

なぜ中国は環境破壊を止められないのか 原注リスト

本文に収録できなかった原注です。

日本語版への序文

注

- 1 “Bloomberg, The Chinese companies polluting the world more than entire nations,” October 24, 2021.
- 2 Xi, Jinping. 2020. “Full Text: Xi Jinping’s Speech at the General Debate of the 75th Session of the United Nations General Assembly,” CGTN, 23 September.
- 3 Li, Yifei, and Judith Shapiro. 2020. *China Goes Green: Coercive Environmentalism for a Troubled Planet*. Cambridge, UK: Polity Press. The quote is from the publisher’s online book description.
- 4 IEA, CO2 emissions in 2023; “Japan’s greenhouse gas emissions fall 2.5% in FY22/23 to record low,” Asahi Shimbun, April 12.
- 5 IMF, <https://www.imf.org/en/Publications/WEO/weo-database/2023/April/groups-and-aggregates>; IEA, CO2 emissions in 2023, Figure 7.
- 6 Lauri Mäyllyvirta, “Analysis: Record drop in China’s emissions needed to meet 2025 target,” Carbon Brief, February 22, 2024; Zeke Hausfather et al., “Analysis: Growth of Chinese fossil CO2 emissions drives new global record in 2023,” Carbon Brief, May 12, 2023.
- 7 From 2.5 Billion tons to 12.6 Bt: Our World in Data, IEA, “Energy-intensive economic growth, compounded by unfavorable weather, pushed up emissions in China and India,” 2023.
- 8 Ian Tseo, “Carbon dioxide emissions in the United States 1975-2023,” Statista, March 28, 2024.
- 9 Rhodium, “Report: China emissions exceed all developed nations combined,” BBC, May 7, 2021.
- 10 IEA, “The changing landscape of global emissions,” IEA (2024), CO2 Emissions in 2023, IEA, Paris; Rich Miller and Enda Curran, “US

- extends lead over China in race for world's biggest economy," Bloomberg, January 25, 2024.
- 11 Harry Stevens, "The United States has caused the most global warming. When will China pass it?" Washington Post, March 1, 2023.
 - 12 Lauri Myllyvirta, "China permits two new coal power plants per week in 2022," CREA, February 27, 2023.
 - 13 Lauri Myllyvirta, "Analysis, record drop in China's CO₂ emissions needed to meet 2025 target," Carbon Brief, February 22, 2024.
 - 14 Xuyang Dong, "2023 China electricity mix yearly review," Climate Energy Finance, January 30, 2024, 1-2.
 - 15 S&P Global, "China adds 14% of the world's total solar capacity in 2023 alone," 2024.
 - 16 Ibid. and Yujie Xue, "China's wind and solar power generation capacity to surpass coal in 2024," South China Morning Post, February 1, 2024.
 - 17 S&P Global, "Coal still accounted for 60% of China's electricity in 2023; CEC," January 31, 2024.
 - 18 Dong, op cit.; John Kemp/Reuters, "China electricity generation, selected indicators," November 24, 2023.
 - 19 Dong, op cit. Figures 2&3; EIA/Climate Central, "A decade of growth in solar and wind power," April 3, 2024.
 - 20 EMBER, Brazil, May 2024, <https://ember-climate.org/countries-and-regions/countries/brazil/>; Kevin Damasio, "Solar power is booming in Brazil. Can it be a boom for all?" Dialogue Earth, June 14, 2024.
 - 21 Nick Ferris, "The world's top ten solar superpowers," March 26, 2024.
 - 22 Climate Council, "11 countries leading the charge on renewable energy," Climate Council, August 15, 2022; Sam Meadows, "Uruguay's green power revolution: rapid shift to wind shows the world how it's done," Guardian, December 27, 2023.
 - 23 EIA, "Short-term energy outlook," April 9, 2024; EIA, "Electricity explained," June 30, 2023.
 - 24 Zheping Huang, "China is reducing air pollution in its big cities by making it worse in its smaller ones," Quartz, April 20, 2016; Xiaoting Liu et al., "The smog-choked ancient capital: facing Xi'an's air quality issue," Asia Pacific Foundation of Canada, July, 2019; Li Jing, "Where in China can you find the worst air pollution? You might be surprised," South China Morning Post, April 20, 2016.
 - 25 Dayani Lewis, "Air pollution in China is falling – but there is a long way to go," Nature, May 1, 2023.
 - 26 Qiao Qiner, "Smog wreaths northern China as country burns coal to fire economy," Radio Free Asia, November 2, 2023.
 - 27 2021 *World Air Quality Report: Region & City PM_{2.5} Ranking*, 12; Earth.org, "5 pressing environmental issues China is dealing with in 2024," January 17, 2024.

- 38 Leslie Hook, "China smog cuts 5.5 years from average life expectancy, study finds," *Financial Times*, July 8.
- 39 Yanzhong Hong, *Toxic Politics* (Cambridge: CUP 2020); Mandy Zuo, "Airborne baby killer: 64,000 die in womb each year as a result of
- 40 polluted air in China despite official efforts to tackle problem," *South China Morning Post*, December 4, 2022.
- 41 Deborah Tan, "The War on Water Pollution," *CWR*, March 12, 2014.
- 42 State Council, *Action Plan for Prevention and Control of Water Pollution*, 2015; Debra Ten, "Water Ten: Comply or Else," *CWR*, May 14,
- 43 2015; China Water Risk, "New 'Water Ten Plan' to safeguard China's waters," April 16, 2015; Xiaoming Shi, "The safety of drinking water
- 44 in China: current status and future prospects," *China CDC Weekly*, March 27, 2020.
- 45 Department of Commerce, *China-Country Commercial Guide, Environmental Technology*, April 7, 2024.
- 46 Deborah Tan, "Groundwater Crackdown—Hope Springs," *CWR*, July 11, 2013.
- 47 Stéphanie Monjon, Élodie René, "The New Tools of Environmental Governance in China: Top Down Control and Environmental Credit,"
- 48 Sep 2021, 138-146; China Water Risk staff, "MEP shamed 56 companies for polluting North China Plain with seepage wells," *CWA*, May
- 49 22, 2024.
- 50 China Water Risk, "2020 State of Ecology & Environment Report Review," *CWR*, June 18, 2021.
- 51 Greenpeace, "With poor oversight, China's industrial parks no match for illegal wastewater dumping," *Greenpeace East Asia*, May 21,
- 52 2019.
- 53 Reuters staff, "China says some regions 'seriously below water quality targets' amid push to clear up major rivers," *Reuters*, December 4,
- 54 2019.
- 55 Echo Xie, "Nearly 100 million Chinese people supplied drinking water with 'unsafe' levels of toxic chemicals," *South China Morning*
- 56 *Post*, January 16, 2021.
- 57 Xuefeng Chen, "Conflict between urbanization and water environmental protection: Lessons from the Xiangjiang River Basin in China,"
- 58 *Water Research*, March 15, 2024.
- 59 Nicole Eckley Selin and Sae Yun Kwon, "Another problem with China's coal: mercury in rice," *South China Morning Post*, May 17.
- 60 Y.T. Shao et al., "Food safety and government regulation rural China," *Journal of Agriculture and Food Research*, September 2021; Ralph
- 61 Jennings, "Taiwan rejects tonnes of dioxin-hidden hairy crabs from mainland China ahead of Lunar New Year feasts," *South China Morning*

- Post, January 4, 2024.
- 42 Yanzhong Huang, “Are China’s chickens contaminating America’s plates?” Foreign Policy, November 16, 2017.
- 43 Louise Moon, “China’s parents haunted by melamine baby milk scandal still favour foreign brands,” South China Morning Post, February 22, 2022 (my italics).
- 44 Yanzhong Huang, *Toxic Politics: China’s Environmental Health Crisis and its Challenge to the State* (Cambridge: CUP, 2020), 31, 38-39.
- 45 Ibid, 36-38-39.
- 46 Ibid, 41-48. Also Avraham Ebenstein, “Water pollution and digestive cancers in China,” Population Association of America papers, 2009; Tan Ec Lyn, “China’s ‘cancer villages’ bear witness to economic boom,” Reuters, September 16, 2009.
- 47 Yanzhong Huang, “In China, food safety is threatened by an increasingly opaque political system,” South China Morning Post, January 10, 2021; idem, *Toxic Politics*, chapter 1.
- 48 Ji Siqi, “China targets wasted production in critical sectors to curb pollution, ease overcapacity,” South China Morning Post, May 30, 2024; Amanda Lee, “China’s Xi Jinping cautions against energy overload at meeting,” South China Morning Post, May 28, 2024.
- 49 Katinka Fürst and Yidi Feng, “China’s regulatory response to plastic pollution,” Marine Pollution, November 18, 2022; Yuhie Xue, “Plastics crisis : China must lead in slashing Usage, boosting, recycling, or world output will double by 2050, report says,” South China Morning Post, February 28, 2023.
- 50 Steve Trent, “China’s illegal fishing is also a human rights issue,” World Politics Review, May 6, 2024.
- 51 *Green Capitalism: The God That Failed* (WEA, 2020).
- 52 R. Li et al., “Does the Central Environmental Inspection actually work,” Journal of Environmental Management, 253, 2020; G. Kosla and J. Nahm, “Central-Local Relations: Recentralization and Environmental Governance in China,” China Quarterly, 231, 2017; Bloomberg, “Chinese companies polluting more than entire nations,” op cit.; Siyi Liu and Dominique Patton, “In China’s lithium hub, mining boom comes at a cost,” Reuters, June 14, 2023; Antonia Timmerman, “The dirty road to clean energy: How China’s electric vehicle boom is ravaging the environment,” Rest of World, November 2022.
- 53 Op cit., 2-3.
- 54 CGTN, “China to double down on efforts in fight against pollution in 2023” .

- 55 See also my “Why China cannot decarbonize,” *Made in China Journal*, July–December 2022.
- 56 “Climate arsonist Xi Jinping: a carbon-neutral China with a 6% growth rate?” *real-world economics review*, no. 94, December 9, 2020.
- 58 NASA, *Earth Matters*, June 14, 2019; Statista, “Average monthly carbon dioxide (CO₂) levels in the atmosphere worldwide from 1990 to 2024”.
- 59 Sarah Kaplan, “World is on brink of catastrophic warming, U.N. climate change report says,” *Washington Post*, March 20, 2024; Alan Morten, “The latest IPCC report makes it clear no new fossil fuel projects can be opened. That includes us, Australia,” *Guardian*, March 21, 2023.
- 60 (Bloomberg 2017; van Wyk 2020; Smith 2020a: Ch. 7); Elaine Yau, “Unsustainable living: how crazy light shows are damaging China in the name of tourism,” *South China Morning Post*; Xu Leiqing, “Reclaiming China’s night skies,” *Sixth Tone*, October 2, 2024.
- 61 *Green Capitalism: The God That Failed* (WEA, 2016).
- 62 *Slow Down: the Degrowth Manifesto* (New York: Astra House, 2024).
- 63 Tom Philips, “Beijing rejects tribunal’s ruling in South China Sea case,” *Guardian*, July 12, 2016.
- 64 Shaoyu Yuan, “Tracing China’s diplomatic transition to wolf warrior diplomacy and its implications,” *Nature*, November 18, 2023.
- 65 Li Yuan, “China’s latest power move: control what people wear,” *New York Times*, September 11, 2023.
- 66 Barry Naughton, “Chinese State Capitalism: Diagnosis and Prognosis” *CSIS*, October 2021, 3; and *idem*, “The Rise of China’s Industrial Policy (Universidad Nacional Autónoma, 2021) 46–47, 66–67.
- 67 Nicholas R. Lardy, *Markets Over Mao* (Washington D.C.: Peterson, September 2014), Introduction.
- 68 Deng Xiaoping, *Fundamental Issues in Present-Day China* (Beijing: Foreign Language Press, 1987), p.13 (my italics).
- 69 World Bank, “China’s Special Economic Zones: Experience gained,” n.d.
- 70 Lardy, *op cit*. 85.
- 71 Oil and Gas, “Tom 10 oil companies in the world 2022,” July 28, 2022.
- 72 Katsuji Nakazawa, “Analysis: Xi, not Trump, started on path to decoupling,” *Nikkei Asia*, April 20, 2023.
- 73 Natsumi Kawasaki, “Eclipsed by Chinese rivals, Panasonic quits solar cells and panels,” *Nikkei Asia*, January 31, 2021.
- 74 Tania Branigan, “China’s Hu Jintao warns congress corruption could cause fall of the state,” *Guardian*, November 8, 2012.

- 75 “China’s Charter 08” translated by Perry Link, New York Review of Books, January 15, 2009.
- 76 “Document 9: a China File translation,” China File, November 8, 2013.
- 77 习近平的“中国模式” Daniel Fu, “Xi Jinping’s ideologization of the Chinese academy,” The Diplomat, June 22, 2024; Economist, “Xi Jinping’s paranoia is making China isolated and insular,” February 12, 2024.
- 78 Matt Sheehan, “Chinese say they’re living in ‘West North Korea’ after popular U.S. shows banned,” Huffington Post, April 28, 2014.
- 79 “Why China isn’t capitalist (despite the pink Ferraris),” Spectre, August 17, 2020; “Can Xi Jinping’s Chinese Model supplant capitalist democracies and why should Western socialists care?” Part 1, New Politics, November 21, 2023.
- 80 Bloomberg, “Xi remade China’s tech industry in his own image with crackdown,” May 24, 2023.
- 81 Verna Yu, “We in the west were blinded”: China cracks down on business has Maoist roots,” Guardian, May 21, 2023.
- 82 Nectar Gan, “Chinese cities rush to lockdown in show of loyalty to Xi’s ‘zero-Covid’ strategy, CNN, September 5, 2022; James Glanz et al., “How deadly was China’s Covid wave?”, New York Times, February 15, 2023; Rebecca Cohen et al., “China’s refusal to use Western COVID-19 vaccines is making its protest problems even worse,” Business Insider, November 29, 2022.
- 83 Alexandra Stevenson, “China’s male leaders signal to women that their place is in the home,” New York Times, November 2, 2023.
- 84 Li Yuan, “The last generation: the disillusionment of young Chinese,” New York Times, March 24, 2022.
- 85 Jeff Pao, “Youths’ desperate ‘four no’ attitude worries China,” Asia Times, July 13, 2023.
- 86 Nicolas Eberstadt, “China’s collapsing birth and marriage rates reflect a people’s deep pessimism,” Washington Post, February 28, 2023; Fay Yiyang and Chen Jiangyi, “After 3 years of Covid, China’s Gen-Z are mourning their lost future,” Sixth Tone, December 6, 2022.
- 87 “What is China’s 996 work culture that is polarizing its Silicon valleys,” South China Morning Post, June 9, 2021.
- 88 Fay Yiyang and Chen Jiangyi, “After 3 years of Covid, China’s Gen-Z are mourning their lost future,” Sixth Tone, December 6, 2022.
- 89 Nectar Gan and Selina Wang, “At the heart of China’s protests against zero-Covid, young people cry for freedom,” CNN, November 28, 2022.
- 90 Patthom Sangwongwanich et al., “A million Chinese expats are transforming far-flung places,” Bloomberg, January 17, 2024; Reuters, “China barring thousands of citizens foreigners from leaving the country,” Guardian, May 2, 2023.
- 91 Steven Jiang, “Chinese tycoon who criticized Xi Jinping’s handling of coronavirus jailed for 18 years,” CNN, September 22, 2020;

- Guardian reporter in Hong Kong, “Chinese activist detained after calling Xi Jinping ‘clueless’ on coronavirus crisis,” *Guardian*, February 17, 2020; Jonathan Landreth, “Xi Jinping is an idiot and my biggest promoter – writer Liao Yiwu,” *The China Project*, July 16, 2023.
- 92 Peking Review, November 17, 1978.

