

Index

- agricultural mechanization, 135
Agriculture Ministry, 122
Allen, Yong J., 29
alluvial lands, 206, 214, 220, 228
 collapse of, 214
An, Zhen, 195
An, Ziwen, 105
analogy of hair and skin, 102
Andreas, Joel, 85
 red engineers, 85, 98, 105
Anik, Ferruh, 144
Anthropocene, 21, 205, 235
anti-party clique, 193
Anti-Rightist Movement, 91, 193
appropriation, adaptive, 28
Australia, 61
Austria, 127
Aydin, Mansour, 144

backyard furnaces, 130
Beihai Park, 88
Bennett, Gordon, 119, 122
Bi Mountain, 40
biodiversity, 204, 218, 232, 234
Biwa Lake, 155
Bo, Yibo, 87
Bolshevik Revolution, 113
Burdin, Claude, 28
Bureau of Business Promotion in Yunnan, 35
Bureau of Reclamation, 64, 69, 72, 232

Canada, 30–31
cannibalism, 195

Caohai, 222
carbofuran, 204
carbon footprint, 233
carbon neutrality, 236
carbon technocracy, 11
Carlowitz & Company, 36
cave houses, 201
CCP, *See* Chinese Communist Party
cement, shortage of, 112
censorship, 203
Central News Documentary Film Factory, 172
Central Political Bureau, 161
Chang, Kia-Ngua, 68
Changchun Film Studio, 115
check dams, 164
Chen, Guofu, 33
Chen, Huangmei, 115
Chen, Liangfu, 63–65, 69
Chen, Yun, 86–87
Chen, Zhang, 52
Chen, Zhaoxiang, 193
Chen, Zudong, 33–34
Chi, Ch’ao-Ting, 3, 97
Chiang, Kai-shek, 68
Chiang, Tingfu, 68
Chief Hydroelectric Bureau, 88
Chief Hydroelectric Construction Bureau,
 See Hydroelectric Engineering Bureau
Chile, 61
China Central Television, 227
China Rural Construction College, 40
Chinese Changchun Railway, 100
Chinese Civil War, 79

- Chinese Communist Party, 84, 93, 98
 - leadership, 170
- Chongqing, 11, 15, 48, 54, 136
 - Beibei, 39, 45
 - Changshou, 54, 56
- Churchill, Winston, 235
- class identity, 187
- class struggle, 119
- Cleansing of the Class Ranks, 103
- climate change, 229, 233
- coercive methods, 187
- Cold War, 111
- collectivization, 116, 136
- Colorado River, 69
- communism, 93
- concrete, effort to revolutionize, 110
- concrete revolution, 7, 13, 109, 117
- Cotton, John, 107, 156
- counterrevolutionary, 100, 106–107, 198
- COVID-19, 237
- Crook, Isabel, 57
- Cultural Revolution, 92, 104, 106–107, 133
 - revolution in higher education, 107
- culture of accommodation, 105
- Dadu River, 54
- Danjiangkou, 110
- declensionist narrative, 229
- decommissioning, 236
- delegation, electrical industry, 96
- demographic engineering, 180, 183, 195
- detaining water and flushing sediments, 173
- detaining water and sediment, 173
- development refugees, 203
- Dian Lake, 35
- dikes, 151, 174, 208
- disaster, man-made, 46
- displacement, 180, 184, 211, 230, 232
 - education of the masses, 185
 - scale of, 178
- Dneprostroy project, 95
- door blockade, 207
- ecological civilization, 221, 227, 229
- eco-tourism, 221, 223, 225
- eight essentials, 190
- Eighth National Plenum, 108
- Electric Power Ministry, 151
- electricity, conservation of, 51
- Electricity Ministry, 89
- electrification, 33–34, 38
- Elisson, S., 153
- embezzlement, 200
- energy, 30–33, 39
 - manual labor, 49
 - nonrenewable source of, 49
 - self-sufficiency, 32
- England, 61
- environmental consciousness, 232
- environmental hazard, 209
- environmental justice, 204
- environmentalists, 233
- Espy, Willard, 78
- Executive Ministry, 68
- exhibition, 89
- experts from the old society, 97, 99
- Fan, Jinfu, 126
- Fan, Shouren, 194
- farmlands, 42
 - flooding of, 43
 - scarcity of, 58
- Fen River, 205
- Fengman hydropower project, 94, 99, 154
- first Sino-Japanese War, 32
- fish ladders, 218
- fish population, decline of, 218
- Five-Year Plan, 90
- fossil fuels, 26, 28, 56, 233
- four old heads, 100
- Fourneyron, Benoit, *See* Fourneyron turbine
- Fourneyron turbine, 5, 28–29
- fragmentation of rivers, 137
- France, 30, 35
- frontier reclamation, 180, 202
- Fu, Zuoyi, 162, 170
- Fuel Industry Ministry, 86–87, 160
- Fujian, 15, 117–118, 128, 137
 - Nanping, 38
- full stomach environmentalism, 232
- Fushun coal mine, 49
- Fuyuan Company, 40
- game meat industry, 220
- Gansu, 17, 20, 179
 - Dunhuang, 180, 185–199
 - Tianshui, 158, 164
 - Zhangye, 189, 193
- Gauss, Clarence, 73
- Germany, 30, 33, 38, 46
- gigantomania, 95
- global North, 235

