

# Index

- 1994 tax sharing reform, 81
- Administrative Litigation Law, 173
- administrative reforms, 24
- aesthetically pleasing buses, 85, 113
- Air China, 5
- air-conditioned buses, 99–100
- Alibaba, 2
- allies, 13, 23
- SOEs as, for local government in
- protests, 75–6, 77, 122–5
- ambiguous policy directives, 45–8
- anti-corruption campaigns, 24, 110
- appeasement, 35, 72, 122, 146
- in waste incineration plants, 125–8,
- 145–6, 149, 150, 154
- authoritarian officials, 5, 15, 56, 68, 69
- competence and loyalty, 159–60
- political services. *See* political services
- authoritarian state, 1, 7, 10, 14,
- 16, 30, 31, 82, 158, 161,
- 174, 176
- authoritarianism, 10, 12, 23, 25, 30, 48,
- 49, 58, 158–64, 175, 176
- features of, 160
- blame avoidance, 14, 15, 41, 45, 63, 120,
- 125, 126
- blame deflection, 13, 15–16, 72, 74
- in protests, 74–5
- bottom-up demands, 48–52
- bottom-up evaluation, 60
- Boycko, Maxim, 23
- bribery, 16
- Du, Shicheng, 43
- Li, Chuncheng, 17–18
- Nie, Chunyu, 17
- BRT systems. *See* Bus Rapid Transit (BRT)
- systems
- budget constraints, 20–1, 64, 174
- bus beautification projects, 84–5, 89
- Bus Rapid Transit (BRT) systems, 86–7,
- 89, 99, 102–5, 106, 108
- bus upgrade projects, 85–6, 89
- cadre evaluation system, 49, 57, 58, 84,
- 165, 169, 170
- components of, 58
- bottom-up evaluation, 60
- target responsibility system, 58–9, 165
- top-down evaluation, 59–60, 159
- insecurities of, 60, 63
- from target responsibility system,
- 60–2
- from top-down evaluation, 62–3
- campaign donations, 11
- CCP. *See* Communist Party of China (CCP)
- central environmental initiatives, 84
- central SOEs, 8, 75, 123, 136
- Wuxi incineration plants by, 143–7
- Cheng, Kejie, 109, 110
- coercion, 18, 21, 64, 80, 109, 173
- Communist Party of China (CCP), 26, 84,
- 159, 160, 166
- formal evaluations of Chinese official,
- 14–15, 46

- Communist Party of China (CCP) (cont.)  
 laws and policies, 6–7  
 on market economy, 26  
 partial political reforms, 28–9  
 private entrepreneurs as members of, 7  
 socialist market economy, 3  
 video gaming curfews, 2  
 Xiaoping's economic reform, 26
- competition, firm, 10, 20, 23  
 budget constraints, 20–1  
 political capital, 21–2
- complete contracts, 8, 9, 33
- concession, 72, 81, 125, 128
- corruption, 12, 17, 24, 129, 161, 167, 172  
 Du, Shicheng, 43  
 in waste incineration sector, 129–30
- credit claiming, 14, 15, 18, 20, 41, 45, 54, 120, 128, 170
- de-desertification project, 52–3
- democratization, 28
- deprivatization, 32, 34, 35, 162, 163, 188  
 of urban bus sector, 79–80, 81–3, 113  
 bureaucratic fragmentation for, 112–13  
 Guangzhou and Nanning. *See*  
 Guangzhou's bus sector;  
 Nanning's bus sector  
 visibility project and. *See* urban bus  
 sector, visibility projects in
- development projects, 54
- domestic security, 9
- Dongxing, 5
- Du, Shicheng, 42, 43
- economic predation, 8, 9, 23, 24, 26, 29, 30, 31, 33
- economic reform, 1, 3, 6, 25, 26, 28, 29, 176  
 Xiaoping, Deng, 26
- economic services, 11
- Enfi, 144, 145, 147, 152, 153
- environmental sustainability, 166, 168  
 local officials' incentives, alignment of, 168–71
- firm's ownership, 20, 23, 27, 64, 73–4, 115, 126–8, 137, 147, 155, 177, 188
- fiscal health, 90, 133
- forced merger and acquisition by SOEs, 27  
 Dongxing and Air China, 5  
 Rizhao and Shandong Iron and Steel  
 Group, 4–5
- franchising, government, 81, 118
- free universal healthcare reform, 48–9
- Fuller, Douglas B., 25
- Gan, Xin, 107
- Gilley, Bruce, 169
- goal displacement phenomenon, 46
- Google China, censoring search results of, 19–20
- government franchising, 81, 118
- “Grain for Green” program, 49–50
- Guangzhou, 95
- Guangzhou's bus sector  
 deprivatization of, 95–6, 97–8, 105–6, 108  
 bureaucratic fragmentation for, 112–13
