

## Index

- aluminum, 80–82, 106  
 animal rescue missions, 12, 105–116  
   at Balbina, 221–223  
   at Itaipu, 108–111, 149  
   at Itaparica, 115  
   at Tucuruí, 111–114  
   global context, 86–88, 106–107, 114  
 Anti-Dam Movement, 14, 244–255  
   Comissão Regional de Atingidos por Barragens do Alto Uruguai, CRAB, 244–246  
   global context, 246–247  
   Movimento dos Atingidos por Barragens, MAB, 242  
 authoritarian environmentalism. *See* environmental authoritarianism  
 authoritarianism. *See* dictatorship  
 Avá Guarani. *See* Indigenous communities, Avá Guarani  
  
 Balbina Dam, 5, 13–14, 203–241, 248, 263, 267, 272  
 Belém, 77, 79, 81  
 Belo Monte Dam, 249–252, 254, 267  
 border dispute, Brazil-Paraguay, 61–76  
   1872 Treaty of Loizaga-Cotegipe, 63–65  
   1966 Ata de Iguaçu, 65, 67, 74  
   1973 Itaipu Treaty, 68, 70, 73, 75  
 Brossard, Paulo, 71, 74  
  
 Cachoeira Porteira Dam, 210, 248–249  
 Canudos Massacre. *See* Cocorobó Dam  
  
 carbon emissions. *See* greenhouse gas emissions  
 Castelo Branco, Humberto, 18–19, 20, 29, 39, 66, 207  
 Catholic Church, 9, 13, 21, 127, 131–133, 138–141, 163. *See also* Comissão Pastoral da Terra, CPT, Conselho Indigenista Missionário, CIMI  
 Cocorobó Dam, 1–3  
 Cold War, 17, 28, 93  
 Comissão Pastoral da Terra, CPT, 132, 138–141, 216, 245  
 Conselheiro, Antônio, 1, 2, 56, 265  
 Conselho Indigenista Missionário, CIMI, 132, 148, 215–217  
 construction companies, 40–44  
   Camargo Corrêa, 40, 41, 42, 43–44  
 corruption, 35, 41–42, 68, 253  
 Costa Cavalcanti, José, 15, 24, 38, 39, 41, 49, 78, 89–90, 207, 211  
 Costa e Silva, Artur da, 19–20, 38, 40, 49, 78, 166  
  
 dam building  
   global context, 34–37, 84  
   motivations For, 27–37  
   site selection Balbina, 207–212  
   site selection Itaipu, 57–76  
   site Selection Itaparica, 83  
   site selection Sobradinho, 48–57  
   site selection Tucuruí, 76–83  
 Dias Leite, Antônio, 38–39, 41, 68, 73, 75, 77, 79–82, 94, 208

- dictatorship  
 coup, March 1964, 2, 15, 16–18, 19, 38, 92, 131  
 general, 2, 16–25  
 Institutional Act No. 5 (AI-5), 19–20, 21, 38, 43  
 repression, 18–20  
 restoration of democratic freedoms, 20–22, 71, 132, 152, 174–175, 218  
 displacement, 12–13, 125–163, 212–221, 224–227, 244, 255–264  
 global context, 161–162  
 laws on compensation, 128, 142–144  
 drought, 52, 56, 57, 264–266, 268–269
- economy  
 debt, 42, 121, 211, 265–266  
 economic boom, 26, 69, 92  
 National Development Plans, 15, 29  
 recession, 42, 121, 211, 266
- energetic studies  
 Amazônia, 78–79, 82, 89, 207, 248  
 Northeast, 49–50, 54, 89
- energy  
 general, 27–35  
 Latin America, 6  
 low carbon, 6–7, 118–120, 234–239, 276–277
- energy crises  
 Brazil, 57–58, 59, 264–270  
 global 1970s, 30–31, 73, 80–82, 83, 121, 151, 207
- environmental authoritarianism, 7–9
- environmental impact studies, 14, 24, 69–70, 92, 101–102, 122, 212, 218, 219, 221, 241, 247, 248, 251, 252  
 Robert Goodland studies. *See* Goodland, Robert, reports
- environmental legislation, 14, 22, 24–25, 122–123, 177–178, 241, 247–248
- environmental racism, 87, 148–150
- environmentalism, rise of, 12, 22–25, 35, 69–70, 74, 89–94, 95, 122, 150  
 1972 Stockholm Conference, 24, 69, 89–94
- Figueiredo, João, 21, 38, 208
- fish, 13, 47, 102, 117, 177–186, 191, 222, 231–232, 233, 254  
 fish ladders, 177, 178, 255
- fishing before dams, 128, 138, 142, 147, 156, 182–183, 214  
 global context, 186  
 Indigenous communities, 142, 147, 156, 161, 214, 254
- Geisel, Ernesto, 20–21, 38, 71, 89, 131, 135
- Gibson Barboza, Mario, 66–67, 75
- Goodland, Robert  
 career, 94–97, 100–101  
 reports, 12, 69, 94–102, 104, 111, 114, 115, 129, 147, 178, 182, 196–197, 200  
 greenhouse gas emissions, 7, 118–120, 234–239, 272, 277  
 Guaíra Falls, 10, 46–47, 58–76, 78, 98, 149, 167–176, 183, 272
- Hermes, Gabriel, 76, 77–79, 82  
 historiography, 7–9
- Iguaçu Falls, 75, 98, 149, 167, 168, 169, 170
- Indigenous communities  
 Avá Guarani, 14, 142–150, 190–191, 240, 256–259, 264  
 laws on displacement and resettlement, 143–144  
 Parakanã, 125–126, 199–201  
 Tuxá, 14, 155–162, 240, 259–264  
 Waimiri-Atroari, 204, 212–221, 224–227, 234, 240
- industrial growth, 25–35, 48, 58, 77–82, 89, 206–212  
 aluminum refineries. *See* aluminum
- Itaipu Dam, 5, 10, 11, 15, 38, 39, 42, 46–47, 57–76, 84, 94, 96, 98, 99, 101, 102–103, 105–106, 108–111, 112, 114, 117, 118–119, 138–150, 167–177, 182–195, 239, 244, 255–259
- Itaparica Dam, 5, 83, 115, 122, 151–162, 259–263
- Itaparica Falls, 48, 156, 164
- liberation theology. *See* Catholic Church
- malaria, 13, 98, 142, 147, 166, 213, 225, 274  
 at Balbina, 232–234  
 at Itaipu, 186–195  
 at Tucuruí, 195–198  
 global context, 193–194
- Manaus, 31, 205–212, 216, 217, 226, 231, 232, 241, 248