- global South, 232
- Gobi Desert, 191, 194, 196
- grain as the key line, 215
- Grand Canal, 151, 153
- grass on the wall, 102
- great acceleration, 6, 13, 113, 140
- Great Famine, 195
- Great Leap Forward, 92, 108, 119, 142, 165, 185
- hydropower projects, 109
- ideology of, 176
- small hydropower, 120
- war against nature, 102
- Greater East Asia Co-Prosperity Sphere, 154
- green revolution, 143
- groundwater, 210–211
- Guangning, 137
- Guanzhong Plain, 166, 173, 205, 207
- H5Nr, 219, 224, 237
- Hao, Yujiang, 182
- He, Jingzhi, 175–176
- Heilongjiang River, 107
- Heiriku, Ogashi, 153
- Henan, 162, 181, 188
 - archives, 17
 - displacement of inhabitants, 178
 - failed river management in history, 4
 - labors from, 110
 - Lingbao, 180–181, 199, 214
 - Mianchi, 217
 - Sanmenxia, 191
 - Shaanxi, 180–182, 201, 204
- Hershatter, Gail, 135
- high modernism, 9, 183
- Hongqi Canal, 132
- Hoover Dam, 69, 231
- Hu, Jintao, 114
- Hu, Shi, 62
- Hu, Yingze, 179, 206
- Huai River, 236
- Huang, Kecheng, 86
- Huang, Nanqiao, 59
- Huang, Wanli, 165, 178
- Huang, Wenxi, 49
- Huang, Yuxian, 54, 84, 99–100
 - criticism of the party, 107
 - director of the Hydroelectric Bureau, 97
 - former director, 86
 - reactionary academic authority, 103
 - survey team, 54
- Huang, Ziduan, 127
- Hubei, 50, 110
- Huilelongzhai project, 58
- hukou*, 198
- Hunan, 50, 86
- Hundred Flowers campaign, 102
- Hutchins, Francis, 61
- hydraulic community, 3–4
- hydraulic mode of consumption, 8–9
- hydraulic mode of production, 8
- hydraulic society, 3–4, 44
- Hydroelectric Bureau, 87
- Hydroelectric Engineering Bureau, 86–87
- hydroelectricity, 27–29, 32
 - modernist discourse, 43
 - new method of producing an inexhaustible source of power, 25
 - potential of, 41
 - promotion of, 88
 - Western scientific theories of, 34
 - widespread use of, 29
- hydrology, 31
- hydropower, *See* hydroelectricity
- hydropower engineering education, 100
- hydropower engineering
 - internationalization of, 60
- hydropower nation, 6–12, 14–15, 17–21, 28, 79, 146, 233
 - all encompassing, 173
 - anthropocentric system, 235
 - entanglement with Maoist politics, 113
 - environmental aspect of, 205
 - human cost, 178
 - incipient, 51
 - international cooperation, 60
 - mass participation, 84
 - might of, 150
 - productivist, 203
 - role of small hydropower, 117
 - social and environmental aspects of, 150
 - social limit of, 181
 - technostructure of, 113
 - transnational dimensions of, 74
- illegal hunting, 221
 - crackdown on, 223
- India, 144
- Industrial Revolution, 234
- industrialization, 94
- intellectuals, problem of, 101