序章

- 2 Nectar Gan, “Xi Jinping Thought—the Communist Party’s tighter grip on China in 16 characters,” *South China Morning Post*, October 25, 2017; Chris Buckley and Steven C. Meyers, “China’s leader says Party must control ‘all tasks’ and Asian markets slump,” *New York Times*, December 18, 2018.
- 3 Richard Smith, “China’s communist-capitalist ecological apocalypse,” *Real-World Economics Review*, no. 71 (May 2015): 19-63, www.paecon.net/PAEReview/issue71/Smith71.pdf.
- 4 Climate Action Tracker, “Climate Action Tracker global emissions time series: US” (2018); “Climate Action Tracker global emissions time series: China” (2018). ° ゼットを参照のしよ° Jan Ivar Korsbakken et al., “Uncertainties around reductions in China’s coal use and CO2 emissions,” *Nature Climate Change*, March 28, 2016; Chris Buckley, “China burns much more coal than reported, complicating climate talks,” *New York Times*, November 3, 2015.
- 5 “Climate Action Tracker global emissions time series: US” (2018).
- 6 “Climate Action Tracker global emissions time series: EU” (2018).
- 7 Lauri Myllyvirta and Emma Howard, “Globally significant: China’s emissions keep on rising,” *Greenepeace*, September 21, 2018.
- 8 Jess Shackleman, “Xi at Davos urges Trump to stay in ‘hard won’ Paris climate deal,” *Bloomberg*, January 16, 2017; Sam Geall, “Clear waters and green mountains: Will Xi Jinping take the lead on climate change?” *Lowy Institute*, November 16, 2017.
- 9 United Nations Intergovernmental Panel on Climate Change (UN IPCC), “Global Warming of 1.5 °C” (October 2018).
- 10 United Nations (UN), “Adoption of the Paris Agreement” (December 2015), 2.
- 11 次の記事中の双方向チャートを参照のしよ° Brad Plummer and Nadia Popovich, “Here’s how far the world is from meeting its climate goals,” *New York Times*, November 6, 2017. ゼットを参照のしよ° “Climate Action Tracker global emissions time series: US” (2018).
- 12 Pep Canadell et al., “Carbon emissions will reach 37 billion tonnes in 2018, a record high,” *Phys.org*, December 6, 2018; Brady Dennis

- and Chris Mooney, “We are in trouble!: Global carbon emissions reached a record high in 2018,” *Washington Post*, December 5, 2018; Li Jing, “Global carbon emissions rise in 2017, driven by China,” *Climate Home News*, November 13, 2017.
- 14 “Climate Action Tracker global emissions time series: China” (2018).
- 15 林民強の言葉がズレないの理由 Wu Yixiu, “Is coal power winning the U.S.-China trade war?” *China Dialogue*, October 12, 2019; Michael Forsythe, “China cancels 103 coal plants, mindful of smog and wasted capacity,” *New York Times*, January 18, 2017; Michael Lelyveld, “China adds coal capacity despite pledge to cut,” *Radio Free Asia*, April 15, 2019; Christine Shearer et al., “Tsunami warning: Gar China’s central authorities stop a massive surge in new coal plants caused by provincial overpermitting?” (CoalSwarm, September 2018); Adam Vaughan, “Satellite images show ‘runaway’ expansion of coal power in China,” *Guardian*, September 26, 2018; Michael J. Coren and Daniel Wolfe, “China’s provinces are secretly building coal plants in defiance of the national government,” *Quartz*, September 30, 2018; “China’s top coal province defies Beijing, allows new coke projects: Ministry,” *Reuters*, May 6, 2019; Lauri Myllyvirta, “China’s power industry calls for hundreds of new coal power plants by 2030,” *Greenpeace*, March 28, 2019.
- 16 Wu Yixiu, “Is coal power winning?” ズレない理由 Wu Wenyuan, “China’s ‘clean coal’ power: A viable model or cautionary tale?” *China Dialogue*, June 27, 2017.
- 17 Fang Hao, “China’s coal consumption is on the rise,” *China Dialogue*, March 1; Ren Qiuyu and Zhang Zizhu, “China’s Renewed Embrace of Coal Power Bucks Global Trend,” *Caixin*, April 2, 2019.
- 18 Christine Shearer et al., “Out of step: China is driving the continued growth of the global coal fleet” (Global Energy Monitor, November 2019); “China’s unbridled export of coal power seen as imperiling climate goals,” *Japan Times*, December 6, 2018; Beth Walker, “China Stokes coal growth,” *China Dialogue*, September 23, 2016; Jonathan Watts, “Belt and Road summit puts spotlight on Chinese coal funding,” *Guardian*, April 25, 2019.
- 19 “Hope for global solar boom turning to bust as China underwhelms,” *Bloomberg*, November 1, 2019.
- 20 Lauri Myllyvirta, “China’s CO₂ emissions surged in 2018 despite clean energy gains,” *Greenpeace*, February 28, 2019; Zach Boren, “Dramatic surge in China carbon emissions signals climate danger,” *Greenpeace*, May 30, 2018.
- 21 Corinne Le Quééré et al., “Global carbon budget 2018,” *Earth Systems Science Data*, vol. 10, no. 4 (December 2018): 2141-2194; Kendra Pierre-Louis, “Greenhouse emissions accelerate like a ‘speeding freight train’ in 2018,” *New York Times*, December 5, 2018; R. B. Jackson et

- al., "Global energy growth is outpacing decarbonization," *Environmental Research Letters*, vol. 13, no. 12 (December 2018); Glen Peters et al., "Guest post: China's CO2 emissions grew slower than expected in 2018," *Carbon Brief*, March 5, 2018.
- 22 Lauri Myllyvirta, "Guest post: Why China's CO2 emissions grew by 4 percent during the first half of 2019," *Carbon Brief*, September 5, 2019.
- 23 United Nations Environment Program (UNEP), "Emissions gap report 2019" (November 2019); "China avoids call for bold action as climate warnings escalate," *Bloomberg*, November 27, 2019.
- 24 中国vs美国のGDP比較 "China vs. United States—a GDP comparison," *MGM Research*, December 21, 2018.
- 25 British Petroleum (BP), "BP Statistical Review of World Energy 2018" (June 2018); Alister Doyle, "China to surpass US as top cause of global warming," *Reuters*, April 13, 2015; Robert Rapier, "China emits more CO2 emissions than the US and EU combined," *Forbes*, July 1, 2018.
- 26 Environmental Investigation Agency (EIA), "Blowing it: Illegal production and use of banned CFC-11 in China's foam blowing industry" (July 2018); "High-flying whodunit: Someone in East Asia is cheating on the 1987 Montreal ozone treaty, pumping out huge amounts of banned CFC gas," *South China Morning Post*, May 17, 2018; Feng Hao, "Ozone-depleting substances test China's commitment to global treaty," *China Dialogue*, August 22, 2018.
- 29 Silvio Marcacci, "Cheap renewables keep pushing fossil fuels further away from profitability—despite Trump's efforts," *Forbes*, January 23, 2018.
- 30 Chris Mooney, "California, 17 other states sue Trump administration to defend Obama-era climate rules for vehicles," *Washington Post*, May 1, 2018.
- 31 中国の資源の状況 William Laurance, "The dark legacy of China's drive for global resources," *Yale Environment 360*, March 28, 2017; Giles Hosch, "China bottom of illegal fishing index," *China Dialogue*, April 16, 2019; Isabella Kaminski, "Ghana's fish stocks decimated by illegal fishing," *China Dialogue*, October 12, 2018; Environmental Justice Foundation (EJF), "China's hidden fleet in West Africa: A spotlight on illegal practices within Ghana's industrial trawl sector" (October 2018).
- 32 Craig Simons, *The Devouring Dragon: How China's Rise Threatens Our Natural World* (New York: St. Martin's Press, 2013), 73.
- 33 William Laurance, "China's appetite for wood taking a heavy toll on forests," *Yale Environment 360*, November 17, 2011; Thais Lazzeri,

- “Chinese demand for Brazilian beef raises deforestation risk,” *Diálogo Chino*, March 27, 2019.
- 34 Eileen Guo, “Chinese consumers’ crazy rich demand for rosewood propels drive toward its extinction,” *South China Morning Post*, September 29, 2018.
- 35 Steven Lee Myers, “Ravaging faraway forests while protecting trees at home,” *New York Times*, April 10, 2019; Zhang Chuan, “Rapid decline of China’s wetlands threatens mass extinction of rare birds,” *China Dialogue*, October 20, 2015.
- 36 Laurance, “China’s appetite.”
- 37 Rachael Bale, “Poached for its horn, this rare bird struggles to survive,” *National Geographic*, September 2018; Simons, *Devouring Dragon*; Kate Whitehead, “Saving rhinos: South Africa’s fight against Chinese demand for horns that’s pushing species to extinction,” *South China Morning Post*, May 26, 2018; Aron White, “EIA: China’s tiger farms are a threat to the species,” *China Dialogue*, June 15, 2017; Vivienne L. Williams, “Tiger-bone trade could threaten lions,” *Nature*, July 15, 2015; Zhang Qiteng et al., “Eating habits in South China driving endangered animals to extinction,” *China Dialogue*, December 18, 2012; Feng Yongfeng, “Market trade is fueling the killing of migratory birds in Northern China,” *China Dialogue*, December 10, 2012; Tiffany May, “Seizure of 14 tons of Pangolin scales in Singapore sets a dismal record,” *New York Times*, April 8, 2019; Stephen Nash, “Vietnam’s empty forests,” *New York Times Magazine*, April 1, 2019; Jonathan Watts, “Taking wildlife off the menu,” *China Dialogue*, June 4, 2009; “Last female Yangtze giant softshell turtle dies,” *China Daily*, April 14, 2019; Sebastian Strangio, “Wealthy Chinese are literally eating this exotic mammal into extinction,” *PRI.org*, October 20, 2014.
- 38 Zhu Dongjun, “Newly-aired documentary film presents an amazing, confident China,” *People’s Daily*, March 5, 2018. 中国纪录片的自信
- 39 Tianyu M. Fang, “‘Amazing China’, a documentary extolling Xi Jinping, is the movie that officials want people to love,” *SuperChina*, March 16, 2018.
- 40 Javier C. Hernandez, “China reverses ban on rhino and tiger parts in medicine, worrying activists,” *New York Times*, October 29, 2018; “Only in emergency: China waters down its ban on the use of tiger and rhino parts,” *The Economist*, November 3, 2018; “State-sponsored quackery: China is ramping up its promotion of its ancient medical arts,” *The Economist*, September 2, 2017.
- 41 Robert Wilson, “America versus China: The new reality of global energy,” *Energy Collective*, May 12, 2014.
- 42 Joseph Kahn, “China quick to execute drug official,” *New York Times*, July 11, 2007.
- 43 “Chinese local governments are planning enough housing for 3.4 billion people by 2030,” *Shanghaiist*, July 19, 2016; “New ‘ghost cities’

typify out-of-control planning," *China Dialogue*, November 15, 2015.

第一章

注

- 1 Alexandra Harney, *The China Price: The True Cost of Chinese competitive Advantage* (London: Penguin, 2008), 3.
- 2 Jim Yardley, "Where growth and dysfunction have no boundaries," *New York Times*, June 9, 2011; Vikas Bajaj, "A high-tech titan plagued by potholes: Dearth of civil engineers is stifling India's economy," *New York Times*, August 26, 2010; Gardiner Harris and Vikas Bajaj, "As power is restored in India, the 'blame game' over blackouts heats up," *New York Times*, August 2, 2012; Geeta Anand, "India graduates millions but too few are fit to hire," *Wall Street Journal*, April 5, 2011; Preetika Rana, "IKEA's India bet hits thicker of rules," *Wall Street Journal*, February 24, 2016.
- 3 Hart Kumar and Kai Schultz, "In rotten, teetering towers, garbage is piling up in India," *New York Times*, June 11, 2018.
- 4 Ian Marlow, "The world's fastest-growing economy has the world's most toxic air," *Bloomberg*, October 21, 2018.
- 5 Jack Nicas, "A tiny screw shows why iPhones won't be 'Assembled in U.S.A.,'" *New York Times*, January 28, 2019.
- 6 工厂被封锁 中国工人 Nguyem Dong, "Da Nang suspends steel factories after days of pollution protests," *VNExpress*, March 1, 2018; "Vietnamese protesters to maintain blockade of polluting textile factory," *Radio Free Asia*, September 22, 2017.
- 7 Keith Bradsher, "Courting factories in India," *New York Times*, October 15, 2015; Raymond Zhong and Saparishi Duta, "India suffers as workers abandon cities," *Wall Street Journal*, April 14, 2014; "Millions strike in India over government labour reforms," *Al Jazeera*, September 2, 2015.
- 8 Hao Ren, *China on Strike: Narratives of Workers' Resistance* (New York: Haymarket, 2016), Introduction.
- 9 Yaxue Cao, "Chinese authorities orchestrate surprise raid of labor NGOs in Guangdong, arresting leaders," *China Change*, December 10, 2015; "China must release detained crane workers on strike & would-be May 1st protesters," *Chinese Human Rights Defenders*, May 3, 2018; Elaine Hui, "Effort to form union in China meets ferocious repression," *Labor Notes*, September 25, 2018, www.labornotes.org/2018/09/effort-form-union-china-meets-ferocious-repression; Mimi Lau, "Chinese labour rights activists detained as authorities try to shut down silicosis campaign," *South China Morning Post*, March 22, 2019.

- 15 “Made in China? Asia’s dominance in manufacturing will endure. That will make development harder for others,” *The Economist*, May 12, 2015.
- 16 Vaclav Smil, *Making the Modern World: Materials and Dematerialization* (Chichester, UK: John Wiley & Sons 2014), 90.
- 17 “The poetry and brief life of a Foxconn worker: Xu Lizhi (1990-2014),” *Chuang*, October 29, 2014.
- 18 ハーバー『中国貧困絶望工場「世界の工場」のカンパニー』追加ページ「ミットを参照のいふ」 Ania Chan, *China’s Workers Under Assault: The Exploitation of Labor in a Globalizing Economy* (Armonk, NY: M.E. Sharpe, 2001); Ching Kwan Lee, *Against the Law: Labor Protests in China’s Rustbelt and Sunbelt* (Berkeley: UC Press, 2007); Hsiao-Hung Pai, *Scattered Sand: The Story of China’s Rural Migrants* (London: Verso, 2012); Pun Ngai, *Migrant Labor in China* (New York: Polity Press, 2016); Jack Linchuan Qiu, *Goodbye iSlave: A Manifesto of Digital Abolition* (Urbana: University of Illinois Press, 2016); China Labour Bulletin; China Labor Watch.
- 19 Mark Duell, “Forced to stand for 24 hours, suicide prevention nets, toxin exposure and explosions: inside the Chinese factories making iPads for Apple,” *Daily Mail*, January 27, 2012.
- 20 Foxconn Technology Group, “Corporate social and environmental responsibility annual report 2012” (2013), 4.
- 21 Jenny Chan, Mark Selden, and Pun Ngai, *Dying for an iPhone: Apple, Foxconn and the Lives of China’s Workers* (Pluto Press, 2020).
- 22 ミットを参照のいふ Michael Blanding and Heather White, “How China is screwing over its poisoned factory workers,” *Wired*, April 6, 2015.
- 23 “Revolt of the iSlaves—more labour unrest at China’s Foxconn factories,” *Libcom. org*, October 17, 2012; “China: Labour activist jailed for four and a half years for publishing account of Tiananmen crackdown,” *Amnesty International*, July 7, 2017; Andrew Jacobs, “China to investigate death of labor activist,” *New York Times*, June 15, 2012.
- 24 ミットを参照のいふ Robert Foyle Huwrick, “Desperate Chinese turn to mass suicide in protest,” *USA Today*, May 15, 2015; Nectar Gan, “Chinese taxi drivers attempt mass suicide in Beijing during vehicle leasing protest,” *South China Morning Post*, April 4, 2015.
- 25 Jenny Chan, “A suicide survivor: The life of a Chinese worker,” *New Technology, Work and Employment*, vol. 28, no. 2 (2013): 91.
- 26 Ibid., 92. ミットを参照のいふ Heather White and Lynn Zhang, *Complicit* (2017)
- 27 Qiu, *Goodbye iSlave*, 74.
- 28 Jenny Chan et al, “Interns or workers? China’s student labor regime,” *Asia-Pacific Journal*, September 7, 2015. ミットを参照のいふ

- International Trade Union Confederation (ITUC), "ITUC global rights index: The world's worst countries for workers 2015" (2015). 労働組合の国際連合の調査による世界最悪の労働国ランキング 2015. Qiu, *Goodbye iSlave*, 64-67; Chan, "A suicide survivor."
- 33 David Barboza, "A manufacturing model tough to export," *New York Times*, September 20, 2017.
- 34 Geoffrey Crothall, "China's labour movement in transition," *Chinoiserie*, August 13, 2018. 中国の労働運動の発展と変遷について. China Labour Bulletin, "CSB Strike Map,"
- 35 Jenny Chan, "Intern labor in China," *Rural China*, vol. 14 (2017): 82-100; David Barboza and Charles Duhigg, "Foxconn said to use forced student labor to make iPhones," *New York Times*, September 10, 2012; Eva Dou, "China tech factories turn to student labor," *Wall Street Journal*, September 24, 2014; Zhuang Pinghui, "University in China apologises after students forced to do internships at Foxconn," *South China Morning Post*, July 21, 2017; Tom Hancock, Yuan Yang, and Nian Liu, "Illegal student labour fuels JD.com 'Singles Day' sale," *Financial Times*, November 21, 2018.
- 36 Wil Steffen et al, "The trajectory of the Anthropocene: The great acceleration," *The Anthropocene Review*, vol. 2, no. 1 (2015): 81-98.
- 37 Joseph Kahn and Mark Landler, "China grabs West's smoke-spewing factories," *New York Times*, December 21, 2007; William J. Kelly and Chip Jacobs, *The People's Republic of Chemicals* (Los Angeles: Vireo, 2014).
- 38 Basel Action Network (BAN) et al., "Exporting harm: The high-tech trashing of Asia" (February 25, 2012); "China's electronic waste village," *Time*, 2006.
- 39 Jemima Kelly, "When fast fashion jumps on the eco-wagon," *Financial Times*, November 7, 2019.
- 40 Stephanie Vaz, "Why America stopped making its own clothes," *KQED*, May 24, 2013.
- 42 Deborah Drew and Genevieve Yehoume, "The apparel industry's environmental impact in six graphics," *Planet Aid*, August 23, 2017.
- 43 Araz Hachadourian, "The 150-mile wardrobe: A solution for one of the world's most polluting industries," *Truthout*, December 21, 2017.
- 44 Elizabeth L. Cline, "Wear clothes? That's a problem?" *New York Times*, November 4, 2019.
- 45 Ibid.
- 46 Leah Messinger, "How your clothes are poisoning our oceans and food supply," *Guardian*, June 20, 2016.
- 47 Elizabeth L. Cline, *Overdressed: The Shockingly High Cost of Cheap Fashion* (New York: Penguin, 2012), 3, 124-125; "Fabric and your carbon footprint", *O Ecotextiles*, March 10, 2013.