- Gan, Xin, 107
- investment environment of, 96
- Ou, Bingchang, 107
- privatization of, 97  
 weak regulatory capacity for, 111–12
- visibility projects in, 98–9  
 ambitious leadership behind, 106–8  
 Asian Games, private firms' resistance  
 in, 105  
 phase I, 1994–2002 (air-conditioned  
 buses), 99–100  
 phase II, 2003–2005 (LPG buses), 100–2  
 phase III, 2005–2007 (BRT system), 102–5, 106, 108  
 private firms' resistance to, 104–5, 108
- Xian, Weixiong, 107
- Zhang, Guangning, 107
- Zhu, Xiaodan, 107–8
- hard budget constraints, 20, 64, 164
- high-profile protests, 70–1, 72, 75, 76, 77–8, 115  
 against waste incineration plants, 119–22, 156  
 appeasement strategies, 125–8  
 concession, 128  
 persuasion, 126–8  
 quantitative analysis of firm choice  
 and, 131–8  
 suppressing, 122–3  
 temporary shut down of plants, 128
- Hirschman, Albert, 54
- Hosmer, David W., 88
- Hsueh, Roselyn, 25

- institutionalization, 161
- Jade City's wastewater treatment, 37–41
- Jinping, Xi, 3, 6, 45, 176
- Johnson, Thomas, 120
- landfills, 116, 117, 118
- legal reforms, 24
- Li, Chenglong, 110
- Li, Chunheng, bribery case of, 17–18
- Liu, Zhibing, 110
- lobbying, 16
- local demands, Party-state's preferences  
on, 48–52
- LPG buses, 85, 86, 100–2, 104,  
106, 107
- Macau bus firm, 98, 102, 104
- market reform, China's, 23–31
- Mattingly, Daniel C., 72
- media campaigns, 12
- merger and acquisition, 177
- methane production, 116
- Mo, Jun, 110
- modernization theory, 28
- Nanning, 95
- Nanning's bus sector  
deprivatization of, 111  
bureaucratic fragmentation for, 113  
investment environment of, 96  
new energy buses in, 108–9  
privatization of, 97, 98  
weak regulatory capacity for, 111–12  
visibility projects in, 98–9, 108  
lack of, 108–11
- Yu's Beautiful Nanning campaign,  
110–11
- national and local governments relation,  
171–5
- National Civilized City, 84, 89
- National Public Transportation City, 84,  
89
- National Public Transportation Model  
City, 104
- national security, 8, 9, 82
- nationalization, 8, 27–8, 32, 177
- new energy buses, 85, 98, 102, 105,  
108–9, 111, 113
- Nie, Chunyu, bribery case of, 17
- not in my back yard (NIMBY) protests,  
78, 120
- office buying, 12
- Office of Letters and Visits, 80
- Ong, Lynette H., 72
- Ou, Bingchang, 107
- Party-state's preferences, 48–52
- People's Armed Police (PAP), 70–1
- performance evaluation, 14–15, 44, 46,  
57, 61, 63, 69  
cadre. *See* cadre evaluation system  
quantitative, 59, 159
- performative governance, 45
- persuasion, 64, 72, 80, 121, 125, 126–8
- policy experimentation, 57
- political capital, 21–2, 69, 76, 164, 174  
definition, 73  
firms' ownership types and, 73–4  
by firms' sectors, 73  
firms' size and, 73  
SOEs *vs.* private firms, 72–4  
in waste incineration sector. *See* waste  
incineration plants, firms' type  
and political capital  
of Wuxi and Qinhuangdao incineration  
plants, 152–4
- political connections, 21, 22, 73–4, 76,  
122, 126
- political economy model, 161–4, 175–6
- political gains, 8
- political incentives, 8, 9, 10, 15, 16, 19,  
23, 25, 26, 29, 30, 33, 44, 45, 48,  
54, 55, 57, 59, 60, 71, 109, 111,  
112, 129, 153, 158, 165, 166,  
169, 171, 172, 174
- political leaders' tenure, 90
- political predation, 29, 30
- political reforms, 24, 25
- political services, 5, 10, 11, 23. *See also*  
societal control; visibility projects  
purpose to Chinese officials, 14–16  
regulation *vs.* bribe, 16–20
- politicizing firms, authoritarian logics for,  
25–6
- pork barrel project, 51–2
- Potemkin village projects, 44–5
- private capital, 165, 176
- private firms, 1, 5, 6, 9, 10, 12  
in 2022, 7  
budget constraints, 20, 21  
local government strategies against  
protests, 72  
blame deflection on, 74

- private firms (cont.)