- intelligentsia, 91, 100
- Italy, 30
- Japan, 30, 32, 49
- Ji, Tinghong, 38
- Jialing River, 39–40
- Jiang, Gengqiao, 42
- Jiang, Guiyuan, 63
- Jiangdu, 63
- Jiangsu, 49
- Jiaotong University, 64
- Jihe project, 38
- Jinsha River, 35
- Jiuyuangou, 164
- Keh, Chi-yang, 74–75
- Khrushchev, Nikita, 119
- killing two birds with one stone, 183
- Knoxville, 65–66
- Kongjiazhuang, 115
- Korean War, 92–93
- Kunming, 36
- Kunming Chamber of Commerce, 36
- Kuomintang, 39, 44, 48, 52
- labor mobilization, mass, 110
- land reclamation, 183
- leaning to one side policy, 92, 106
- learning from Dazhai, 132
- Lend-Lease Act, 62, 65
- Leng, Meng, 179
- Lenin, 90, 93, 113
- Leningrad Design Academy, 162
- Li, Bai, 175
- Li, Hongzhang, 25
- Li, Jimao, 196
- Li, Peng, 96, 114, 231
- Li, Rui, 7, 86–88, 99
 - background in propaganda, 88
 - delegation to the Soviet Union, 96
 - passion for hydropower, 87
 - pragmatism, 100
 - revolutionary cadre, 84
 - right opportunist, 91
- Li, Yizhi, 153, 158
- Liangtan River, 40–41, 44, 46
- Lilienthal, David, 61–62
- Lin, Miaoqing, 125
- Lin, Yishan, 89
- Liu, Lanbo, 90, 96
- Liu, Lingfang, 35
- Liu, Shaoqi, 126
- Liu, Shuanzhou, 192
- Liu, Yingzhou, 42
- Liu, Yongzhi, 191
- load equilibrium theory, 90
- local community, conflict with, 42
- local community, well-being of, 60
- Loess Plateau, 13, 157–159, 181, 205, 208
 - heavy rainfall in summer, 213
 - water and soil conservation project, 164
- Longhai Railway, 199
- Longxi River, 38, 54
- Longxi River project, 50, 55
- Lowdermilk, Walter C., 157–159, 164
- Lowell, 26, 30
- Lower Qingyan Cave project, *See* Xiadong hydropower plant
- Lu, Shiqian, 31
- Lü, Siqu, 42
- Lu, Zuofu, 40–41
- Lüda, 121
- Luo, Xibei, 91
- Lushan Plenum, 91, 198
- Ma, Jiying, 192
- Manchukuo, 94, 99
- Manchuria, 32
- Mao, Zedong, 89, 166, 198
- Mao Zedong Thought Propaganda Team, 106
- Maoism, radical, 103, 113
 - class struggle, 111
 - politics in command, 103
- Maolin, 115
- Martin, W. A. P., 29
- mass campaign, 117
- mass line, 119
- mass mobilization, 130
- materials, alternative, 109
- McCully, Patrick, 174
- mechanization, 110
- Mengjin, 153
- Mexico, 61
- migrant cadres, 192
- migratory birds, 217
- militarization, 77
- Ministry of Water Conservancy, 126, 144
- Minle county, 191
- Minsheng, 40–41
- mobilization tactics, 185
- Morita, Akira, 3