- 48 Alison Moodie, "Can Apple's \$1.5bn green bond inspire more environmental investments?" *Guardian*, March 20, 2016.
- 50 Emma Foehtinger Merchant, "Lithium-ion battery production is surging, but at what cost?" *Green Tech Media*, September 20, 2017; Max Opray, "Nickel mining: The hidden environmental cost of electric cars," *Guardian*, August 24, 2017.
- 51 Niu Yue, "China no. 1 dumper of plastic into ocean," *China Daily*, February 19, 2015. 中国の海を汚染している。 Charles Moore, *Plastic Ocean: How a Sea Captain's Chance Discovery Launched a Determined Quest to Save the Oceans* (New York: Avery, 2011); Edward Humes, *Garbology: Our Dirty Love Affair with Trash* (New York: Avery, 2012).
- 52 Kiera Butler, "Earth to IKEA, what that Pöäng chair really costs?" *Mother Jones*, May/June 2009.
- 55 中国の問題に関する。 Richard Smith, "Essay 2 (2010): Beyond growth or beyond capitalism?" in *Green Capitalism: The God That Failed* (World Economic Association Press, 2016), 38-46.

第三章

注

- 1 中国のエネルギー。 Ariana Eunjung Cha, "Solar energy firms leave waste behind in China," *Washington Post*, March 9, 2008.
- 2 中国のガス。 Erin Chan, "Gas leak at Chinese drug company leaves villagers vomiting and gasping for breath," *South China Morning Post*, June 14, 2018; "Chinese birth defects soar due to pollution: Report", *Reuters*, October 29, 2007; Jim Yardley, "Rules ignored, toxic sludge sinks Chinese village," *New York Times*, September 4, 2006; Catherine Wong, "China pollution scandal: Air, water in school near toxic site normal, say officials," *South China Morning Post*, April 27, 2016; "China targets perfunctory officials in fight against pollution," *South China Morning Post*, June 22, 2018; Zheng Jinran, "Lax anti-pollution efforts highlighted," *China Daily*, February 8, 2017; He Huifeng, "At least five more people detained over Huizhou incinerator protest," *South China Morning Post*, September 15, 2014.
- 4 Noah Smith, "Get used to it, America: You're no longer no. 1," *Bloomberg*, December 18, 2018.
- 5 中国の発展。 "The rise of state capitalism," and "The visible hand," *The Economist*, January 21, 2012.
- 7 "The Chinese miracle will end soon," *Der Spiegel*, March 7, 2005.
- 8 Elizabeth C. Economy and Michael Levi, *By All Means Necessary: How China's Resource Quest is Changing the World* (Oxford: Oxford

- University Press 2014), Chapters 3, 4.
- 6 Ibid.; James West et al., *Resource Efficiency: Economics and Outlook for China* (New York: United Nations Publications, 2013), 7; Chui-Wei Yap, "China iron-ore imports are set to rise," *Wall Street Journal*, February 25, 2014.
- 10 Simons, *Devouring Dragon*, 9, and Chapters 7 and 8.
- 11 Tamara Stark and Sze Pang Cheung, "Sharing the blame: Global consumption and China's role in ancient forest destruction" (Greenpeace, March 2006), 可用な資料あり。Simons, *Devouring Dragon*, 249, Footnote 16.
- 12 資料の引用。Simons, *Devouring Dragon*, 128. 資料が参照の元。Laurence, "China's appetite."
- 13 William Laurence, "China's growing footprint on the globe threatens to trample the natural world," *The Conversation*, December 5, 2017.
- 14 Simons, *Devouring Dragon*, 129.
- 15 Ibid., 132.
- 16 Economy and Levi, *By All Means Necessary*, 64-65, 154-163.
- 19 Environmental Investigation Agency (EIA), "Vanishing point: Criminality, corruption and the devastation of Tanzania's elephants" (2014), 22; Dan Levin, "Report implicates Chinese officials in smuggled Tanzanian ivory," *New York Times*, November 6, 2014; Li Lianxing, Zhao Huanxin, and Beth Walker, "Mongla – Myanmar's gateway for pangolin smuggling into China," *China Dialogue*, January 4, 2016; Damian Kayya, "Investigation: How illegal timber from Cameroon's rainforest could be landing in China's ports," *Greenpeace*, March 21, 2016.
- 20 Li Jing, "China's industrial growth 'a threat to resources,'" *South China Morning Post*, August 3, 2013.
- 21 Brian Wingfield, "China's power problem," *Forbes*, July 7, 2007.
- 22 World Bank, "Water productivity, total (constant 2010 US\$ GDP per cubic meter of total freshwater withdrawal)".
- 23 彼の議論の元が資料あり。Richard Smith, "The Chinese road to capitalism," *New Left Review*, no. 199 (May-June 1993): 55-57.
- 24 だれが資料が参照の元。Lauri Myllyvirta, "China keeps building coal plants despite new overcapacity policy," *Greenpeace*, July 12, 2016; Lucy Hornby, "Greenpeace warns over China's excess power capacity," *Financial Times*, July 12, 2016; Roger Harrabin, "China embarked on wind power frenzy, says IEA," *BBC News*, September 20, 2016.
- 26 Smil, *Making the Modern World*, 91-92. Cui Zheng, "Coastal sprawl and a last stand for wetlands," *Catxin*, December 19, 2014; Tom

- Philpott, "China is turning its fish breeding grounds into smartphone factories," *Mother Jones*, October 21, 2015.
- 27 Smil, *Making the Modern World*, 55.
- 28 ラウリ・ワリビルタのTwitterへの投稿 (二〇一九年四月一三日) にある。
- 29 Feng Hao, "Efforts to cut steel capacity not working," *China Dialogue*, March 2, 2017.
- 30 国務院「国務院 关于《加快培育和發展戰略性新興產業》的決定」(二〇一〇年一〇月), www.gov.cn/jwz/gk/2010-10/18/content_1724848.htm; 国務院「国務院 关于印發《「十二五」國家戰略性新興產業發展規劃》的通知」(二〇一二年七月), www.gov.cn/jwz/gk/2012-07/20/content_2187770.htm; 財政部・國家發展改革委員會「財政部 發展改革委 关于印發《戰略性新興產業發展專項資金管理暫行辦法》的通知」(二〇一二年十一月), http://www.gov.cn/gongbao/content/2013/content_2376208.htm.
- 31 State Council, "Twelfth Five-Year Plan," Chapter 9, Sections 1 and 2.
- 32 Sarah Zheng, "China now has over 300 million vehicles ... that's almost America's total population," *South China Morning Post*, April 19, 2017; M. Wang et al., "Projections of Chinese motor vehicle growth, oil demand, and CO₂ emissions through 2050" (Argonne National Laboratory, December 2006), 36, Table 10; "China auto sales top the world again, hit 28.8 million in 2017," *People's Daily*, January 22, 2018.
- 33 United States Environmental Protection Agency (EPA), "Sources of greenhouse gas emissions" (2017).
- 34 たふさは次の記事の見出しを参照のこと。Stefan Nicola, "Cars become biggest driver of greenhouse gas increases," *Bloomberg*, April 9, 2014.
- 35 Lester R. Brown et al., *State of the World 1990* (New York: Norton, 1990), Chapter 7; Lester R. Brown et al., *State of the World 1991* (New York: Norton, 1991), Chapter 4.
- 36 たふさは以下を参照のこと。Shai Oster, "China traffic jam could last weeks," *Wall Street Journal*, August 24, 2010.
- 37 Liu Qin, "Cars the main culprit for Beijing's smog: gov figures," *China Dialogue*, April 2, 2015; Zhang Chun, "Beijing's car controls not enough to beat the smog," *China Dialogue*, February 2, 2016.
- 38 Richard Smith, "New problems for old: The institution of capitalist economic and environmental irrationality in China," *Democracy and Nature*, vol. 5, no. 2 (1999): 249-274. ニートの論文では、中国におけるモータリゼーションの数多くの様相が検討されている。Lee Schipper and Wei-Shiuen Ng, "Rapid motorization of China: Environmental and social challenges," (October 2004).

- 39 Hua Wang, "Policy reforms and foreign direct investment: The case of the Chinese automobile industry," *Journal of Economics and Business*, vol. 6, no. 1 (2003): 288.
- 40 今の状況をどうにかする必要がある。Richard Smith, "Creative destruction: Capitalist development and China's environment," *New Left Review*, no. 222 (March-April 1997): 1-41.
- 41 次のスキーのシーズンに、スキー客の増加が予想される。Suzi Steiger, "Skiing: Potential 'remains mostly untapped,'" *China Daily*, May 3, 2019.
- 42 だが、スキー客の増加は、中国の観光客の増加に貢献する。Neil MacFarquhar, "Chinese tourists flock to Lake Baikal, Siberia. Local Russians growl," *New York Times*, May 3, 2019.
- 43 Tom Lasseret, "Empty highways," *McClatchy News*, August 24, 2006.
- 44 Liu Rong, "China's top 10 unique bridges, highways and roads," *People's Daily*, August 19, 2015.
- 45 Fang Tian, "Over half of China's glaciers could vanish in 50 years," *People's Daily*, July 19, 2017; Liu Qin, "Cross-border cooperation needed to reduce Himalayan glacier loss," *China Dialogue*, October 18, 2016.
- 46 Qi Xiaome et al., "Empty high-speed rail stations face reckoning," *Catxin*, August 8, 2018.
- 47 Sun Wenjing, "Government throwing money away on bullet trains, expert says," *Catxin*, July 10, 2014.
- 48 王の発言は、中国の高速鉄道の建設が、北京の地下鉄の建設に代わって、88kmの列車の待ち時間と乗客の乗車時間が増えることを示している。Tania Branigan, "Riding Beijing's subway end to end: 88km of queues and crushes on 20p ticket," *Guardian*, September 10, 2014.
- 49 Kevin Lim, "Meaningful probability of a China hard landing: Roubini," *Reuters*, June 13, 2011.
- 50 Frank Tang, "Full speed ahead for China's fast rail network with \$112 billion investment," *South China Morning Post*, January 3, 2018.
- 51 "China to spend over \$1 trillion on planes over next 20 years: Boeing," *Reuters*, September 6, 2017; James Fallows, *China Airborne* (New York: Vintage, 2012), 28-29; David Barboza, "Airports in China hew to an unswerving flight path," *New York Times*, April 3, 2013; "China plan seeks to bolster airports, locally-produced airplanes," *Bloomberg*, January 21, 2013.
- 52 "Analysis: Aviation could consume a quarter of 1.5C carbon budget by 2050," *Carbon Brief*, August 8, 2016, www.carbonbrief.org/aviation-consume-quarter-carbon-budget; Hiroko Tabuchi, "Worse than anyone expected: Air travel emissions vastly outpace predictions," *New York Times*, September 20, 2019.

- 56 UN IPCC, "Aviation and the global atmosphere: A special report of the Intergovernmental Panel on Climate Change," (1999), www.grida.no/climate/ipcc/aviation/index.htm; George Monbiot, *Heat: How We Can Stop the Planet Burning* (Cambridge, UK: Penguin, 2007), 174.
- 58 Monbiot, *Heat*, 182.
- 59 Lisa Baertlein, "Amazon's rising air shipments fly in the face of climate plan," *Reuters*, November 6, 2019.
- 60 Daisy Dume, "Tourism responsible for 8% of global greenhouse emissions, study finds," *Carbon Brief*, May 7, 2018; Gavin Haines and Oliver Smith, "Our desire to see the world is killing it—here's what you can do to help," *Telegraph*, May 8, 2018.
- 61 William Wilkes, "Airlines were supposed to fix the pollution problem. It's just getting worse," *Bloomberg*, March 10, 2019.
- 62 Jasper Becker, *City of Heavenly Tranquility: Beijing in the History of China* (Oxford: Oxford University Press, 2008), Chapters 17 and 18; Qin Shao, *Shanghai Gone: Domicide and Defiance in a Chinese Megacity* (New York: Rowman & Littlefield, 2013); Tom Miller, *China's Urban Billions: The Story Behind the Biggest Migration in Human History* (London: Zed, 2012), 25–30.
- 64 Lin Jinbing, "Looking up: Chinese cities race to build skyscrapers," *Caixin*, April 8, 2015; Esther Fung, "Towering prospect: China seeks tenants," *Wall Street Journal*, January 8, 2014.
- 66 "Years later, CCTV may finally be moving into its headquarters," *Wall Street Journal*, October 20, 2014.
- 67 Manta Badkar, "An eerie tour of the abandoned Chinese amusement park that's finally being torn down," *Business Insider*, May 10, 2013; Alice Yan, "Disney, Ocean World, Legoland...why is Shanghai building so many theme parks?" *South China Morning Post*, June 16, 2017.
- 68 Mandy Zuo, "Stop concreting over prime farmland, China's big cities told," *South China Morning Post*, November 9, 2014; Cui Zheng, "Scientists issue warning over development of coastal wetlands," *Caixin*, November 25, 2014.
- 69 Luna Lin, "Blindly expanding cities is 'like spreading out big pancakes,'" *China Dialogue*, August 30, 2013.
- 70 Wade Shepard, *Ghost Cities of China: The Story of Cities Without People in the World's Most Populated Country* (London: Zed Press, 2015), 34–38.
- 71 Douglas Heaven, "The eerie cities where nobody lives," *BBC News*, February 24, 2017; Damon Richter, "Welcome to Ordos: The world's largest 'ghost city' [China]," *The Bohemian Blog*, February 13, 2014; Holly Krambeck, "Rise of the Chinese ghost town," *World Bank Blog*, July 12, 2010; "China's real estate bubble," *CBS News*, August 11, 2013; Kai Caemmerer, *Unborn Cities* (2016); "China's empty cities," (youtube), George Steinmetz, "Let a hundred McMansions bloom," *New York Times Magazine*, September 21, 2014.