  - finances and suspension, 74
  - as scapegoats, 74, 76, 125–30
  - political capital, 22, 72–4
  - societal control functions, 22–3
  - visibility projects unsustainability to, 63–5
  - in waste incineration sector, 122, 125–30
- private investment, 160, 161, 165
- privatization
  - in solid waste treatment sector, 33
  - in urban bus sector, 33, 80–1, 97, 111–12
- protests, 69–70, 71
  - blame deflection in, 74–5
  - high-profile, 70, 72, 75, 76, 77–8, 115
  - against waste incineration plants, 119–23, 156
  - appeasement strategies, 125–8
  - concession, 128
  - persuasion, 126–8
  - quantitative analysis of firm choice and, 131–8
  - temporary shut down of plants, 128
  - casualties, 70
  - coverage of protest in news media, 71
  - People's Armed Police (PAP), mobilization of, 70–1
- local government strategies against, 76. *See also* appeasement; concession; persuasion; suppression
- appeasement, 72
- private firms as scapegoats in, 74, 76, 125–30
- private firms' role in, 72
- reasons for not using SOEs as scapegoats, 74–5
- SOEs as allies, 75–6, 77, 122–5
- suppression, 72, 75, 76, 77
- not in my back yard (NIMBY), 78, 120
- Tiananmen, 27
- public protests, 66–8, 71
- public transportation, 33, 80, 81, 84, 102
- public transportation system upgrade, 79
- public–private partnership, 24, 38, 39, 41, 78, 144, 166
- Qingdao city, Du's visibility projects in, 42–3
- Qinhuangdao incineration plant, 148, 153–4
- illegal launch of, 148–50
- Wuxi incineration plants *vs.*, 150–1
- appeasement strategy, 154
- paying for costs incurred from suspension, 154
- political capital, 152–4
- rule of law, 151
- state capacity in suppressing protests, 151–2
- quantitative performance evaluation systems, 59
- registered capital, 64
- regulation *vs.* bribe, 16–20
- rent-seeking projects, 47–8
- restrictions on private firms' entry, 177
- Rizhao steel, 4–5
- Rotenberg, Arkady, 13
- scapegoats, firms as, 13, 14, 22, 69
- in protests, 74, 76, 125–30
- Scott, James, 104
- selectoral campaigns, 12–13, 15, 56–8, 87. *See also* visibility projects
- authoritarian origin of, 58–63
- selectorates, 56
- Shandong Iron and Steel Group, 4–5
- shareholder sale, 177
- Shih, Victor, 25
- Shleifer, Andrei, 23
- shutting down of entire private sector, 5, 177
- social capital, 21
- socialism, 8
- socialist market economy, 3, 4, 7
- societal control, 10, 13–14, 16, 21, 25, 72, 174. *See also* protests
- blame deflection, 15–16, 72, 74–5
- Google, 19–20
- on internet firms, 19–20
- private firms *vs.* SOEs, 22–3
- in waste treatment sector. *See* solid waste treatment sector
- SOEs. *See* state-owned enterprises (SOEs)
- soft budget constraints, 21, 64, 86
- solid waste recycling, 170–1
- solid waste treatment sector, 35, 78, 115–19, 156–7, 174, 175
- environmental education bases, 129
- garbage disposal methods in before 1990s, 115–16
- government franchising, 118
- incineration plants. *See* waste incineration plants
- landfills, 116, 117, 118

- Ministry of Ecology and Environment, 116
- national environmental initiatives, 116