Index

269

- multipurpose exploitation, 150
- multipurpose hydro-technical innovation, 75
- Nanjing, 49, 104
- Nanning Conference, 89
- National Defense Commission, 56, 70
- National Defense Strategy Commission, 53, 63
- National People's Congress, 162, 231
- National Planning Commission, 88
- National Resources Commission, 17–18, 50, 52–55, 58, 60, 66, 97
- estimation of hydropower capacity, 31
- key role in harnessing hydropower reserves, 50
- opposition from landowners, 58
- practical training requirement, 64
- shortage of engineers, 63
- survey team, 54
- transnational exchange, 61
- National Wetland Conservation Action Plan, 216
- National Wetland Conservation Program, 216
- National Writers Association, 172
- nationalism, 32
- Nationalist, *See* Kuomintang
- Nehru, Jawaharlal, 150
- Nelson, Donald, 69
- Niagara Falls, 28–29, 34
- Niekoop, Raymond, 145
- Nigeria, 144
- Ningxia, 103, 179, 190, 196
- nitrogen fertilizer, 71
- non-Communist intellectuals, 98
- nonhuman species, 206
- North China Plain, 151, 157, 205, 213
 - farmland, 162
- Northeastern Hydropower Engineering Company, 94
- northern wilderness, 91
- Norway, 30
- Office of the National Electric Industry, 53
- Organization Department, 105, 123
- Organization Department of the Kuomintang, 33
- oriental despotism, 3
- Outline of National Agricultural Development for 1956 to 1967, 126
- overfishing, 218
- Pacific War, 156
- Palchinsky, Peter, 92
- Pan, Jiazheng, 232
- Pan-Asianism, 153
- Paniushkin, A. S., 100
- party technocrats, 97
- party-state, 85, 114
- Paschal, G. R., 69
- Pearl on the Yellow River, 230
- Peng, Dehuai, 91, 168, 197
- Peng, Zhen, 100
- People's Commune, 192
- People's Daily*, 170
- People's Liberation Army, 104
- Pietz, David, 8, 84, 96, 133, 150, 179
- Pope, James, 67
- poverty alleviation, 215
- powershed, 12
- principle of small, indigenous, mass, 117
- Pritchard, Sara, 12
- proletarian engineers, 124
- proletarian hydropower technology, 95
- proletarianization of higher education, 107
- Qin, Xiudian, 100
- Qinglong, 131–132
- Qinling Mountains, 206
- radical Maoism, 178, 200, 215
 - shortcomings of, 119
- Ramsar Convention on Wetlands, 215
- reactionary academic authority, 103
- reconstruction, 52–53, 74
- red and expert, 114
- Red Guards, 106
- red revolution, 143
- reeducation, 102, 106
- reeducation through labor, 91
- Ren, S. D., 66
- renewable energy, 233
- Reservoir Management Bureau, 213
- reservoir migrants, 178–180
 - access to farmland, 209
 - agency of, 180
 - anxiety, 188
 - availability of arable land, 213
 - inspection tour, 185
 - invisibility of, 230
 - malnutrition, 195
 - quota of, 183
 - repatriation of, 197

