 55–61
- EcoMachines, 73
- Education, 97
- Electricity systems, 9
- Embodied Carbon group, 171
- Embodied emissions, 127–131
- Empiricism, 32
- Empowerment, 109
- Endgame of Carbon Form, 15
- Environmental philosophy, 31
- Environmental politics, 118–119
- EPiC database, 129–130
- Extended Science, 109
- Extinction Rebellion (XR), 166
 - XR Manchester fieldwork study, 166–167
 - XR Norwich study, 168
- Federation of Small Businesses (FSBs), 120–121
- FELCRA tower, 65
- Felix Guattari's Schizoanalytic Ecology* (Guattari), 40
- Feminist theory, 31
- First Nations, 224–225
- Floating monsters, 61–71
- Flow Country, 29
- Framing theory, 167

- Frichot, Helene, 60
 Future-perfect technologies, 69
 Futurism, 52
- Gamera versus Zigra* (1971), 71
Genius loci, 41
 Ghosh, Amitav, 43–46
 Giancarlo Zema Design Group, 67–68
 GIS technologies, 64
 Global Alliance for Buildings and Construction, 178–179
 Global Carbon Form, 15
 Global Forum on Human Settlements (GFHS), 67
 Global Human Settlements Award on Planning and Design (SCAHS), 67
 Global North, 86, 88–89, 219–220
 Global South, 85, 218–219
 2021 Venice Architecture Biennale, Global South Cities and Climate Change, 102–107
 cities and architects in, 89–110
 NUA, 86–88
 SDG, 86–88
 SDG's and coproduction, 107–110
 sustainability transitions, 88–89
 Global warming, 184–185
 Glowczewski, Barbara, 13–14
 Glulam (CLT), 130
 Good Business Charter, 120–121
Great Derangement, The (Ghosh), 43–46
 Green Building Councils (GBCs), 121–122, 195
 Green cities, 118–135
 in China, 126–127
 Dezeen's sustainability longlist, 120–126
 image politics, 118–120
 Green digital cities, 141–145
 good Anthropocene, 145–148
 Green materials
 embodied emissions and carbon ambiguity, 127–131
 Materials Book, 131–135
 Green New Deal, 174–177
 Greenwashing, 119
 Greg Burgess Architects, 19
 Grimshaw architects, 170
 Groupe d'Etudes d'Architecture Mobile (GEAM), 51
 Guattari, Felix, 33
 in architectural theory, 36–40
 indigenizing anthropology, 42–43
 schizoanalysis, and architecture, 33–34
 schizoanalytic architecture, 40–42
Three Ecologies, 34–43
- Hagiography, 21
Hidden Planet, 51–52
 HORTUS. XL Astaxanthin. g project, 73–74
 House of Dreams, The, 124–125
 Hybrid timber prototype floor system (HTFS), 179–180
- Image politics, 118–120
Image Politics: The New Rhetoric of Environmental Activism (DeLuca), 118
 Immortality, 202
 Indian Institute for Human Settlement (IIHS), 90
 Indigenizing anthropology, 42–43
 Informal settlements, 85–86
 Institute for Computational Design and Construction (ICD), 52–53
 INTBAU, 94
 Integral, 125
 Intergovernmental Panel on Climate Change (IPCC), 1–2, 4, 8, 13
 AR5, 5–10
 AR6, 11–12
 COPs, 13
 identification of architecture, built environment and cities issues, 6–7
 reports, 4–5

- scope and sources and definitions, 13–16
- Special Report 15 on Impacts of Global Warming, 10–12
- International Council on Archives (ICA), 224
- International Living Future Institute (ILFI), 122–123
- International Rebellion, 166
- International Society of City and Regional Planners (ISOCARP), 182
- International Union of Architects (IUA), 107, 178–179
- Inventory of Carbon and Energy database (ICE database), 129
- Invisibility magic, 201–204
- Iterative Action, 109
- Kula exchange system, 189
- Kyoto Protocol Agreement, 13
- LafargeHolcim Foundation for Sustainable Construction, 131
- Lahey, George, 156
- Late-Lacan, 36
- Latour, Bruno, 109
- Learning, 97
- LEED, 130–131, 195
- Liberation theology, 219
- Liberatory coherence, 33
- Life Cycle Analysis (LCA), 5
- Life Cycle Assessments (LCAs), 127
- Life Cycle Inventory (LCI), 127, 129
- Living Building Certification (LBC), 122–123
- Lobby's 2020 ABC Summer School, 175
- Log*, 15
- Log 25*, 57
- Log 36*, 58
- London Energy Transformation Initiative (LETI), 139, 177–178
- Long-life span of buildings, 9
- Machinic assemblage, 39
- Magic
 - dream of schizoanalytic architecture, 220–223
 - Feral Atlas, 217–218
 - urban poverty, 218–220
- Magical mists, 215
- Magical scripts, 191–195
 - magic scripts, 191–195
- Malinowski, Bronislaw, 189
- Malthusian ideals, 69
- Marine Cities, 61
- Mass Non-cooperation (MN-c), 156
- Materialism, 32
- Materialist positions, 32
- Materials, 51
- Materials Book, 131–135
- Megamachine, 37
- Megwa*, 190
- Mehrotra, Rahul, 99
- Membership Aggregator (MA), 156, 178–179
- Mist, 206–209
- MMYST, 58
- Modern architecture, 1
- Modular Office Renovation (MOR), 124
- Monster laboratories, 71–78
 - ecologic projects and polemics, 72–78
- Museum of Oil, 181
- Mutualism, 58–59
- New Bailey Project, 139
- New ecosophy, 35
- New Urban Agenda (NUA), 86–88
- Non-Standard Architectures* (Roche), 55–57, 60
- Nonindigenous people, 223–224
- Normative approach, 108
- Not Evident (NE), 156
- Objet partiel (partial object), 36
- Objet petit a (object small 'a'), 36