- 72 Laura Mallonee, "The unreal, eerie emptiness of China's 'ghost cities,'" *Wired*, February 4, 2016.
- 73 Melia Robinson, "Surreal photos of China's failed 'city of the future,'" *Business Insider*, May 5, 2017.
- 74 Dominique Fong, "China's ghost towns haunt its economy," *Wall Street Journal*, June 16-17, 2018; Mamtia Badkar, "China's most famous ghost city got even worse in the last 4 years," *Business Insider*, June 9, 2014; Kiyo Dörner, "Checking in on China's ghost cities," *Deutsche Welle*, December 25, 2016.
- 75 Alexandra Stevenson and Cao Li, "'China's Manhattan' borrowed heavily. The people have yet to arrive," *New York Times*, April 10, 2019.
- 76 Rob Schmitz, "China's economic boom leaves a trail of ghost cities," *Marketplace*, June 2, 2014.
- 77 Tom Miller, "Time for a reality check on China's ghost cities," *China Dialogue*, October 8, 2013.
- 78 Hughes, "New 'ghost cities' typify out-of-control planning"; Tom Phillips, "China goes west: A ghost city in the sand comes to life," *Guardian*, March 21, 2017.
- 79 Giles Sabrie, "Caofeidian, the Chinese eco-city that became a ghost-town-in pictures," *Guardian*, July 23, 2014. 鬼城の浮城 (鬼城の浮城)
- 80 Jonathan Kaiman, "China's 'eco-cities': empty of hospitals, shopping centers and people," *Guardian*, April 14, 2014.
- 81 Huang Youqin, "Lack of affordable housing threatens China's urban dream," *China Dialogue*, September 20, 2013.
- 82 "Beijing has built thousands of cheap apartments no one wants," *Bloomberg*, December 12, 2019.
- 83 北京の鬼城の浮城 (北京の鬼城の浮城)
- 84 Yefei Chen, "Chasing ghosts, where is China's next wave of empty 'new towns'?" *South China Morning Post*, February 13, 2015; Steven Lee Myers et al., "China's looming crisis: A shrinking population," *New York Times*, January 17, 2019.
- 85 Alexandra Stevenson and Cao Li, "Rising towers, sinking fortunes," *New York Times*, December 31, 2018; Vincent Fernando, "There are now enough vacant properties in China to house over half of America," *Business Insider*, September 8, 2010; Dinny McMahon, "China's ghost cities and their multibillion-dollar debt are raising concerns," *Australian Financial Review*, April 6, 2018.
- 86 Nik Martin and Jose Qian, "Era of Chinese property speculation 'over,'" *Deutsche Welle*, October 26, 2018.
- 87 "13 officials suspended over 'White House' building scandal," *China Daily*, July 22, 2007. 白宮の浮城 (白宮の浮城) Bianca Bosker, *Original Copies: Architectural Mimicry in Contemporary China* (Honolulu: University of Hawaii Press, 2013).
- 88 Chris Buckley, "As China vows austerity, giant brass fish devours \$11 million," *New York Times*, October 12, 2013. 大仏の浮城 (大仏の浮城)
- 89 "Top 12 strange Chinese buildings," (youtube).

- 62 奇尸と鉄壁の謎 "Images: Top 10 weirdest buildings in China," *China Daily*, August 30, 2013.
 63 "China puts up a 6-floor building in 1 day 24 hours," (youtube); "Building a 15 story hotel in 6 days," (youtube); "Chinese build 57-storey
 64 skyscraper in 19 days–timelapse," (youtube); "China speed' amazes world," *People's Daily*, November 30, 2015.
 65 Smil, *Making the Modern World*, 91-92.
 66 Zarathustra, "China's crumbling infrastructure model," *Macrobusiness*, July 28, 2012; Keith Bradsher, "Collapse of new bridge
 67 underscored worries about China infrastructure," *New York Times*, August 24, 2012.
 68 Wade Shepard, "Half the houses will be demolished in 20 years: On the disposable cities of China," *City Metric*, October 21, 2015.
 69 Zheng Fengtian, "Weak buildings threaten life," *China Daily*, April 11-14, 2014.
 70 Frank Langfitt, "Chinese blame failing bridges on corruption," *NPR*, August 29, 2012.
 71 Edward Wong, "China admits building flaws in quake," *New York Times*, September 4, 2008.
 72 "Ai Weiwei–the Sichuan earthquake & 90 tons of steel," *Public Delivery*, June 26, 2019.
 73 *Disturbing the Peace* (2009), directed by Ai Weiwei; "What is Ai Weiwei doing with 9000 children's backpacks?" *Public Delivery*, August
 74 14, 2013.
 75 Mimi Lau, "Dying for China's economic miracle: Migrant workers ravaged by lung disease, fighting to pay for their funerals," *South China
 76 Morning Post*, October 10, 2018.
 77 US Congressional Commission on China, "Coal mine safety in China: Can the accident rate be reduced?" (2005), 1.
 78 David Barboza, "Explosion at Apple supplier caused by dust," *New York Times*, May 24, 2011; Andrew Jacobs, "Explosion kills dozens at
 79 eastern China plant," *New York Times*, August 2, 2014; "Death toll from China oil pipeline blast rises to 52, 11 missing," *Xinhua*, November
 80 24, 2013; "Power plant explosion in China kills over 20," *RT News*, August 11, 2018; Austin Ramzy and Javier C. Hernandez, "Explosion at
 81 chemical plant kills 64; employees detained," *New York Times*, March 22, 2019.
 82 Gerry Shih, "After China's deadly chemical disaster, a shattered region weighs the cost of the rush to 'get rich,'" *Washington Post*, March
 83 31, 2019.
 84 "Seven killed in China plant explosion, second deadly blast this month," *Reuters*, March 31, 2019.
 85 Shih, "After China's deadly chemical disaster:"

- yale.edu/search?q=In+China%27s+heartland%2C+a+toxic+trail+leads+from+factories+to+fields+to+food; Kelly and Jacobs, *People's Republic of Chemicals*, 124, 131, and Chapter 7.
- 4 "Film: How China became the world's rubbish dump," *China Dialogue*, May 1, 2014.
 - 5 Yan Shuang, "Being air laden with arsenic, other heavy metals," *China Times*, April 24, 2013; Jake Bleiberg, "China's toxic waste problem is just as bad its notorious air pollution," *Vice News*, March 8, 2016; Tom Phillips, "China's toxic school: Officials struggle to contain uproar over sick students," *Guardian*, April 39, 2016; Chien-min Chung, "China's electronic waste village, a photo essay," *Time*, 2009.
 - 6 江蘇省泰興縣の汚染地° Liang Guorui and He Hanfu, "Long struggle for a cleaner Lake Tai," *China Dialogue*, February 12, 2012; Andrew Jacobs, "Despite persecution, guardian of Lake Tai spotlights China's polluters," *New York Times*, November 23, 2014.
 - 7 Edward Wong, "As pollution worsens in China, solutions succumb to infighting," *New York Times*, March 21, 2013.
 - 8 Chris Buckley and Vanessa Piao, "Rural water, not city smog, may be China's pollution nightmare," *New York Times*, April 11, 2016.
 - 9 中国最大の汚染地° "Nine biggest water pollution disasters in China (since 2010)," *Global Times*, April 15, 2014. 中国最大の汚染地° Judith Shapiros summary in *China's Environmental Challenges* (Malden, Mass: Polity Press, 2012), 50-54. "China's Songhua River suffering near-daily chemical spills," *China Digital Times*, September 11, 2006. 中国最大の汚染地° Li Guang et al., "The denim capital of the world: So polluted you can't give the houses away," *China Dialogue*, August 13, 2013; "River contaminated with cadmium in South China," *Xinhua*, January 21, 2012.
 - 10 Jim Yardley, "Rivers run black, and Chinese die of cancer," *New York Times*, September 12, 2004; An Baijie, "Polluted river flows with carcinogens," *China Daily*, August 8, 2013.
 - 12 Yang Jian, "China river pollution 'a threat to people's lives,'" *Shanghai Daily*, February 17, 2012.
 - 13 Ma Jun, *China's Water Crisis* (Norwalk, CT: EastBridge, 2004), vii; "One third of fish species in Yellow River believed extinct," *People's Daily*, January 16, 2007, [記者] の記事は現在閲覧できないが、次の記事に引用されている。 "30% of Yellow river fish species extinct," *Guardian*.
 - 14 Ma Jun, *China's Water Crisis*, 16.
 - 15 Sun Xiaohua, "Pollution takes heavy toll on Yangtze," *China Daily*, April 16, 2007; Wu Jin, "Experts: Yangtze ecology collapses," October 23, 2013, *China.org.cn*.

- 16 Shai Oster, "Why Chinese dam is forcing yet another mass exodus," *Wall Street Journal*, November 6, 2007; Courtney Verrill, "13 striking photos show how polluted China's water has become," *Business Insider*, March 25, 2016.
- 17 ゼンを参照のうへ" "Slash of trash at the Three Gorges Dam," *Caixin*, July 23, 2010.
- 18 "Floating trash threatens Three Gorges Dam," *China Daily*, January 31, 2015.
- 19 "City water vulnerable to 'cancerous' river," *Xinhua*, May 30, 2006.
- 20 Han Wei, "Officials failing to stop textile factories dumping waste in Qiantang River," *China Dialogue*, January 8, 2013.
- 21 Greenpeace, "Toxic threats: Putting pollution on parade," (2012).
- 22 Greenpeace, "Toxic threats," 18.
- 23 Ibid., 20, 大卒が難関に合格
- 24 Nicola Davidson, "Rivers of blood: The dead pigs rotting in China's water supply," *Guardian*, March 28, 2013; "Upper Yangtze ecology 'collapses,'" *China Digital Times*, October 2013.
- 25 Wu Jiao, "Sea waters 'heavily polluted,'" *China Daily*, January 13, 2007. Beth Walker, "Most of China's coastal waters heavily polluted," *China Dialogue*, March 11, 2015. 沿岸部でひどく取り上げられた同様の報告がゼンを参照のうへ" "Bohai sea drowns in discharged waste," *China Digital Times*, September 14, 2011.
- 27 Cecilia Torajada and Asit K. Biswas, "The problem of water management," *China Daily*, March 5, 2013; Gong Jing and Liu Hongqiao, "Half of China's urban drinking water fails to meet standards," *China Dialogue*, June 6, 2013.
- 28 Chen Jia, "Birth defects soar due to pollution," *China Daily*, January 31, 2009; "China birth defects soar due to pollution: Report," *Reuters*, October 29, 2007.
- 29 Chen Xia, "80% of underground water undrinkable in China," *China.org.cn*, April 11, 2016. Buckley and Piao, "Rural water."
- 30 "Being reservoir unfit even for irrigation," *China Dialogue*, November 29, 2006; "Reservoir that supplies Beijing could contain unsafe levels of lead: Study," *China Dialogue*, July 24, 2015. 華北で持ちこたない地上染への帯水層の汚染。過剰揚水などの圧力に関しつてゼンを参照のうへ" Matt Currell, "The shrinking depths below," *China Dialogue*, March 19, 2012; ゼンを参照のうへ" Zhang Chun, "One tenth of groundwater deserves top grade, admit Chinese officials," *China Dialogue*, June 13, 2013.
- 31 Chris Buckley and Vanessa Piao, "China says 80% of tested wells had water too polluted to drink," *New York Times*, April 12, 2016; Zhou

- Chen and Zhang Yan, "China's tainted soil initiative lacks pay plan," *China Dialogue*, June 2, 2016.
- 32 Lu Hongqiao, "China set to miss safe rural drinking water targets," *China Dialogue*, March 5, 2015; Huang Hao, "Village water supplies in China hit by scarcity and contamination," *China Dialogue*, March 5, 2014.
- 33 Abigail Barnes, "China's bottled water: The next health crisis?" *China Dialogue*, July 22, 2014.
- 34 袁冰 (Yuan Bing), "Bottled water in China - boom or bust?" (China Water Risk, September 2015); Hongqiao Liu, "China's bottled water industry poses new threat to precious resources," *China Dialogue*, January 21, 2016.
- 35 "Nearly half of Chinese provinces miss water targets, 85% of Shanghai's river water not fit for human contact," *Greenpeace*, January 6, 2017; Deng Tingting, "In China, the water you drink is as dangerous as the air you breathe," *Guardian*, June 2, 2017.
- 36 Ibid.
- 37 王久良 (Wang Jiuliang), *Beijing Besieged by Waste* (2011), directed by Wang Jiuliang, (youtube).
- 38 Chen Yifang, "Towers of trash pile up at China's unregulated landfills," *Cairxin*, June 12, 2015.
- 39 Chen Yifang, "Towers," 袁冰 (Yuan Bing), Roma Eisenstark, "China's rural dumping ground," *Cairxin*, May 29, 2015.
- 40 "Crim video shows huge waves of industrial waste that have left scores of missing in China," *Vice News*, December 21, 2015; "Huge rubbish pile threatens to contaminate China lake," *Financial Times*, July 11, 2016.
- 41 Li You, "China's largest dump fills up 20 years ahead of schedule," *Sixth Tone*, November 13, 2019.
- 42 Hannah Ellis-Peterson, "Deluge of electronic waste turning Thailand into 'world's rubbish dump,'" *Guardian*, June 28, 2018; Hannah Beech and Ryn Jirenuwat, "The price of old laptops: Toxic fumes in Thailand's lungs," *New York Times*, December 8, 2019.
- 43 Raymond Zhong and Carolyn Zhang, "Food delivery apps are drowning China in plastic," *New York Times*, May 28, 2019.
- 44 Li Jing, "China produces about a third of waste polluting the world's oceans, says report," *South China Morning Post*, February 13, 2015.
- 45 Zhong and Zhang, "Food delivery apps are drowning China in plastic."
- 46 Zhuang Pinghui, "Thousands protest in central China over waste incineration plant," *South China Morning Post*, July 5, 2019; "Thousands protest waste incinerator plans in Guangdong town," *South China Morning Post*, September 13, 2014; Nectar Gan, "Chinese protest against incinerator plant turns violent," *South China Morning Post*, July 3, 2016.
- 48 Yan Suwen and Li Rongde, "Burning unsorted garbage could cost Beijing billions in health care costs," *Cairxin*, March 24, 2017.

- 49 Anna Baptista, "Garbage in, garbage out: Incinerating trash is not an effective way to protect the climate or reduce waste," *The Conversation*, February 27, 2018; David Klein, "Readers React: Humans make more trash than the Earth can handle. Blame capitalism," *Los Angeles Times*, June 1, 2018.
- 50 Gong Jing, "What's coming out of China's taps?" *China Dialogue*, June 7, 2012.
- 51 Cui Zheng and Liu Zhiyi, "China's urban sludge dilemma: Sinking in stink," *Caixin*, August 8, 2013.
- 52 Cui and Liu, "China's urban sludge"; Yang Dazheng, "China deluged by toxic sludge," *China Dialogue*, July 17, 2016.
- 53 The State Council of the People's Republic of China, "Law of the People's Republic of China on prevention and control of water pollution" (August 23, 2014).
- 54 Zhang Yang, "Dumping toxins in a cloudy legal environment," *Caixin*, April 26, 2016.
- 55 Kelly and Jacobs, *People's Republic of Chemicals*, 165, and Chapters 6-12. 本文の記述と符合する環境汚染のリスクへの参照の日本語
- 56 Steven Zhang, "What Chinese factory bosses really think about environmental protection," *China Dialogue*, August 27, 2013.
- 57 Zhang, "Dumping toxins."
- 58 Ibid.
- 59 Xu Nan, "Poisoned groundwater sparks media storm in China," *China Dialogue*, February 2, 2013; Gao Shengke, "Pumping pollution into China's groundwater," *China Dialogue*, May 29, 2014.
- 60 本文を参照の日本語 Jin Zhu, "Heavy use of chemicals threatens grain output," *China Daily*, July 18, 2011; Narissa Hammink, "Overuse of fertilizers and pesticides in China linked to farm size," *Stanford Earth*, June 17, 2018.
- 61 Chris Buckley, "Rice tainted with cadmium is discovered in southern China," *New York Times*, May 21, 2013. 本文を参照の日本語
- 62 Hongqiao Liu, "The polluted legacy of China's largest rice-growing province," *China Dialogue*, May 30, 2014.
- 63 He Guangwei, "In China's heartland, a toxic trail leads from factories to fields to food." 本文を参照の日本語 Liu, "The polluted legacy."
- 64 下水が混入した灌漑用水からカサネウムなどの重金属に汚染された農地はついに、本文を参照の日本語 Hongqiao Liu, "The poison eaters of Gansu province," *Caixin*, March 1, 2013.
- 65 Nadya Ivanova, "Toxic water: Across much of China, huge harvests irrigated with industrial and agricultural runoff," *Circle of Blue*, January 18, 2013.