- reservoir migrants (cont.)
 - returning, 197
 - sense of honor, 202
 - subsistence needs of, 215
- reservoir resettlement, standard process of, 184
 - resettlement, 20, 44, 75, 180–181, 184, 186–187, 214, 223
 - as political task, 185
 - assistance from local residents, 190
 - attitudes of farmers toward, 76
 - compensation policy, 200
 - higher altitude, 182
 - lack of permanent shelter, 194
 - long distance, 187, 197
 - politicization of, 193
 - short-distance, 200
 - stress of, 202
 - sustainability of, 188
- resources, total development of, 76
- retained engineers, 98, 100, 104
- revolution in electricity, 121
- revolution in technique, 110
- revolutionary cadres, 97–99
- right opportunist, 91
- rightists, 91, 102, 123, 129, 193
- right-leaning conservatives, 111
- river development, multipurpose, 96–97
- river ecologies, destruction of, 137
- riverbank collapse, 209–210, 214
 - investigation of, 210
- Rockefeller Foundation, 61
- Roosevelt, Franklin, 60
- Roshchin, N. V., 93
- run-of-the-river pattern, 174
- rural collectivization, 164, 180, 185
- rural electrification, 115, 118, 133, 143
 - improvement of living standard, 135
 - major principles, 122
 - political significance of, 140
 - targets, 123
- salinization, 173, 211
- sanbian*, 109
- Sanmenxia, 11–13, 15, 17, 110
 - flood control, 152
 - Japanese plan, 154
 - multipurpose development, 161
 - passage, 152
- Sanmenxia City
 - Hubin, 217
- Sanmenxia Dam, 163, 169, 175–176, 205–206, 236
- Sanmenxia project
 - controversy, 178
 - debate of, 165
 - opening ceremony, 170
 - operating pattern, 174
 - silting problem, 165
 - social engineering, 172
- Sanmenxia Radio and Television Station, 227
- Sanmenxia reservoir, 182, 205, 207, 215, 219
 - mode of operation, 208
- Sanmenxia wetland, 217
- Sanmenxia Yellow River and Migrants Management Bureau, 214
- Savage, John L., 69–74, 103, 107
- Schmalzer, Sigrid, 116, 143
- Schumacher, E. F., 14, 138
- Scott, James, 9, 184, 202
- seasonal flooding, 213
- Second Sino-Japanese war, *See* War of Resistance against Japan
- sediment, 206, 212
 - retention of, 207
- self-reliance, 115
- self-strengthening movement, 32
- Seow, Victor, 11
- Shaanxi, 20, 164, 178–179, 196, 205, 208
 - concerns about the loss of arable land, 169
- Hua County, 174
- Huaxian, 211
- Huayin, 211
- power grid, 162
- Suide, 164
- Tongguan, 174
- Xi'an, 207
- Shaanzhou, 149
- Shan, Yubin, 32
- Shandong, 177
- Shanghai, 31, 36, 49
- Shanxi, 20, 162, 164, 178, 205
 - LiuLin, 164
 - Pinglu, 223
- Shapiro, Judith, 179, 202
- Shi, Hongxi, 63
- Shi, Jiayang, 100
- Shijiatan, 177, 201
- Shilongba Hydropower Plant, *See* Yaolong Light Company
- Shizitan, 54