- Obuchi, Yusuke, 63–64
 Oceanix City, 69
 Organisation Building (OB), 156
- Pacheco, Pedro, 99
 Parallel Institutions (PI), 156
 Passive House (PassiveHaus), 195
 People's Republic of China (PRC), 126
 Photosynthetic cyanobacteria, 73
 Photovoltaics (PV), 179–180
 Planet care in Manchester XR, 167
 Plumwood, Val, 30–33
 Polemics, 72–78
 Political ecologists, 2–3
 Political ecology, 2–4
 Post Occupancy Evaluation Studies, 216–217
 Post-Carbon Form, 15
 Protest, 166–182
 Psychoanalytic architecture, 42, 201–202
- RAND corporation, 193–194
 Regenerative culture, 166–167
 Regenerative design, 138–141
 Resilience, 175
 Reworlding, 223–230
 RIBA, 177–178
 Robbie the Robot, 51–53
 Roche, Francois, 55
 Rougerie, Jacques, 61
 Royal Incorporation of Architects in Scotland (RIAS), 178–179
- Sahel and West Africa Club (SWAC), 88–89
 Schizoanalysis, 223
 Schizoanalytic architecture, 40–42
 dream of, 220–223
Schizoanalytic Cartographies (Guattari), 34
 Schizophrenic, 29–30
 Science policy, 45
 Scrambled Flat 2. 0 Waterflux project, 56
 Self-care, 166–167
 Self-reflexivity, 216–217
 Seville project, 72
 Shamans, 199–201
 Shau Architects, 94–95
 Shizimu Ecotopia at Sea, 65–71
Silent Running, 65
 Singularized analytics, 20–21
 SkyCountry, 226
 Slums, 85
 Smart city, 141–142
 Social ecology, 34
 Social Learning, 109
 Social license, 119
 Sogo, 21–25
 Solar hot water, 9
 Special Report15 (SR15), 4–5
 Stemcloud v3. 0, 73
 Strata/machinic assemblage, 39–40
 Strategic framing processes, 167–168
 Subjectivity, 37
 Sustainability longlist (Dezeen), 120–126
 Sustainability magic, 195–209
 invisibility magic, 201–204
 shamans, 199–201
 spells of mist, 206–209
 sustainability rituals, 196–199
 sustainability spells and formulas, 195–196
 taboos, 204–206
 Sustainability transitions, 88–89
 Sustainable Development Goals (SDG), 86, 107, 110
 urbanization, 215–216
 Sustainable materialization, 132
 Swiss Alps, 56
 Swiss Sustainable Building Standard (SNBS), 121
- Taboos, 204–206
 Tandanya-Adelaide Declaration (TAD), 224
 Technical construction workshops, 98
 Tequicalco project, 98
 Territorial Agency, 180–182, 200–201
 Thalassopolis I, 61–63

- Shizimu Ecotopia at Sea, 65–71
 visions of marine cities, 63–65
- The Architecture Lobby (TAL),
 173–182
- The Conference of the Parties (COPs),
 13
- The Feral Atlas, 217–218
- The Good Anthropocene, 145–148
- The Great Derangement, 231
- The Italian National Council of
 Architects, Planners,
 Landscape Architects and
 Conservators (CNAPPC),
 178–179
- Thousand Plateaus, A* (Deleuze and
 Guattari), 41
- Three Ecologies* (Guattari), 34, 36, 43
- Tjukurpa, 228
- Toward Climate Form, 15
- “Transformative impulses” of D&G’s
 work, 40
- Truncated reversalism, 32
- Tuvalu, 21–25
- UK Built Environment Advisory
 Group (UKBEAG),
 178–179
- UK Green Building Council
 (UKGBC), 140
- UK United Voices of the World
 Section for Architectural
 Workers (UVW-SAW),
 175–176
- Uluru Kata-Tjuta Cultural Centre, 227
- UN-Habitat, 17–18
- (Un) Plug Building, 56–57
- UN’s Sustainable Development Goals
 (SDGs), 3
- Unified theory of assemblages, 39
- United Nations Framework
 Convention on Climate
 Change (UNFCCC), 5, 13
- Urbach Tower, 52–53
- Urban Design Research Institute
 (UDRI), 90
- Urban Futures: Designing the
 Digitalised City*, 142
- Urban heat islands, 10–11
- Urban poverty, 218–220
- Urban studies, 215–216
- Urban Think Tank (UTT), 92, 99
- Urbanisation, 86
- Urbanism, 37–38
- Venice Architecture Biennale, 102–107
- Venice Biennale of Architecture, 15
- Venus Project, 66
- “Vertical Cities of the Future”, 180
- Visions of marine cities, 63–65
- Warlord architects, 105–107
- 1.5 °C Warming, 10
- WaterStudio, 68–69
- Wave Garden project, 63–64
- Well House, 124–125
- Whole Earth Catalog style, 131
- Why Factory, 94–95
- Woodside building, 123
- Woodside’s Scarborough Gas Project,
 123
- World Business Council (WBC),
 178–179
- World Green Building Council
 (WGBC), 178–179
- Yam Dreaming, 43
- “Zero Energy and Zero Carbon”
 certification, 122–123
- Zero-Emission, Zero-Waste, Zero-
 Poverty, 66–67
- ZHA Architects, 169–170