- 64 He Guangwei, "In China's heartland, a toxic trail leads from factories to fields to food."
- 65 以下を参照のじゆ。 Sam Geall and Elizabeth Hilton, "Culture of secrecy behind China's pollution crisis," *China Dialogue*; Angel Hu and Andrew Moffat, "China's soil pollution crisis still buried in mystery," *China Dialogue*; "Pollution and health in China: Confronting the human crisis" (September 2014), 73-74, 77-79.
- 66 Lin, "The polluted legacy"; 鄭易生・錢意紅『深度優患 当代中国的可持續發展問題』(北京・今日中国出版社、一九九八年) 8-10.
- 67 "China says more than 3m hectares of land too polluted to farm," *South China Morning Post*, December 30, 2013. 中国の農地の土壤の恐ろしく状況にっうては、以下の三部に分かれた調査シリーズを参照のじゆ。 He Guangwei: "Special report: The victims of China's soil pollution crisis," *China Dialogue*, June 30, 2014; "Special report: The legacy of Human's polluted soils," *China Dialogue*, July 7, 2014; "China faces long battle to clean up its polluted soil," *China Dialogue*, July 14, 2016.
- 68 中華人民共和國環境保護部・国土資源部『全国土壤汚染状況調査公報』(二〇一四年四月)
- 69 Zheng Chun, "China 'lacks experience' to clean up its polluted soil," *China Dialogue*, April 14, 2014; He Guangwei, "China faces long battle."
- 70 "The bad earth: The most neglected threat to public health in China is toxic soil," *The Economist*, June 8, 2017.
- 71 Lu Qin, "China unveils landmark plan to curb water pollution," *China Dialogue*, April 16, 2015.
- 72 Kong Lingyu, "Government announces grand plans for cleaning up nation's pollution," *Caixin*, May 1, 2015, <http://english.caixin.com/2015-05-01/100805752.html>; Zhang Yan and Zhou Chen, "China's tainted soil initiative lacks pay plan," *China Dialogue*, June 20, 2016.
- 73 Liang and He, "Long struggle"; "Rubbish dumped on edge of Lake Tai puts drinking water of millions at risk," *South China Morning Post*, July 11, 2016.
- 75 以下を参照のじゆ。 He Guangwei, "China faces long battle."
- 76 US EPA, "Just the facts — cleaning up Hudson River PCBs" (February 2016).
- 77 Zhang Jirping et al., "The waters of life may turn to poison," *China Dialogue*, March 22, 2007.
- 78 "Soil contamination," *China Daily*, June 14, 2013.

- 79 Tang Hao, "China's food scares show the system is bust," *China Dialogue*, August 31, 2012.
- 80 Laurie Burkitt, "Chinese inspectors find milk with carcinogens," *Wall Street Journal*, December 28, 2011; Zhou Wenting, "Toxic metals common in kids' goods," *China Daily*, December 8, 2011; Gong Jing and Liu Honggiao, "Confronting China's cadmium-laced rice crisis," *Cairn*, June 5, 2013; "Alarm as over 150 pig carcasses found in China's Gan River," *South China Morning Post*, March 19, 2012. 乳児用粉ミルクに含まれる発がん物質について以下を参照のべ。 "China's Hunan Ava Dairy recalls tainted infant formula," *Reuters*, July 23, 2012.
- 81 以下を参照のべ。 "Netizen: List of toxic foods you need to know," *China Digital Times*, September 29, 2008. 以下の例は以下を参照のこと。 周勃『民以何食为天——中国食品安全现状调查』（中国工人出版社 二〇〇七年一月）； "Zhou Qing: punished to save them," *PEN AMERICA* (September 12, 2011), 規制の失敗については以下を参照のべ。 Guangqi Zhou, "The regulatory regime of food safety in China: A systemic not accidental failure" (PhD. diss., University of Adelaide, May 2016).
- 82 Alice Yan, "Apologies won't fix the sorry state of food safety," *South China Morning Post*, April 30, 2011.
- 83 Chris Buckley, "Rat meat sold as lamb highlights fear in China," *New York Times*, May 3, 2013, emphasis added.
- 84 Phoebe Zhang, "Rat in hotpot shocks pregnant woman, shuts down restaurant in eastern China," *South China Morning Post*, September 10, 2018.
- 85 "China pledges to trace origin and crackdown on trade in smuggled, frozen 'zombie meat,'" *South China Morning Post*, July 13, 2015.
- 86 Joseph Kahn, "China quick to execute drug official," *New York Times*, July 11, 2007. 以下を参照のべ。 Gordon Fairclough, "China boosts food-safety oversight, toughens penalties," *Wall Street Journal*, March 2, 2009; Gordon Fairclough, "China sentences two to death in milk scandal," *Wall Street Journal*, January 23, 2009. 以下を参照のべ。 Sharon LaFraniere, "Two executed in China for selling tainted milk," *New York Times*, November 25, 2009; James Areddy, "More tainted-milk cases are highlighted in China?" *New York Times*, January 26, 2020; Sharon LaFraniere, "In China, fear of fake eggs and 'recycled' buns," *New York Times*, May 8, 2011; Laurie Burkitt, "Hundreds in China fall ill: Additive suspected," *Wall Street Journal*, April 26, 2011; Zhou Wenting, "Hundreds captured for illegal additive," *China Daily*, August 30, 2011; Christopher Weaver, "How fake cancer drugs entered the U.S.," *Wall Street Journal*, July 20, 2012. 以下は以下の経緯が繰り返られるのを避けられなかったが、目立った効果はなかった。 以下を参照のべ。 Colum Murphy, "China food-safety crackdown," *Wall Street Journal*, December 28, 2012; Lin Yunshi, "Official fired over milk scandal gets top job in agriculture ministry,"

- Catrin, July 20, 2015.
- 89 Jinshan Hong et al., "Chinese parents panic over infant vaccine safety," *Bloomberg*, July 30, 2018.
- 90 Michael Walsh and Ning Pan, "Chinese rabies vaccine scandal sparks outrage among authorities and public," *ABC News*, July 23, 2018.
- 91 "Milk powder scandal result of lax supervision," *China Daily*, April 8, 2016.
- 92 Edward Wong, "Chinese search for infant formula goes global," *New York Times*, July 25, 2013.
- 93 Bill Birtles, "If China's on the rise, why do many want out?" *ABC News*, September 9, 2018.
- 96 "In China, what you eat tells who you are," *Los Angeles Times*, September 16, 2011.
- 97 Wang Yue, "Polluted farmlands lead to Chinese food security fears," *China Dialogue*, January 7, 2014.
- 100 Tom Philpott, "Why China wants US-grown pork chops," *Mother Jones*, July 30, 2013.
- 101 Wang Yue, "Polluted farmland leads to Chinese food security fears," July 1, 2014; Tom Leftitt, "What are the ecological costs of China's food imports?" *China Dialogue*, September 10, 2010; Beth Hoffman, "How increased meat consumption in China changes landscapes around the globe," *Forbes*, March 26, 2014; John Dearing, "China's polluted soil and water will drive up world food prices," *China Dialogue*, March 3, 2015.
- 102 "You get what you pay for: The hidden price of food from China," *Der Spiegel*, October 17, 2012; Mark McDonald, "Maggots in the pasta: Europe screens tainted Chinese food," *New York Times*, October 21, 2012.
- 104 Elizabeth C. Economy, "The great leap backwards: The costs of China's environmental crisis," *Foreign Affairs*, vol. 86, no. 5 (September-October 2007): 38-59.
- 96 "China's environment ministry finds patchy progress on water and soil pollution," *Reuters*, April 24, 2017.
- 107 たんぱく質' 食品や参照のり' Zheng Jinan, "Land laid waste by coal is reborn as cultural garden," *China Daily*, October 31, 2017; Wang Xiaodong, "Green growth: Organic farms boom across China as awareness of health and concern for environment increases," *China Daily*, July 14-16, 2017; Zhang Youting, "Supplier ensures organic products are authentic," *China Daily*, July 14-16, 2017.
- 108 Luna Lin, "China's water pollution will be more difficult to fix than its dirty air," *China Dialogue*, February 17, 2014; Zhang Chun, "China 'lacks experience' to clean up its polluted soil," *China Dialogue*, April 14, 2014; He Guangwei, "The soil pollution crisis in China: A cleanup presents daunting challenge," *Yale Environment 360*, July 14, 2014.

- 1 引用されたものは David Pierson, "China's smog taints economy, health," *Los Angeles Times*, January 26, 2013.
- 2 Lauri Myllyvirta, "China keeps building coal plants despite new overcapacity policy," *Greenpeace*, July 12, 2016.
- 3 低品質燃料による汚染についての記事を参照のこと。"Where does Beijing's pollution come from?" *China File*, February 3, 2013.
- 5 Edward Wong, "On a scale of 0-500, Beijing's air quality tops 'Crazy bad,'" *New York Times*, January 12, 2013.
- 6 Mia Li, "'Airpocalypse' hits Harbin, closing schools," *New York Times*, October 21, 2013.
- 7 Jonathan Kaiman, "Beijing smog makes city unlivable, says mayor," *Guardian*, January 28, 2015.
- 8 Zheping Huang, "A Chinese artist vacuumed up Beijing's smog for 100 days and made a brick from what he collected," *Quartz*, December 1, 2015.
- 9 "Beijing issues first ever red alert," *China Dialogue*, December 12, 2015.
- 10 "China decries Shenyang pollution called 'worst ever' by activists," *BBC News*, November 10, 2015; Tom Philips, "Smog refugees flee Chinese cities as 'airpocalypse' blights half a billion," *Guardian*, December 21, 2016.
- 11 Eva Li, "Heavy smog continues to choke China's heartland," *South China Morning Post*, January 3, 2017, 2016; Eva Li, "Drone footage showing extent of smog-stricken Beijing's traffic jams leaves viewers gasping," *South China Morning Post*, January 3, 2017; Zhuang Pinghui, "Beijing's 'smog refugees' flee the capital for cleaner air down south," *South China Morning Post*, December 19, 2016; "Chinese flee smog to go on 'lung cleansing breaks' overseas," *South China Morning Post*, January 9, 2017.
- 12 "Beijing air laden with arsenic, other heavy metals," *China File*, April 30, 2013; Feng Hao, "Dirty air takes shine off solar power," *China Dialogue*, October 20, 2017.
- 13 "Chinese anger over pollution becomes main cause of social unrest," *Bloomberg*, March 6, 2013; Liu Qin, "Shanghai residents throng streets in 'unprecedented' anti-PX protest," *China Dialogue*, July 2, 2017.
- 14 Lily Kuo, "China's nightmare scenario: By 2025 air quality could be much, much worse," *Quartz*, March 11, 2013; Wang Yue, "China unlikely to reduce coal use in the next decade," *China Dialogue*, February 10, 2014.

- Simon Gsß, "Overview of China's evolving energy market in 2018," *Energy BrainBlog*, March 13, 2019.
- Simon Gsß, "China's electricity system in 2017: Record PV expansion," *Energy BrainBlog*, February 8, 2018. 西暦 2018 年 2 月 10 日の中国の個人的な連絡による。
- "Introducing Megapack: Utility-scale energy storage," *Tesla.com*, July 29, 2019.
- Xi Lu et al., "Challenges faced by China compared with the U.S. in developing wind power," *Nature Energy* vol. 1, article no. 16061 (2016).
- Jo Harper, "When the wind doesn't blow," *Deutsche Welle*, November 21, 2019.
- Richard Martin, "Germany runs up against the limits of renewables," *MIT Technology Review*, May 24, 2016.
- Feng Wang et al., "China's renewable energy policy: Commitments and challenges," *Energy Policy* 38 (2010), 1873-1874.
- Roger Harrbin, "China embarked on wind power frenzy, says IEA," *BBC News*, September 20, 2016; Joern Huenetler et al., "Why is China's wind power generation not living up to its potential?" *Environmental Research Letters*, 13.4, March 19, 2018.
- Doug Young, "Reports point to failure of China's EV, green power policies," *Renewable Energy World*, September 9, 2016.
- "2016 detailed electricity statistics," *China Energy Portal*, January 20, 2017; Guoliang Luo, "Why the wind curtailment of northwest China remains high," *Sustainability*, no.10 (February 2020): 2-4; Qi Ye et al., "Wind curtailment in China and lessons from the United States" (Brookings-Tsinghua Center for Public Policy, March 2018), 11; Dave Elliot, "Green power curtailment in China," *Physicsworld*, July 17, 2019; Javier C. Hernandez, "It can power a small nation. But this wind farm in China is mostly idle," *New York Times*, January 15, 2017; Kate Gordon and Anders Hove, "How China wastes its renewable energy," *Wall Street Journal*, September 13, 2016.
- Darrin Magee, "Hydropower boom in China and along Asia's rivers outpaces electricity demand," *China Dialogue*, April 28, 2017.
- Coco Liu, "Facing grid constraints, China puts a chill on new wind energy projects," *Inside Climate News*, March 28, 2016.
- Edmund Downie, "Sparks fly over ultra-high voltage power lines," *China Dialogue*, January 29, 2018.
- Ibid.
- Qi Ye, "Wind curtailment in China," 5; Luo, "Why wind curtailment remains high," 4.
- Hernandez, "It can power a small nation."
- Center for Strategic and International Studies (CSIS), "Mapping the U.S-Canada Energy Relationship" (May 2018). Luo, "Why curtailment remains high," 3-4.

- 32 Luo, "Why curtailment remains high," 13; Wang, "China's renewable energy policy," 1873-1875.
- 33 Luo, "Why curtailment remains high," 20-23; Qi Ye, "Wind curtailment in China," 9-10.
- 34 Peter Fairly, "Wind battles coal for access to China's grid," *IEEE Spectrum*, September 20, 2016.
- 35 Luo, "Why curtailment remains high," 6, see also 12-13, 17-18.
- 36 Zhang Yan, "Coal addiction spells trouble for wind power producers," *Caixin*, April 29, 2016.
- 37 Qi Ye, "Wind curtailment in China," 9.
- 38 熊勝如など「新疆自備電」『井噴式』発展藏風険「経済参考報」二〇一七年二月二〇日; Qi Ye, "Wind curtailment in China," 12;
- 39 Luo, "Why curtailment remains high," 13-14; Huw Slater, "Coal power and privilege: China's problems with industry-owned generators," *China Dialogue*, September 5, 2017.
- 40 Qi Ye, "Wind curtailment in China," 13-14.
- 41 Josh Gabbatiss, "Solar is now 'cheaper than grid electricity' in every Chinese city, study finds," *Carbon Brief*, December 8, 2019.
- 42 "China solar installations to slow as subsidy cuts bite: Executive," *Reuters*, September 5, 2019; Liu Bin, "China solar industry struggles through sudden subsidy cuts," *Climate Home News*, October 15, 2018.
- 43 Yin Yijin, "Wind power projects halted in northwest China," *Sixth Tone*, March 12, 2019.
- 44 Michael Standaert, "Why China's renewable energy transition is losing momentum," *Yale Environment 360*, September 26, 2019.
- 45 "Gangplank to a warm future," *New York Times*, July 28, 2013.
- 46 BP, "BP Statistical Review of World Energy 2019" (2019).
- 47 Brad Plumer and Nadja Popovich, "Here's how far the world is from meeting its climate goals," *New York Times*, November 6, 2017.
- 48 "Control methane now, greenhouse gas expert warns," *ScienceDaily*, May 14, 2014; Justin Gillis, "Should we have to choose between two evils: Carbon dioxide vs. methane?" *New York Times*, July 7, 2014; Sabrina Shankman, "Oil and gas fields leak far more methane than EPA reports," *Inside Climate News*, June 21, 2018.
- 49 Zach Boren, "China: CO2 emissions from coal-to-chemical industry set to soar," *Greenpeace*, April 25, 2017; Yue Qin et al., "Air quality, health, and climate implications of China's synthetic natural gas development," *Proceedings of the National Academy of Science*, vol. 114, no. 19 (May 2017): 4887-4892; Matthew Brown, "Converting coal would help China's smog at climate's expense," *Phys.org*, April 24, 2017,

- <https://phys.org/news/2017-04-coal-china-smog-climate-expense.html>; Edward Wong, "China invests in region rich in oil, coal, and also strife," *New York Times*, December 20, 2014; Zhang Chun, "Critics line up against coal-to-gas power in China," *China Dialogue*, August 15, 2014.
- 50 Li Jing, "Where in China can you find the worst air pollution? You might be surprised ..." *South China Morning Post*, April 20, 2016; Liu
- 51 Qin, "China's far west poised to overtake Hebei in a 'most polluted' list," *China Dialogue*, June 15, 2016.
- 52 "China's coal expansion may spark water crisis, warns Greenpeace," *Guardian*, August 15, 2012. 中国の石炭・エネルギー拡大の写実
- 53 参照 中国の石炭・エネルギー拡大の写実
- 54 William J. Kelly, "China's plan to clean up air in cities will doom the climate, scientists say," *InsideClimate News*, February 13, 2014.
- 55 Huang Kaixi et al., "BP bows out of fracking in China," *Cairxin*, April 12, 2019; "China succeeds in mining combustible ice in South China
- 56 Sea," *People's Daily*, May 18, 2017; "Chinese rig starts drilling in Russian Arctic," *Eye on the Arctic*, August 1, 2017; Mia Bennett, "With
- 57 the Polar Silk Road, China's Belt and Road Initiative moves into the Arctic," *Cryopolitics*, June 27, 2017.
- 58 Beth Walker and Liu Qin, "The hidden cost of China's shift to hydropower," *The Diplomat*, July 29, 2015.
- 59 "China's shift from coal to hydro comes at a heavy price," *China Dialogue*, July 27, 2015.
- 60 Dai Qing, *The River Dragon Has Come!* (London: M. E. Sharpe, 1998), Chapter 3.
- 61 Dai Qing, *River Dragon, and Yangtze!* (London: Earthscan, 1994).
- 62 Zhang Chun, "China needs red lines to protect its rivers from hydropower craze," *China Dialogue*, January 1, 2014; David Stanway, "Dam
- 63 nation: China's crackdown spares big state hydropower projects," *South China Morning Post*, September 4, 2018.
- 64 Richard Bernstein, "China's Mekong plans threaten disaster for countries downstream," *Foreign Policy*, September 27, 2017.
- 65 "When the glaciers go: Hydroelectric vulnerability and climate change," *The Climate Examiner*, April 21, 2016.
- 66 Chaoliu Li, "Sources of black carbon to the Himalayan-Tibetan Plateau glaciers," *Nature Communications*, August 23, 2016. 中国の参照
- 67 中国参照
- 68 Liu Qin, "Cross-border cooperation needed to reduce Himalayan glacier loss," *China Dialogue*, October 18, 2016; "Pollution from
- 69 China grounds flights in Tibet," *Telegraph*, December 20, 2013.
- 70 Beth Walker, "Melting permafrost reduces Yangtze River flow," *China Dialogue*, January 27, 2012.