Index

271

- shoaly lands, 179
- shore lands, *See* alluvial lands
- Shuanglong Commune, 124
- Shuanglonghu wetlands, 221
- Shui, Xiheng, 38
- Shuzhuangtai, 175
- Sichuan, 40, 50, 52–53, 109
 - Ba County, 44
 - Luzhou, 38
- Siemens, 36, 38
- sibua*, 115
- silt trap dams, 164
- Sino-Soviet split, 207
- Sino-Soviet Treaty of Alliance, Friendship, and Mutual Assistance, 159
- sluice gate, 42, 45, 225
- small hydropower, 116–117, 235
 - agricultural mechanization, 118
 - benefits of, 116
 - definition of, 116
 - impact on the environment, 137
 - local materials and native knowledge, 124
 - national security, 143
 - role of women, 135
 - top-down initiative, 120
 - waste of human labor and local resources, 130
- Sneddon, Christopher, 7, 69, 109
 - concrete revolution, 8, 69
- socialism, 141
- socialist industrialization, 102
- soil conservation, 157
- soil erosion prevention, 159
- Songhua River, 94, 154
- Southern Sichuan Construction Bureau, 38
- Soviet Union, 30, 33, 65, 92
 - experts, 94–96, 160
 - hydropower advisors, 94
 - imperialist power, 100
 - Moscow, 96
 - revisionism, 111
- soybeans, 223
- Stalin, 93, 95
- Stalinist, 93
- starvation, 192
- State Council, 160, 170, 182
- statist, 178
- struggle session, 103, 105
- Su, Li, 115
- Su, Yuren, 187
- Suning, 123, 136, 142
- Sun, Yat-sen, 25, 27
- Sun, Yunxuan, 63
- Sup'ung, 154
- Suriname, 144
- suspended river, 157
- sustainability, 234
- Suyun, 227
- Swan City, 228, 230
- Sweden, 30
- Switzerland, 30
- sworn kinships, 190
- Syria, 144
- Taiwan, 32, 79, 97
- Tanglang River, 35
- Taohuaxi plant, 55, 59
- Taohuaxi River, 55, 59
- technocracy, 113
- technocrats, 18–19, 85, 114, 160
- technological hubris, 176, 233
- technological lock-in, 15
- technological revolution, 111, 121
- technologies, brute force, 13
- technology, appropriate, 14, 138, 145
- technology, brute force, 176, 234
- technology, indigenous, 126
- technology, intermediate, 138
- technology, international, 92
- technostructure, 84–85, 92, 233
- Tekhintern, 92, 160
- temple of modernity, 150
- Tennessee Valley Authority, 5, 60–69, 72, 231
- Tesla, Nikola, 29
- Third Front, 110, 142
- thought reform, 101, 103, 105
- Thousand Islands Lake, 237
- Three Gates Gorge, *See* Sanmenxia
- Three Gorges, 1–2, 14, 70
- Three Gorges project, 50, 89
- Tianfu coal mine, 51
- Tilt, Bryan, 234
- Tsinghua University, 33, 54, 105, 114
 - hydraulic professor at, 165
 - Hydraulics Department, 108
 - revolution in education, 85
- tu* expert, 127
- Turkey, 144
- tu-yang* binary, 116
- TVA, *See* Tennessee Valley Authority

- UNESCO, 226
- unimagined communities, 177, 237
- United Kingdom, 108
- United Nations Industrial Development Organization, 133, 144
- United Nations Relief and Rehabilitation Administration, 68
- United States, 31, 50
 - hydraulic education, 49
 - hydropower capacity, 30
 - large generators and turbines from, 33
 - prime mover of large hydropower projects, 231
- Universal Engineering Digest*, 67
- Universal Trading Corporation, 66
- Upper and Lower Qingyan caves, 54
- US State Department, 63
- USSR, *See* Soviet Union
- vernacular industrialism, 38
- Vietnam, 35
 - Haiphong, 35
- Voith, 36
- walk on two legs, 141
- Wallace, Henry, 68
- Wang, Huayun, 162, 164, 171
- Wang, Pingyang, 63
- Wang, Xiaozhai, 36
- Wang, Yukuan, 192
- Wangguan, 221
- Wangguan wetland, 222, 225
- War of Resistance against Japan, 44, 78, 107
- wasteland, 215
- water and soil conservation, 165
- Water Conservancy and Electricity Ministry, 90, 131, 175
- Water Conservancy Ministry, 89, 118, 160, 162
- water conservation movement, 119
- waterfalls, 25, 28–29, 31, 40, 54
- waterfowl, 217, 222, 224
- watermill horizontal wheel, *See* Fourneyron turbine
- watermills, 26, 29, 42, 124
 - impacted by the dam, 42
 - role in processing grain, 27
 - waterpower plant to earn funds, 128
- waterpower, 25–26, 28–29
- waterwheel, 28–29
- Wei River, 158, 167, 205, 207
 - estuary block, 173
 - silting reduction, 174
- welfare migrants, 186
- Wen, Shanzhang, 167
- Weng, Wenhao, 53
- Wetland Management Office, 217, 221
- wetlands, 215
 - buffer zones, 226
 - key preserve areas, 226
 - kidneys of the earth, 216
- white coal, 5, *See* hydropower
- whooper swans, 20, 204, 218–219, 224, 226, 230, 237
 - city cultural emblem, 227
 - economic opportunity, 226
 - habitat conservation, 225
 - wintering ground, 219
- wildlife protection, 204, 220–221, 223
 - enforcement of, 222
 - surveillance, 221
- tension with agricultural production, 223
- William the Conqueror, 26
- winter habitat, 229
- Wittfogel, Karl, 3
- wooden propeller, 126, 145
- work points, 191
- World War II, 156
- Worster, Donald, 3, 234
- Wu, Zhipu, 183
- Wuhan, 49
- Xi, Zhongxun, 168
- Xiadong hydropower plant, 56
- Xie, Peihe, 63
- Xie, Yusheng, 126
- Xie, Zhaoping, 179
- Xin'anjiang, 110, 237
- Xinglongchang, 57
- Xiong, Shuchen, 104
- Xu, Shoubo, 140
- Xu, Ying, 74
- Yalu River, 154
- Yan, Yangchu, 40
- Yang, Sen, 56