- Mann, Ernst, 47, 169, 172, 173, 174, 176  
 Marcondes Ferraz, Octávio  
   career, 51, 74  
   Sete Quedas Dam scheme, 12, 60, 61–76,  
     84, 175  
 Mazzarollo, Juvêncio, 74, 140  
 Médici, Emílio Garrastazu, 19–20, 28, 38,  
   71, 79  
 military modernization, 26–27  
 mosquitoes, 272  
   at Itaipu, 166, 186–189, 191  
   at Tucuruí, 112, 125, 166, 201  
 Movimento de Apoio e Resistência Waimiri-  
 Atroari, MAREWA. *See* Schwade,  
 Egydio and Doroti  
 Movimento Justiça e Terra, MJT, 141  
 multinational banks, 9  
   Inter-American Development Bank (IDB),  
     90, 94–96  
   World Bank, 12, 69, 90–101, 115,  
     120–122, 128–129, 136, 146–148,  
     153–154, 155, 163, 191, 217,  
     218–219, 246–247  
   World Bank Loan 2720-BR (1984–1986),  
     120–122, 146–148, 153–154, 218–219
- National Integration Program, 11, 28–29,  
 34, 52, 79–82, 213  
 national parks  
   global context, 73–74, 175–176  
   Iguaçu National Parks, 75, 149–150  
   Paulo Afonso National Park, 164–166  
   Sete Quedas National Park, 46, 167–176  
 Novaes, Manoel, 48–49, 53–85
- oil crises 1970s. *See* energy crises, global  
 1970s
- Paraguay, 5, 6, 12, 39, 43, 46, 58, 61–76,  
 94, 96, 99, 103, 109–111, 118,  
 142–144, 182, 190, 193, 255, 256–258  
 Paraguayan War, 62  
 Parakanã. *See* Indigenous communities,  
 Parakanã  
 Paraná River. *See* Itaipu Dam
- Paulo Afonso Dam, 33, 50–52, 53, 55, 94,  
 165  
 Paulo Afonso Falls, 50–51, 164–166,  
 268–269  
 pharaonic projects, 35–40, 140, 204  
 protest camps  
   at Itaipu, 141, 176  
   at Itaparica, 153–154  
   at Tucuruí, 201
- racism, 36, 87, 148–150, 245  
 resettlement. *See* displacement  
 Rodrigues, Dom José, 133–134, 179,  
 180
- Salto del Guairá. *See* Guaíra Falls  
 São Francisco River. *See* Paulo Afonso Dam,  
 Sobradinho Dam, Itaparica Dam  
 São Paulo, 41, 42, 43, 57–61, 177, 268  
 Schwade, Egydio and Doroti, 215–217,  
 220, 226  
 sedimentation, 53, 102–103, 114, 116–118,  
 183, 227, 273  
 Sete Quedas. *See* Guaíra Falls  
 siltation. *See* sedimentation  
 Sobradinho Dam, 5, 41, 48–57, 79, 83, 90,  
 94–95, 97–100, 101, 114–115,  
 127–138, 151–152, 177, 178–182,  
 244, 264–265, 268  
 Stroessner, Alfredo, 43, 61, 66, 257
- Tocantins River. *See* Tucuruí Dam  
 Tucuruí Dam, 5, 39, 42, 76–83, 98–99, 101,  
 103–105, 111–114, 118, 125, 126,  
 185, 195–201, 217, 238, 267, 272  
 Tuxá. *See* Indigenous communities, Tuxá
- Uatumã River. *See* Balbina Dam  
 urban growth, 26, 48, 57–61, 77  
 205–212
- Waimiri-Atroari. *See* Indigenous  
 communities, Waimiri-Atroari  
 War of the Triple Alliance. *See* Paraguayan  
 War