- 66 Fan Xiao, "The 'madcap' scheme to divert the Brahmaputra," *China Dialogue*.
- 67 Tom Fawthrop, "Leaked report warns Cambodia's biggest dam could 'literally kill' the Mekong river," *Guardian*, May 16, 2018; Wan Rong, "Dam-building threatens endangered green peacock," *China Dialogue*, April 24, 2017.
- 68 David Tyler Gibson and Luan Dong, "The environmental impact of China's dam rush," *China Dialogue*, April 7, 2014.
- 69 "Violent protests over development of the Pubugou dam, China," *Environmental Justice Atlas*, February 2, 2018; Peter Bosshard, "Grassroots protests against Chinese dams in Africa," *International Rivers*, February 23, 2011; Hans Nicholas Jong, "Indonesian activists protest China-funded dam in orangutan habitat," *Mongabay*, May 9, 2018; "10 Reasons why climate initiatives should not include large hydropower projects," *International Rivers*, December 3, 2015; Kraisk Choonhavan, "Vietnam demands halt to Mekong dams," *China Dialogue*, June 10, 2014.
- 70 中国环境网 (China Environment Net)° Bihok Bhandari, "China's internet industry causing 'significant' carbon emissions," *Sixth Tone*, September 9, 2019.
- 71 中国环境网 (China Environment Net)° Liu Qin, "Shopping festivals deliver disaster for environment," *China Dialogue*, January 4, 2018; Chen Ronggang, "The mountains of takeout trash choking China's cities," *Sixth Tone*, October 15, 2017; Zhang Chun, "Downsizing China's consumer dream could bring huge carbon cuts, report says," *China Dialogue*, July 6, 2016; Feng Hao, "China's Belt and Road Initiative still pushing coal," *China Dialogue*, May 12, 2017.

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- 2 中国环境网 (China Environment Net)° Michael E. Marti, *China and the Legacy of Deng Xiaoping* (Washington DC: Brassey's, 2001), 94, see also 87, 92, 104.
- 3 http://jp.xinhuanet.com/2017-10/28/c_136711568.htm.
- 5 David Stanway, "A pollution crackdown compounds slowdown woes in China's heartland," *Reuters*, May 23, 2019.
- 6 Laura Parker, "China's ban on trash imports shifts waste crisis to Southeast Asia," *National Geographic*, November 16, 2018; Stephen Leahy, "China's booming middle class drives Asia's toxic e-waste mountains," *Guardian*, January 16, 2017.

- 7 たふべき³ 以下を参照のじふ° “Land laid waste by coal is reborn as cultural garden,” *China Daily*, October 31, 2017; “Wuhan’s Daijia Lake reborn from decades as ash heap mountain,” *China Daily*, June 8-10, 2018.
- 8 “President highlights importance of protecting the environment,” *People’s Daily*, April 21, 2017.
- 11 Smith, *Green Capitalism*.
- 12 Stuart Lau, “Chinese dominate list of people and firms hiding money in tax havens, Panama Papers reveal,” *South China Morning Post*, May 10, 2016; Patti Waldmeir and Tom Mitchell, “Panama Papers: Top officials tied to offshore companies,” *CNBC News*, April 7, 2016.
- 13 “The rise of state capitalism,” *The Economist*, January 21, 2012; “Not just tilting at windmills,” *The Economist*, October 6, 2012; Michael Wines, “China fortifies state businesses to fuel growth,” *New York Times*, August 30, 2010.
- 14 たふべき³ 以下を参照のじふ° Keith Bradsher and Paul Mozur, “China has a plan to be nearly self-sufficient by 2025. Global rivals call it unfair,” *New York Times*, March 8, 2017.
- 15 たふべき³ 以下を参照のじふ° Tom Mitchell, “The door to China’s real investment riches remains locked,” *Financial Times*, March 31, 2015; Jack Marshall, “China’s walled-off promise,” *Wall Street Journal*, June 20, 2017.
- 16 Marti, *China and the Legacy*, 183.
- 17 Ian Jonson, “China’s great uprooting,” *New York Times*, June 15, 2013; Miller, *China’s Urban Billion*; Tom Hancock, “China drive to relocate millions of rural poor runs into trouble,” *Financial Times*, June 13, 2017.
- 19 Cindy Fan, “China’s eleventh Five-Year Plan (2006-2010): From ‘getting rich first’ to ‘common prosperity,’” *Eurasian Geography and Economics*, vol. 47, no. 6 (2006): 708-723.
- 20 “China’s twelfth Five-Year Plan (2011-2015) — the full English version,” *China Direct*, May 11, 2011; 國務院「國務院關於加快培育和發展戰略性新興產業的決定」(二〇一〇年一月十八日)を参照のじふ°
- 21 “China’s twelfth Five-Year Plan (2011-2015) — the full English version.”
- 22 以下の「中国製造2025」のサマエを参照のじふ° <http://english.gov.cn/2016special/madeinchina2025/> Li Keqiang, “Innovation a solid foundation for competitiveness,” transcript of address to the National Science and Technology Awards Conference in January 2017, *China Daily*, January 11, 2017; Jost Wubbeke et al., “Made in China 2025: The making of a high-tech superpower and consequences for industrial countries” (Mercator Institute for Chinese Studies, December 2016); Brasher and Mozur, “China has a plan to be nearly self-

- sufficient by 2025.”
- 23 https://www.gov.cn/zhengce/content/2017-07/20/content_5211196.htm. “Trump targets China’s push to make its economy high-tech,” *Bloomberg*, March 28, 2018
 - 24 Fallows, *China Airborne*, 99. 高鉄の発展のスピード。 Luo Wangshu, “China’s high-speed railway changes civil aviation,” *People’s Daily*, September 12, 2017.
 - 27 Chris Buckley, “China’s new bridges: Rising high, but buried in debt,” *New York Times*, June 10, 2017.
 - 28 Philip Stephens, “A train that proclaims China’s global ambitions,” *Financial Times*, July 20, 2017; Paul Schemm, “Ethiopia has a lot riding on its new Chinese-built railroad to the sea,” *Washington Post*, October 3, 2016; “China transforms smaller Southeast Asian neighbors with railway, power plant and property investment,” *South China Morning Post*, December 6, 2016.
 - 29 Buckley, “China’s new bridge.”
 - 30 Mark DeWeaver, *Animal Spirits with Chinese Characteristics: Investment Booms and Busts in the World’s Emerging Economic Giant* (London: Palgrave, 2012), 77–78.
 - 31 江联武. 中国の経済発展のスピード。 Jinglian Wu, *Understanding and Interpreting Chinese Economic Reform* (Mason, Ohio: Thompson Educational, 2005).
 - 32 Richard Smith, “Class structure and economic development: The contradictions of market socialism in China” (PhD diss., UCLA, 1989); Smith, “The Chinese road to capitalism.” 江联武の中国の経済発展のスピード。 www.richardanthony-smith.org.
 - 33 Minxin Pei, *China’s Trapped Transition: The Limits of Developmental Autocracy* (Cambridge Mass.: Harvard University Press, 2006).
 - 34 Smith, “Class structure,” Chapters 3–5; Smith, “The Chinese road to capitalism”; Bruce L. Reynolds, *Reform in China* (Armonk: M.E. Sharpe, 1987); Wu, *Understanding and Interpreting*, Chapter 4; Pei, *Trapped Transition*; Alexandra Stevenson and Cao Li, “How bad is China’s debt? A city hospital is asking nurses for loans,” *New York Times*, November 10, 2019.
 - 36 中国の経済発展のスピード。 Michael Schuman, “The zombie factories that stalk China’s economy,” *New York Times*, August 30, 2015.
 - 37 中国の経済発展のスピード。 Smith, “The Chinese road to capitalism” 67.
 - 38 Scott Centrowski, “Chinese aluminum giant is tied to a \$2 billion mystery Mexican stockpile,” *Fortune*, September 9, 2016.
 - 39 Frank Langfitt, “China’s white elephants: Ghost cities, lonely airports, desolate factories,” *NPR*, October 15, 2015; Alexandra Stevenson

- Primitive accumulation in Russia and China," *Monthly Review*, vol. 51, no. 9 (February 2000): 1-15.
- 72 He Qinglian, "The land-enclosure movement," 58-59.
- 73 Robin Visser, *Cities Surround the Countryside: Urban Aesthetics in Postsocialist China* (Durham: Duke University Press, 2010), Chapter 1.
- 74 現在の法令はすべてにリス・アップ・やれ 解説やなつる。 Xiao-xi Hu, "The Chinese housing reform and the following new urban question," paper presented at the Fourth International Conference of the International Forum on Urbanism, Amsterdam, 2009. (Xiao-xi Hu) ビー・シー・フーの中国の住宅改革, "384.
- 75 Hu, "The Chinese housing reform," 384.
- 76 Ibid., 387.
- 77 Ibid., 387.
- 78 Ibid.
- 79 Henry Sanderson and Michael Forsythe, *China's Superbank: Debt, Oil and Influence — How China Development Bank is Rewriting the Rules of Finance* (Singapore: John Wiley/Bloomberg Press, 2013), 7, 6.
- 80 Ian Johnson, "Pitfalls abound in China's push from farm to city," *New York Times*, July 23, 2013; Ian Johnson, "China's great uprooting: moving 250 million into cities," *New York Times*, June 15, 2013.
- 81 Sanderson and Forsythe, *China's Superbank*, 7.
- 82 Ian Johnson, "New China cities: Shoddy homes, broken hope" *New York Times*, November 9, 2013.
- 83 Zhao Shuting, "Hubei family reflects on generations of relocation," *Sixth Tone*, March 30, 2018.
- 84 だんぞで ビー・シー・フーの中国の住宅改革, Ian Johnson, "Picking death over eviction," *New York Times*, September 8, 2013.
- 85 Barbara Demick, "Protests in China over local grievances surge, and get a hearing," *Los Angeles Times*, October 10, 2011.
- 86 Miller, *China's Urban Billion*, 27. *Dragons in Diamond Village and Other Tales from the Back Alleys of Urbanising China* (New York: Melville House 2016)
- 87 Jeremy Page and Brian Spegele, "Beijing set to 'strike hard' at revolt," *Wall Street Journal*, December 16, 2011; Cai Wong, "Wukan stirs again," *The Diplomat*, June 30, 2016, <http://thediplomat.com/2016/07/wukan-stirs-again-鳴坎の反乱は他の人々を鼓舞し続けた。以下を参照のよう。> Scott Greene, "Wukan 2.0? Zhejiang villagers protest land grabs," *China Digital Times*, February 8, 2012.
- 88 Johnson, "New China cities."

- 95 Johnson, "New China cities," and "Pitfalls abound."
- 96 Ian Johnson, "In China, once the villages are gone, the culture is gone," *New York Times*, February 1, 2014.
- 97 Shepard, *Ghost Cities*, 17.
- 98 土地取り上げから開発に至る全般的なプロセスについて、*ビルを参照のしよ*。Sanderson and Forsythe, *China's Superbank*, Chapter 1.
- 99 Qin Shao, *Shanghai Gone*; He Qinglian, "The land-enclosure movement"; Stuart Levenworth and Kiki Zhao, "In China, homeowners find themselves in a land of doubt," *New York Times*, May 31, 2016.
- 100 Shepard, *Ghost Cities*, 16. 計画のころに、*ビルを参照のしよ*。Shepard, "Half the houses will be demolished in 20 years."
- 101 Tom Phillips, "China plans to build new city nearly three times the size of New York," *Guardian*, April 4, 2017; Shepard, *Ghost Cities*, Chapter 3; Kruika Pathi, "Is China's latest major construction project destined to be a ghost town?" *Critlab*, May 1, 2017.
- 102 Tan Damin, "Climate change may temper grand plans for Xiong'an," *China Dialogue*, April 7, 2017; Liu Qin, "Water scarcity might be Xiong'an's undoing," *China Dialogue*, April 2017; An Shuwei and An Ran, "Xiongan must test, and save, the waters," *China Daily*, May 12, 2017.
- 103 Chris Weller, "China is building a megacity that will be larger than all of Japan," *Business Insider*, July 22, 2015.
- 104 Sarosh Kuruvilla et al., *From Iron Rice Bowl to Informalization: Markets, Workers and the State in a Changing China* (Ithaca: Cornell, 2011), 4-6.
- 105 Ching Kwan Lee, *Against the Law: Labor Protests in China's Rustbelt and Sunbelt* (Berkeley: UC Press, 2007); China Labour Bulletin, "Standing up: The worker movement in China, 2000-2004" (July 2007).
- 106 Max Fisher, "How China stays stable despite 500 protests every day," *The Atlantic*, January 5, 2012; Hou Liqiang, "Report identifies sources of mass protests," *China Daily*, April 9, 2014.
- 107 中国の社会問題と対策 Keith Bradsher, "China's leaders confront economic fissures," *New York Times*, November 5, 2013.
- 108 Shi Futian, "Video gaming hitting new highs," *China Daily*, November 8, 2017; Andrew Polk, "Chinese need to learn to save again: After decades of thrift, they're taking on too much personal debt," *Bloomberg*, February 15, 2018.
- 109 Daniel Johnson, "Declining audiences and a complete lack of interest — how much longer can the Chinese Grand Prix go on?" *Telegraph*,

April 16, 2016.

William Wan, "China's Xi Jinping loves football so much he's put it on the national curriculum — but can he secure the World Cup?" *Independent*, February 25, 2015; Chen Jingnan, "Parents plead with government to give their kids more homework," *Sixth Tone*, April 12, 2018.

Cindy Sui, "What the world's largest shopping day says about China," *BBC News*, November 11, 2011.

Liu Jianqiang, "China's environment ministry an 'utter disappointment,'" *China Dialogue*, March 7, 2013; Tang Hao, "China's food scares show the system is bust," *China Dialogue*, August 31, 2012.

Deng Yaqing, "Making too much," *Beijing Review*, October 31, 2013.

朱清海和余强 (Zhu Qinghai and Yu Qiang) Chuin-Wei Yap, "China can't curb steel mills," *Wall Street Journal*, March 13, 2013.

钢厂的产能过剩 (Gang Chang's capacity excess) Chuin-Wei Yap: "China's steel industry still overproducing," *Wall Street Journal*, July 16, 2014; "China's steelmakers adding, not cutting, capacity," *Wall Street Journal*, February 27, 2014; "China's steel cutbacks look deeper than they are," *Wall Street Journal*, March 6, 2017. 中国的钢铁行业 (China's steel industry) "China's slow steel industry cuts unlikely to satisfy Trump's demands," *South China Morning Post*, March 12, 2018.

Zhou Xin, "The zombies return: Why are steel firms in China coming back from the dead?" *South China Morning Post*, May 14, 2016; Michael Schuman, "Zombie factories stalk the sputtering Chinese economy," *New York Times*, August 28, 2015.

Zhou Chen and Li Rongde, "Cities' pollution violations have inspectors fuming," *Cairin*, April 13, 2017.

Alice Yan, "Thousands of polluters in northern China fake emissions data, resist checks," *South China Morning Post*, March 31, 2017; Yan Xiaowei, "The waste-to-power reality: Faked emissions data and huge profits," *China Dialogue*, July 24, 2014; Huang Shumao, "Chinese companies caught falsifying environmental data," *China Dialogue*, January 6, 2016.