- Yangtze dolphins, 229
- Yangtze Gorges, *See* Three Gorges
- Yangtze paddlefish, 229
- Yangtze River, 1–2, 4, 14, 16, 33, 48
 - 1998 flood, 216
 - Gezhouba Dam, 229
 - Three Gorges project, 231, 234
- Yangtze River project, 70, 73
- Yaolong Light Company, 36, 46
- Yellow River, 3, 11, 20, 160, 182
 - Baili Hutong, 153
 - China's Sorrow, 8, 150
 - Hukou, 153
 - Liujiaxia, 111
 - Longmen, 179, 205
 - Qingtongxia, 103
 - Tongguan, 179, 205, 211
 - V-shaped course, 212
 - Xiaobeiganliu, 211
 - Xiaolangdi, 153
 - Yanguoxia, 199
- Yellow River Conservancy Commission, 98, 153, 163, 168
- Yellow River Planning Commission, 160
- Yellow River Wetland Preserve, 228
- Yellow River Wetland Provincial Level
 - Natural Preserve, 216
- Yen, Jimmy, *See* Yan, Yangchu
- Yichang, 69
- Yongchun, 15, 19, 117, 122, 125–129, 135–136, 138, 142
- You, Yangzu, 127
- Yu the Great, 3, 149, 176
- Yu, Kaiquan, 99
- Yu, Youcai, 200
- Yunnan, 50, 52
 - Kunming, 35–38
- Zhang, Bing'ai, 1
- Zhang, Changling, 100
- Zhang, Desheng, 166
- Zhang, Guangdou, 64, 69, 84, 104–108
 - concern about the Sanmenxia project, 166
 - model red engineer, 106
 - target of the Red Guards, 106
- Zhang, Hanying, 98, 163
- Zhang, Jianye, 210
- Zhang, Ling, 8, 212
- Zhang, Tiezheng, 95
- Zhang, Wenying, 182
- Zhang, Xiaowa, 197
- Zhao, Shishi, 204
- Zhejiang, 49
- Zheng, Shenglin, 127
- Zhengguo Canal, 3
- Zhongtiao Mountains, 206
- Zhou, Enlai, 93, 105, 174
 - concern over water and soil conservation, 164
 - discussion of the Soviet design, 167
 - on intellectuals, 102
 - party leader, 85
 - role in finding compromise, 169
 - visiting hydropower exhibition, 89
 - visiting Sanmenxia, 168
- Zhu, De, 89
- Zhu, Zhongping, 204