- private firms in, 118–19
- privatization and contracting out in, 33
- reciprocation forms for firms' political services, 155–6
- waste-to-energy (WtE) projects, 116–17
- speculation and profiteering, 26–7
- sponge city, 166
- standard franchise contract, 81
- state advancement of private sector, 178–9
- state capitalism, 8–9
- state encroachment, 1–4, 23
  - in 2021, 2
  - after 1993, 4–5
  - central pattern of, 7–8
  - central states' laws and policy, 6–7
  - complete contracts, writing, 8, 9
  - domestic security, 9
  - economic predation, 8, 9
  - local governments, 9–10
  - national security, 8, 9
  - political gains, 8
  - prior to 1993, 4
  - private tutoring, shut down of, 2, 5
  - shutting down of entire private sector, 2, 5
  - video gaming curfews, 2
- state intrusion, 7–8, 9
- state predation, 23
- state–business collusion, 156, 174
- state–business relations, 3, 14, 22, 23, 29, 30, 32, 34, 87, 148, 155, 158, 171–5, 176
- State-owned Assets Supervision and Administration Commission of the State Council, 8
- state-owned enterprises (SOEs), 5, 10, 24, 27, 65, 67, 68, 69, 86, 118, 121
  - budget constraints, 20, 21
  - central, 8, 75, 123, 136
    - Wuxi incineration plants by, 143–7
  - forced merger with and acquisition by. *See* forced merger and acquisition by SOEs
  - in protests
    - as allies for local government, 75–6, 77, 122–5
    - reasons for not using SOEs as scapegoats, 74–5
  - political capital, 22, 72–4, 75
  - societal control functions, 22–3
- State-owned Assets Supervision and Administration Commission of the State Council, 8
- strong, 122–5, 126, 128
  - bargaining power, 130
- weak, 122, 130–1
- strong SOEs, 122–5, 126, 128, 130
- Suharto, allies of, 13
- suppression, 13, 14, 23, 35, 70, 71, 72, 75, 76, 77, 122–3, 125, 131, 146
  - in waste incineration plants, 146, 148, 150, 151–2, 155, 157
- sustainable development, 10, 36, 38, 39, 55, 56, 83
  - economic growth and, 167–8
  - local officials' incentives, alignment of, 165, 168–71
  - private investors, 165
  - visibility projects, sustainability of, 52–5, 63–5
- target responsibility system, 58–9, 60–2, 165
- Three North Shelterbelt Project, 52–3
- Tiananmen protest, 27
- top-down evaluation, 59–60, 62–3
- urban bus sector, 32–3, 65, 83, 162, 174
  - aesthetically pleasing buses, 85, 113
  - air-conditioned buses, 99–100
  - deprivatization of, 79–80, 81–3, 88–93
    - bureaucratic fragmentation for, 112–13
  - extra-contract demands, 85–6
  - fiscal health, 90
  - government franchising in, 81
  - LPG buses, 85, 86, 100–2, 104, 106, 107
  - marketization of, 80–1
  - new energy buses, 85, 98, 102, 105, 108–9, 111, 113
  - ownership change in, 82
  - privatization and contracting out in, 33, 80–1
  - profitability percentage in, 33
  - public transportation system upgrade, 79
  - visibility projects in, 113–14
    - bus beautification projects, 84–5, 89
  - Bus Rapid Transit (BRT) systems,
    - construction of, 86–7, 89, 99, 102–5, 106, 108
  - bus upgrade projects, 85–6, 89
  - cost of, 87

- urban bus sector (cont.)