Chun-Wei Yap, "China's zombie companies stay alive despite defaults," *Wall Street Journal*, July 12, 2016; Chuin-Wei Yap, "China state steel merger taps old theme: Bigger is better," *Wall Street Journal*, September 20, 2016; D"Weaver, *Animal Spirits*, 148.

Yan, "Polluters fake emissions"; Nectar Gan, "12,000 officials disciplined and 18,000 companies punished in China's sweeping crackdown against pollution," *South China Morning Post*, September 2, 2017.

Yuan Suwen et al., "Northern China chokes on fake emissions data," *Cairin*, April 6, 2017, www.cairinglobal.com/2017-04-06/101075101.

- html; Edward Wong and Vanessa Piao, "When China wants better air readings, cotton does the trick," *New York Times*, October 28, 2016; Zhao Xuan and Li Rongde, "What bad air? Human officials use mist cannons to fool pollution meters," *Caixin*, February 2, 2018.
- 126 Zhou Chen and Li Rongde, "Beijing fails to implement anti-pollution measures," *MEP Says*, *Caixin*, October 17, 2016.
- 127 Zhou Tailai and Li Rongde, "Five local environment officials investigated on allegations of tampering with air-quality readings," *Caixin*, October 26, 2016; Liu Qin, "China's environment ministry launches anti-graft reforms," *China Dialogue*, March 11, 2015.
- 128 John McGarity, "China promises crackdown on fake air quality data," *China Dialogue*, February 4, 2015; Zhou Chen and Li Rongde, "Tianjin authorities lambasted for letting air, water quality worsen," *Caixin*, July 31, 2017; "Watchdog raps Shanghai for 'slacking' on environment," *Caixin*, April 12, 2017.
- 129 フット参照⑤⑥。China Quarterly, vol. 231 (September 2017), special section "Central-local relations and environmental governance in China." この特集では北京の新たな環境保護政策に対する官僚とエナブルキーのあいだで起きている組織的抵抗について検討している。さらにはフット参照⑦⑧。Sarah Eaton and Genia Kosta, "Central protectionism in China: The 'central SOE problem' in environmental governance" (685-704); Benjamin van Rooij et al., "Centralizing trends and pollution law enforcement in China" (583-606); Christine Wong and Valerie J. Karplus, "China's war on air pollution: Can existing governance structures support new ambitions?" (662-684); Xuehua Zhang, "Implementation of pollution control targets in China: Has a centralized enforcement approach worked?" (749-774).執筆陣たちは張雪花 (Xuehua Zhang) が言うように「中央集権的な押し付けは……環境政策の実行が弱いという中国が長年抱えてきた問題に対処するには、間違はなく効果がなく」とおもむね結論付けている。Zhang, "Implementation of pollution control," 749.
- 131 Gan, "12,000 officials disciplined."
- 132 "Environmental inspectors locked in by factory boss," *Sixth Tone*, April 18, 2017; Mimi Lau, "China's smog inspectors held captive during checks on polluting factory," *South China Morning Post*, April 17, 2017.
- 133 Xuehua Zhang, "Implementation of pollution control," 750-751.
- 134 Ibid., 756; Kosta, "Command without control."
- 135 Chun-Wei Yap, "China defends its steel exports," *Wall Street Journal*, May 15, 2015.
- 136 Eaton and Kosta, "Central protectionism," 694.
- 137 Ibid.

- 138 Min Zhang and Tom Daly, "China 2019 crude steel output jumps 8.3%, sets second straight annual record," *Reuters*, January 16, 2020.
- 139 Emily Feng, "Surging China steel output defies Trump pressure," *Financial Times*, April 16, 2018; Liu and Zou, "Overcapacity campaign faces its toughest year." Rob Davies, "What went wrong with British steel," *Guardian*, May 22, 2019.
- 140 Eaton and Kostka, "Central protectionism," 690-91

第八章

注

- 1 *The New Emperors: Power and the Princelings in China* (New York: LB. Tauris, 2014), 20-21.
- 2 次の著作所載の（一九八九年現在の）官僚の住居が記された地図を参照のじふ° Andrew J. Nathan and Perry Link (eds.), *The Tiananmen Papers* (London: Little Brown & Co., 2001).
- 3 Richard McGregor, *The Party: The Secret World of China's Communist Rulers* (New York: Harper, 2010); Carl E. Walter and Fraser J.T. Howie, *Red Capitalism: The Fragile Financial Foundation of China's Extraordinary Rise* (Singapore: John Wiley & Sons, 2012), 22-25.
- 4 Brown, *New Emperors*, 4.
- 10 以下を参照のじふ° He Qinglian, "Chapter 10. The Resurgence of Secret Societies and an Underground Economy," *The Chinese Economy*, vol. 35, no. 1 (January-February 2002): 51-63. ニルを参照のじふ° Peter Holey and William Wan, "Deadly Chinese drugs are flooding the U.S. and the police can't stop them," *Washington Post*, June 22, 2015.
- 11 以下を参照のじふ° Louisa Lim, *The People's Republic of Amnesia: Tiananmen Revisited* (Oxford: Oxford University Press, 2014), Chapter 7.
- 12 たこえな以下を参照のじふ° Shi Jianguo, "Struggle for supremacy by party factions now on display," *South China Morning Post*, October 13, 2012. 薄起来派こちの習近平殺害の恐れに關する噂じふじふはニルを参照のじふ° Matthew Robertson, "China's 'hatchet man' set to be purged in party struggle," *Epoch Times*, May 30-June 3, 2014; Teddy Ng, "Rising star Li Yuanhao forges ties with all political factions in China," *South China Morning Post*, October 2012.
- 13 Brown, *New Emperors*, 36-37.
- 14 Nichel Oksenberg, "Economic policymaking in China: Summer 1991," *China Quarterly*, no. 90 (June 1982): 184.

- 15 裴敏欣の言葉は以下からの引用。David Barboza, "The corruptibles," *New York Times*, September 3, 2009. 以下を参照のしよ。
- Robertson, "China's 'Hatchet Man.'"
- 16 Austin Ramzy, "Ousted Chinese official is accused of plotting against Communist Party," *New York Times*, October 20, 2017; V. Mahalingam, "Xi Jinping's fight against coups and assassination bids," *Indian Defense Review*, August 19, 2017; Katsuji Nakazawa, "Power struggle has Xi leery of coup, assassination attempts," *Nikkei Asian Review*, May 23, 2015.
- 18 "Xi Jinping millionaire relations reveal fortunes of elite," *Bloomberg*, June 29, 2012.
- 21 Chris Buckley, "A chilling phone call adds to hurdles of publishing Xi Jinping book," *Sinosphere*, February 19, 2014.
- 22 Kris Cheng, "Publisher suspends launch of dissident's new book on Xi Jinping due to 'fear and pressure'," *Hong Kong Free Press*, January 12, 2016.
- 23 増大する多くの国家収入源について以下を参照のしよ。Joe Zhang, *Party Man, Company Man* (Honolulu: Enrich Professional Publishing, 2014), Chapter 11.
- 24 McGregor, *The Party*, 78, 81. John P. Burns, *The Chinese Communist Party's Nomenklatura System* (London: M.E. Sharpe, 1989).
- 25 "Chinese President Xi Jinping 'given 62% pay rise,'" *BBC News*, January 20, 2015; Russell Leigh Moses, "When it comes to corrupt Chinese officials, you get what you pay for," *Wall Street Journal*, March 10, 2014.
- 26 Feifei Wang, "What is the pay scale for China's top leadership? What does the secretary general, premier, paramount leader, etc. make?" *Quora*, November 14, 2012.
- 27 以下を参照のしよ。"Heirs of Mao's comrades rise as new capitalist nobility," *Bloomberg*, December 26, 2012. 以下は註の引用であるが記事本文の引用である。以下を参照のしよ。McGregor, *The Party*; Brown, *The New Emperors*.
- 28 David Barboza, "Billions in hidden riches for family of Chinese leader," *New York Times*, October 25, 2012.
- 29 Ibid.
- 30 Ibid. 以下を参照のしよ。"The Wen family empire" graphic, *New York Times*, October 25, 2012.
- 31 He Qingliang, "China's listing social structure," *New Left Review*, September 5, 2000, 73. 民権を妨げない範囲で資産階級を排除しようとするこの計画を分析している。以下を参照のしよ。X. L. Ding, "The illegal asset stripping of Chinese state firms," *China Journal*, no. 43 (January 2000): 1-28.

- 32 “Xi Jinping, millionaire relations reveal fortunes of elite.”
- 33 Michael Forsythe, “As Chinas leader fights graft”, Cary Huang, “Xi Jinping tightens reins on business ties of Chinese officials’ families in wake of Panama Papers,” *South China Morning Post*, April 19, 2016; Zheping Huang, “China’s elite — including Xi Jinping — are linked to offshore deals that hid millions of dollars,” *Quartz*, April 4, 2016.
- 34 John Lee, “China’s rich lists riddled with Communist Party members,” *Forbes*, September 14, 2011.
- 35 以下を参照のじゆ° Evelyn Irtiani, “Great idea but don’t quote him,” *Los Angeles Times*, September 9, 2004.
- 36 何清漣の本は以下の雑誌に翻訳・連載され、私はそれを引用している° *The Chinese Economy*, vols. 33-35 (2000-2002). 毛沢東
37 以来の中国共産党の腐敗の長い歴史は以下を参照のじゆ° Xiaobo Lu, *Cadres and Corruption: The Organizational Involution of the Chinese Communist Party* (Stanford: Stanford University Press, 2000); Yan Sun, *Corruption and Market in Contemporary China* (Ithaca: Cornell University Press, 2004); Melanie Manion, *Corruption by Design: Building Clean Government in Mainland China and Hong Kong* (Cambridge Mass.: Harvard University Press, 2004).
- 39 “Heirs of Mao’s comrades rise as new capitalist nobility,” 11; Zheping Huang, “China’s elite.”
- 40 Yan Sun, *Corruption and Market*, Chapter 1, and 101-102.
- 41 以下を参照のじゆ° “Unseemly purchases: Chair of Chinese state belatedly brought down in scandal,” *Epoch Times*, April 22, 2014.
- 42 Perry Link, *Evening Chats in Beijing: Probing China’s Predicament* (New York: Norton, 1992), 55-56.
- 43 Minxin Pei, *China’s Crony Capitalism: The Dynamics of Regime Decay* (Cambridge, Mass.: Harvard University Press, 2016).
- 44 「俺の親父は金持だぜ、俺のシンボルキーニちかっつうじ」ちかっからの引用でぬぬ° Dan Levin, “Chinese scions’ song: My daddy’s rich and my Lamborghini’s good-looking,” *New York Times*, April 12, 2016.
- 45 Pei, *Crony Capitalism*, Chapters 1-2.
- 46 Tyler Stitem, “Race and real estate: How hot Chinese money is making Vancouver unlivable,” *Guardian*, July 16, 2016; Lu Chen, “Your rich neighbor might be a corrupt Chinese official,” *Epoch Times*, February 25, 2015.
- 47 Pei, *Crony Capitalism*, 151-152, 154.
- 48 朱鎔基首相のじゆば° 以下からの引用° McGregor, *The Party*, 45.
- 49 以下からの引用° Walter and Howie, *Red Capitalism*, 23.

- 55 邓小平的财富。McGregor, *The Party*, 140-41.
- 56 Henry Sender, "Chinese princelings profit from corruption," *Financial Times*, November 27, 2012.
- 57 Edward Wong, "An online scandal underscores Chinese distrust of state charities," *New York Times*, August 4, 2011.
- 58 Sharon LaFraniere, "Officials in China seized infants for black market," *New York Times*, August 5, 2011; "Heirs of Mao's comrades rise as new capitalist nobility," 11.
- 59 Keith Brasher, "Antigraft inquiry targets senior Chinese official," *New York Times*, December 6, 2012. He Qingliang, "China's Listing social structure," 95.
- 60 James Ball et al., "China's princelings storing riches in Caribbean offshore haven," *Guardian*, January 21, 2014.
- 61 Lu, *Cadres and Corruption*, Chapter 6; McGregor, *The Party*, Chapter 5; Holmstrom and Smith, "The necessity of gangster capitalism."
- 62 David Barboza, "Chinese regulator's relatives profited from stake in insurer," *New York Times*, December 31, 2012.
- 63 邓小平的财富" "Heirs of Mao's comrades rise as new capitalist nobility."
- 64 Ibid., 9, 13, 14.
- 65 Ibid.
- 66 Dan Levin, "For China's newly rich, status is a woman on the side," *New York Times*, August 11, 2011. Choi Chi-yuk, "'Triple Plenty' crooked vice-mayor sentenced to death," *South China Morning Post*, May 13, 2011.
- 67 Pei, *Crony Capitalism*, 134-135.
- 68 Andrea Chen, "Corrupt coal official had 200 million yuan in cash stashed at home, prosecutors say," *South China Morning Post*, November 1, 2014.
- 69 "Senior general tangled in corruption, magazine says," *China Daily*, January 17-19, 2014.
- 70 Zhao Fuduo and Cui Xiankang, "The low official found with towering pile of cash, gold, and properties," *Caijin*, November 20, 2014.
- 71 X. L. Ding, "Illegal asset stripping," 1-28.
- 72 X. L. Ding, "Who gets what, how?" *Problems of Post-Communism*, vol. 46, no. 3 (May-June 1999): 32-41. 邓小平的财富" "Heirs of Mao's comrades rise as new capitalist nobility."
- 73 X. L. Ding, "Illegal asset stripping," 19.

- 78 "The army that makes money," *The Economist*, October 5, 1991, 38. "Heirs of Mao's comrades rise as new capitalist nobility," 13.
- 80 Tai Ming Cheung, *China's Entrepreneurial Army* (Oxford: Oxford University Press).
- 81 Pei, *Crony Capitalism*, 262. Bruce J. Dickson, *The Dictator's Dilemma* (Oxford: Oxford University Press, 2016), 86-87.
- 82 Minnie Chan and Choi Chi-yuk, "Top Chinese general linked to disgraced security czar Zhou Yongkang arrested for corruption," *South China Morning Post*, August 26, 2016.
- 83 Chris Buckley, "Chinese general under investigation, joining a long line of fallen commanders," *New York Times*, January 9, 2018.
- 84 David Barboza and Jessica Silver-Greenberg, "JP Morgan's fruitful ties to a member of China's elite," *New York Times*, November 13, 2013.
- 85 「訳者」温如春と「フルマーク・コンサルタント」についで以下以下のサイトを参照。 https://www.tetraokaikai.com/mm/07_20140713.html. また「次の記事も参照のこと」CNN「JPMORGANに制裁金260億円 中国高官家族の縁故採用で」。
- 86 "US probe highlights hiring of Chinese 'princelings,'" *Straits Times*, August 23, 2013.
- 87 David Barboza, "Billions massed in the shadows by the family of China's premier," *New York Times*, October 26, 2012.
- 88 Jessica Silver-Greenberg and Ben Protess, "Chinese official made job plea to Chase chief," *New York Times*, October 26, 2012.
- 89 Nectar Gan, "First he swept up corrupt officials, now he is tightening party control," *South China Morning Post*, January 12, 2018.
- 90 Pei, *Crony Capitalism*, 184-185.
- 91 Ibid., 184, 187.
- 92 Ibid., 243.
- 93 Ibid., 97.
- 94 Dev Kar and Sarah Freitas, "Illicit financial flows from China and the role of trade misinvoicing," *Global Financial Integrity*, October 25, 2012.
- 95 Jane Cai, "Revealed: The sneaky ways Chinese are moving money across the border," *South China Morning Post*, May 29, 2017.
- 96 "Chinese fly cash to North America, by the suitcase," *Wall Street Journal*, January 2, 2013; Shen Ming, "Chinese military officers secretly moving money offshore," *Epoch Times*, June 28, 2012; Benjamin Robertson, "US1.25 trillion moved out of mainland China illegally in 10 years, says report," *South China Morning Post*, December 16, 2014.