  - deprivatization, effects on, 88–93, 180–1, 183–4
  - effect on private firms' survival, 87–94
  - Guangzhou and Nanning. *See* Guangzhou's bus sector; Nanning's bus sector
  - justification for launching, 83–4
- Vishny, Robert W., 23
- visibility projects, 10, 12–13, 15, 18–19, 83, 159, 168, 170
  - authoritarian origin of, 58–63
  - budget constraints and, 20–1
  - for career advancement, 42, 44
  - definition, 41
  - development projects *vs.*, 54
  - Du's bridge and undersea tunnel project in Qingdao city, 42–3
  - economic efficiency of, 55
  - evolutions in, 55–6
  - features of, 44, 54–5
    - ambiguous policy directives, engagement with, 45–8
    - efforts beyond requirement, 44–5
    - principal's preferences over bottom-up demands, prioritizing, 48–52
    - sustainability, lack of, 52–5
  - pork barrel project *vs.*, 51–2
  - Potemkin village projects *vs.*, 44–5
  - purpose of, 13, 41, 44, 47, 54
  - rent-seeking projects *vs.*, 47–8
  - in robotics industry, 51
  - short-sighted local officials' effects on, 53–4
  - target audience, 41, 42
    - direct benefits to, 52
  - Three North Shelterbelt Project, 52–3
  - trends in China, 55–6
  - unsustainability to private firms, 63–5
  - in urban bus sector. *See* urban bus sector, visibility projects in
  - in waste incineration sector, 128–9
  - white elephant project *vs.*, 51–2
- voluntary nationalization, 27–8
- waste incineration plants, 32, 115, 116, 117, 155, 166
  - build-operate-transfer (BOT) contract, 118
  - data fabrication and punishment for illegal acts, 124–5
  - electricity generation in, 117
  - environmental impact assessment (EIA) of, 124
  - firm choice and protests, quantitative analysis, 131–4, 185–6
  - correlation between, 134–6
  - path dependence, 137–8
  - plant capacity and firm choice, 136–7
  - firms' type and political capital, 122
    - bargaining powers, 129–30
    - environment violations by firm type, 126–8
    - private firms, 122, 125–30
    - strong SOEs, 122–5, 126, 128, 130
    - weak SOEs, 122, 130–1
  - high-profile protests against, 119–22, 156
  - appeasement strategies, 125–8
  - concession, 128
  - persuasion, 126–8
  - suppressing, 122–3
  - temporary shut down of plants, 128
  - methane production in, 116
  - number of plants by years, 117–18
  - private firms in, 119
  - Qinhuangdao. *See* Qinhuangdao incineration plant
  - visibility projects in, 128–9
  - in Wuxi. *See* Wuxi incineration plants and protests
- waste treatment plants, 32–3
- waste-to-energy (WtE) projects, 116–17
- wastewater treatment, 48, 66–8
  - ambiguous policy directive with visibility projects, 47
- Jade City's, 37–41
- weak SOEs, 122, 130–1
- Weiming, 148, 153
- white elephant project, 51–2
- Wintrobe, Ronald, 160
- WtE projects. *See* waste-to-energy (WtE) projects
- Wuxi incineration plants and protests, 139–40
  - first plant by weak SOE, 140–1
  - Qinhuangdao incineration plant *vs.*, 150–1
  - appeasement strategy, 154
  - paying for costs incurred from suspension, 154
  - political capital, 152–4
  - rule of law, 151
  - state capacity in suppressing protests, 151–2

- second plant by local SOE and private firms, 141–3
- third plant by central SOE Enfi, 143–7, 152–3
  - China Everbright Group with, 147
  - firm choice, 143–4
  - illegally forge signatures from residents, 144–5
  - investment and treatment capacity, 143
  - resident's resistance and protests against, 145–7
- Xian, Weixiong, 107
- Xiaoping, Deng, 26, 28
- Xu, Bingsong, 110
- Yang, Weize, 141, 142, 143
- Yu, Yuanhui, 110
  - Beautiful Nanning campaign, 110–11
- Zhang, Guangning, 107
- Zhu, Xiaodan, 107–8