- 97 Natalie Ormell, "1,000 'naked officials' found in Guangdong," *China Digital Times*, June 8, 2014.
- 98 Ball et al., "China's princelings"; "Heirs of Mao's comrades rise as new capitalist nobility," 6.
- 99 "China murder suspect's sisters ran \$126 million empire," *Bloomberg*, April 13, 2012.
- 100 Patrick Boehler, "China's elite hiding billions overseas, US report says," *Guardian*, April 5, 2016.
- 101 "Heirs of Mao's comrades rise as new capitalist nobility," 1, 5.
- 102 Ibid.
- 103 Ibid.
- 104 Ibid.
- 105 Ibid.
- 106 毛用は以下を参照。 He Qingliang, "On contemporary primitive capital accumulation," *The Chinese Economy*, vol. 34, no. 2 (March-April 2001): 80-81.
- 107 Xinyuan Wang, "Hundreds of Chinese citizens feel just fine about the controversial social credit system," *The Conversation*, December 19, 2019.
- 108 一九八九年の天安門広場での抗議行動を主導し、のちに裏切って金持ちになった学生に「つづき」を参照のしよ。 Lim, *Amnesia*, Chapters 2-3; 以下を参照のしよ。 Javier C. Hernandez, "In 1989, a Tiananmen marcher: Now, a megaphone for the party," *New York Times*, August 1, 2019.
- 109 引用は以下を参照。 "Heirs of Mao's comrades rise as new capitalist nobility,"
- 110 引用は以下を参照。 Margaret Wente, "The real cost of China rising," *Globe and Mail*, November 26, 2010. 以下も参照のしよ。 Mark Kitto, "A Briton's bitter farewell to China echoes loudly," *New York Times*, June 15, 2013.
- 111 Link, *Evening Chats*, 112-118. Han Dongfang, "China's uncivil society," *Wall Street Journal*, May 3, 2005; Robert Foyle Hunwick, "Desperate Chinese are turning to mass suicide to get their government's attention," *PRI.org*, May 19, 2015; Philip Jacobson, "These desperate girls were abducted and sold in China. One daring group of do-gooders kidnapped them back," *Narratively*, September 3, 2017; Charles Custer, "Missing, kidnapped, trafficked: China has a problem with its children," *Guardian*, March 12, 2015; Alice Yan, "Chinese kindergarten head sacked for watering down children's milk in latest food scandal to hit China," *South China Morning Post*, November 6, 2018; "Chinese man attacks 22 children 1 adult with knife outside primary school," *Daily News*, December 14, 2012; Ni Dandan, "Beijing

- doctor brutally killed by patient's son," *Sixth Tone*, December 28, 2019; Borge Bakken, *Crime and the Chinese Dream* (Hong Kong: Hong Kong University Press, 2018).
- Min Jiang and Ashley Esarey, "Uncivil society in digital China: Incivility, fragmentation, and political stability," *International Journal of Communication*, no. 12 (2018): 1928-1944; C. M. Clark, "Faculty and student perception of academic incivility in the People's Republic of China," *Journal of Cultural Diversity*, no. 19, vol. 3 (Fall 2012): 85-93; Gabriele de Seta, "Wenming bu wenming: The socialization of incivility in postdigital China," *International Journal of Communication*, no. 12 (2018): 2010-2030.
- Link, *Evening Chats*, 58, 61.
- Ibid., 64.
- Ibid., 67.
- Echo Huang, "China publishes more science research with fabricated peer-review than everyone else put together," *Quartz*, May 8, 2017.
- Andrew Jacobs, "Rampant fraud threat to China's brisk ascent," *New York Times*, October 6, 2010; Amy Qin, "Fraud scandals sap China's dream of becoming a science superpower," *New York Times*, October 13, 2017.
- Stephen Chen, "China is offering more than a million dollars for a foreigner to run the world's largest telescope, so why is nobody applying?" *South China Morning Post*, August 3, 2017; Stephen Chen, "How noisy Chinese tourists may be drowning out aliens at the world's biggest telescope," *South China Morning Post*, August 24, 2017.
- Link, *Evening Chats*, 76.
- ピーや参観のう。Pei, *Crony Capitalism*, 216-242.
- Qin Shao, *Shanghai Gone*, 17-18.
- He Qingliang, "China's listing social structure," 92.
- Pei, *Crony Capitalism*, Chapter 7, 262.
- Ibid., 218-219.
- Didi Kirsten Tatlow, "In China: A climate of mistrust in medicine," *New York Times*, April 8, 2015.
- Sui-Lee Wee, "China's healthcare crisis: Lines before dawn, violence and 'no trust,'" *New York Times*, September 30, 2018.
- Juliet Song, "Fake Chinese medical facility lures in patients by stealing the identity of a well-respected hospital," *Epoch Times*, May 8,

- 2016.
- 1291 Manya Koeise, "Another hospital scandal: Nanchang doctor asks for more money during abortion," *What's on Weibo*, April 11, 2017.
- "Shanghai plastic surgery nightmare: Doctor's sexual abuse scandal exposed on Chinese social media," *What's On Weibo*, December 11, 2016; "Updated: National outrage after woman is made to pay \$700 for hospital appointment," *What's On Weibo*, February 2, 2016; "Nanchang doctor stirs controversy after bragging about bribes on Weibo," *What's On Weibo*, December 27, 2017. 卫计委参照のよう。
- 1300 decries hospital scalpers, reigniting debate," *Global Times*, January 26, 2016.
- 1301 Didi Kirsten Tatlow, "Chinese doctors becoming the targets of patients' anger," *New York Times*, November 1, 2013.
- 1312 Tatlow, "Climate of distrust."
- 1313 Xinyuan Wang, "Chinese feel just fine about the social credit system."
- 133 "Rights lawyer says license revoked over open letter," *China Digital Times*, January 14, 2018. 余文生の筆名で署名の文を認める。
- 136 <https://chinadigitaltimes.net/2018/01/rights-lawyer-says-license-revoked-retaliation-open-letter>.
- 137 Wikipedia, "Officials implicated by the anti-corruption campaign in China (2012-2017)." Steven Lee Myers and Chris Buckley, "Interpol chief was China's pride. His fall exposes the country's dark side," *New York Times*, October 8, 2018.
- 139 Huang Kaigian, "Interpol issues red alert notices for 3 Sinopec executives, Reuters says," *Caixin*, March 22, 2017.
- 140 Murong Xuecun, "Xi's selective punishment," *New York Times*, January 16, 2015.
- 141 Pei, *Crony Capitalism*, 121.
- 142 "Disciplinary watchdogs seek to fight factionalism within the Party," *People's Daily*, January 12, 2015.
- 143 Kinling Lo, "Vow to 'dig deep' to find corrupt police amid Xi Jinping's anti-mafia sweep," *South China Morning Post*, February 2, 2018; Guo Boxiong, "Man who ran world's largest army charged with taking US\$12.3 million worth of bribes," *South China Morning Post*, April 4, 2016; "China's Communist Youth League pledges to stamp out corruption among officials," *South China Morning Post*, April 26, 2016.
- 144 Dickson, *Dictator's Dilemma*, 91-93, Tables 2.5 and 2.6.
- 145 Pei, *Crony Capitalism*, Appendix, Tables A.1.-A.6. Amnesty International, "Death sentences and executions, 2017" (2018), 20-21.
- 146 Samuel Wade, "Punished officials bounce back," *China Digital Times*, August 14, 2013.
- Alice Yan, "Don't go back on your old ways when our backs are turned, CCDI warns cadres," *South China Morning Post*, November

- 5, 2014. 以下を参照のしよ。 Angela Meng, “Don’t lie about your assets’ China’s anti-corruption agency warns officials,” *South China Morning Post*, February 10, 2015.
- 147 Andrea Chen, “Some cadres shrugging off anti-corruption campaign, graft-buster warns,” *South China Morning Post*, October 25, 2014. 腐敗を根絶するじよたけはむいへく可能だんげんぐ。 今のたけごんはむいじよたけを言へておどおど。 以下を参照のしよ。 Nectar Gan, “Communist Party’s crackdown on corruption is great ... it keeps my husband home,” *South China Morning Post*, June 1, 2016.
- 148 Drew Hinshaw and Bradley Hope, “China’s top cop led Interpol. Then he disappeared,” *Wall Street Journal*, April 26, 2019.
- 149 Sophie Beach, “Amid debt crisis, HNA faces questions about ownership,” *China Digital Times*, February 2, 2018; Chris Buckley, “Xi starts new term in China, with trusted deputy to deal with Trump,” *New York Times*, March 16, 2018.
- 151 ‘クーメンの言葉は以下への正用。 Andrew Jacobs, “In China’s anti-graft campaign, small victories and bigger doubts,” *New York Times*, January 16, 2015.
- 152 “Hotel-style prison awaits Bo Xilai,” *South China Morning Post*, September 22, 2013. 以下を参照のしよ。 Choi Chi-yuk, “Former Bo Xilai family aide jailed over murder of UK businessman Neil Heywood ‘released early,’” *South China Morning Post*, January 20, 2018.
- 154 “Hotel-style prison.”
- 155 Mandy Zuo, “Revealed: Photos claim to show life inside China’s ‘luxury prison’ holding jailed wife of disgraced leader Bo Xilai,” *South China Morning Post*, April 29, 2016.
- 156 Dai Qing, *Tiananmen Follies: Prison Memoirs and Other Writings* (Taipei: Eastbridge, 2004). 以下の重要な書評も参照のしよ。
- Jonathan Mirsky, “China: The uses of fear,” *New York Review of Books*, October 6, 2005.
- 157 Jane Perlez, “Corruption in military poses a test for China,” *New York Times*, November 14, 2012.
- 158 “Anti-graft fight never ending,” *China Daily*, November 23, 2017.

第七章

注

- 1 Jason Samenow, “Red-hot planet: All-time heat records have been set all over the world during the past week,” *Washington Post*, July 5, 2018.

- 3 Nathaniel Rich, "Losing Earth: The decade we almost stopped climate change," *New York Times Magazine*, August 1, 2018.
- 4 Mark Kinver, "Shanghai 'most vulnerable to flood risk,'" *BBC News*, August 21, 2012.
- 5 Jonathan Watts, "From Miami to Shanghai: 3°C of warming will leave world cities below sea level," *Guardian*, November 3, 2017.
- 6 Matthew Walsh, "China's scorching heat wave brings a glimpse of the future," *Sixth Tone*, August 10, 2018.
- 7 David L. Chandler, "China could face deadly heat waves due to climate change," *MIT News*, July 31, 2018.
- 8 Ibid. Liang Chenyu, "Govt report details alarming effects of climate change in China," *Sixth Tone*, April 4, 2019.
- 9 Somini Sengupta et al., "How record heat wreaked havoc on four continents," *New York Times*, July 30, 2018; Christina Anderson and Alan Cowell, "Heat wave scorches Sweden as wildfires rage in the Arctic Circle," *New York Times*, July 19, 2018; Somini Sengupta, "In India, summer heat may soon be literally unbearable," *New York Times*, July 17, 2018.
- 11 Somini Sengupta and Nadja Popovich, "Global warming in South Asia: 800 million at risk," *New York Times*, June 28, 2018.
- 12 Stockholm Resilience Centre, "Earth at risk of heading towards 'hothouse Earth' state," *EurekAlert.org*, August 6, 2018.
- 13 Lauri Myllyvirta, "China's smokestack economy makes a roaring comeback in 2017," *Greenpeace*, July 17, 2017; "Air pollution in Jing-Jin-Ji worsened in first half of 2017," *Caijin*, July 20, 2008; Le Rongde, "Beijing area sees fewer 'blue-sky days' this year," *Caijin*, November 17, 2017.
- 15 Barbara Fiamore, "China pledges to tackle air pollution with new plan," *NRDC*, September 13, 2013.
- 16 Jane Cai, "It's war on smog! China pledges pollution battle for the nation's future," *South China Morning Post*, March 5, 2014.
- 17 Li Jing, "Pollution-free days of Beijing Olympics now just a happy memory," *South China Morning Post*, August 10, 2013; Jonathan Kaiman, "After 'military parade blue' skies, pollution returns to Beijing," *Los Angeles Times*, September 7, 2015; Li Jing, "How China's quick blue-sky fixes make pollution worse," *South China Morning Post*, December 9, 2016.
- 18 John McGarrity, "One year on after 'war' declared on pollution, Beijing air scarcely improves," *China Dialogue*, February 2, 2015; Xu Nan, "China's noxious air 'as deadly as smoking': Study," *China Dialogue*, February 4, 2015.
- 19 Tom Phillips, "Beijing smog: Pollution red alert declared in China capital and 21 other cities," *Guardian*, December 16, 2016; Erin McCam, "Life in China, smothered by smog," *New York Times*, December 16, 2016. 雾霾 的 季节 Tan Yinghong, "The age of smog," *China Digital Times*, January 3, 2017.

- 20 "Beijing fails to implement anti-pollution measures, MEP says," *Clean Air Alliance of China*, October 17, 2017.
- 21 Zheng Jinran, "Lax anti-pollution efforts highlighted," *China Daily*, August 2, 2017; Gan, "12,000 officials disciplined."
- 22 Nectar Gan, "China firing blanks in 'war on pollution' as smog worsens," *South China Morning Post*, February 2, 2017.
- 23 David Stanway et al., "A pollution crackdown compounds slowdown woes in China's heartland," *Reuters*, May 23, 2019.
- 24 David Blair, "Change in the air," *China Daily*, April 6-8, 2018.
- 25 Te-Ping Chen, "Air quality improves in Beijing," *Wall Street Journal*, January 1, 2018.
- 26 Mini Lau, "Smog returns across north days after China claims progress in winter pollution campaign," *South China Morning Post*, January 15, 2018; Charmmy Zhang, "Beijing to halt construction as smog closes in just weeks after clearest skies in five years," *South China Morning Post*, January 12, 2018.
- 27 "Beijing fears relapse in anti-smog battle," *Catxin*, April 20, 2018.
- 28 Greenpeace, "Analysis of air quality trends in 2017" (January 2018).
- 29 Ibid.
- 30 Li Rongde, "Beijing breathes easy while neighbors suffocate," *Catxin*, December 22, 2017; David Stanway, "Major China regions see smog worsen, adding to fears polluters are moving south," *Reuters*, February 12, 2018; "PM2.5 in Beijing down 54%, but nationwide air quality improvements slow as coal use Increases," *Greenpeace*; Greenpeace, "Analysis of air quality trends in 2017."
- 31 Liu Zhen, "Beijing meets national air pollutant standard for first time," *South China Morning Post*, February 7, 2018; "Smog levels rise 20pc in China's Yangtze Delta in January, raising fears pollution is moving south," *South China Morning Post*, February 13, 2018; Catherine Lai, "'Moderate to very high' health risk warning, as Hongkongers awake to choking air pollution," *Hong Kong Free Press*, January 17, 2018.
- 32 Echo Xie, "Small factories in northern China count the cost of Beijing's war on pollution," *South China Morning Post*, April 7, 2019.
- 33 Huang Kaixi et al., "Farmers freeze as coal cleanup campaign backfires," *Catxin*, December 6, 2017; Zhou Chen et al., "Thousands in rural China secretly burn coal as gas prices soar," *Catxin*, December 8, 2017.
- 35 Viola Zhou, "China's polluting factories run around the clock while villagers are told to cut household emissions," *South China Morning Post*, September 21, 2018. 工厂彻夜轰鸣 居民劝减排

December 11, 2017.

- 36 Li Rongde, "Smog smothers north China," *Caixin*, March 26, 2018; Li Rongde, "Sandstorm, smog strangle Beijing," *Caixin*, March 28, 2018.
- 37 Finbarr Bermingham, "China 'yet to hit bottom' as economic downturn plumbed new depths in October," *South China Morning Post*, November 14, 2019.
- 38 "China's air quality worsens as national PM2.5 level rises 5.2 percent in January and February," *South China Morning Post*, March 21, 2019, "Northern Chinese cities fail to meet winter smog targets," *South China Morning Post*, April 1, 2019; Hou Liqiang, "Why is air pollution worse in places? Inspectors in new round will find out," *China Daily*, April 30, 2019.
- 39 Lauri Myllyvirta, "China ozone pollution levels hit record high amid industrial output surge," *Ecologist*, July 19, 2018.
- 40 Greenpeace, "Analysis of air quality trends in 2017", "Harmful ozone pollution worsening in northern China," *South China Morning Post*, April 11, 2018; Guo Rui, "China's fight for clean air gets more complicated after scientists link fall in PM2.5 pollutants to rise in crop-damaging ground-level ozone," *South China Morning Post*, January 7, 2019.
- 41 Zhang Chun, "Hebei's lung cancer spike raises questions about role of pollution," *China Dialogue*, February 15, 2016.
- 42 David Stanway, "China cuts smog but health damage already done: Study," *Reuters*, April 17, 2018.
- 43 Myllyvirta, "China's CO2 emissions surged in 2018."
- 45 Guo Rui, "China still facing an uphill struggle in fight against pollution, warns environment minister," *South China Morning Post*, March 11, 2019; "China launches environmental investigation in pollution-prone Hebei," *South China Morning Post*, October 11, 2019.
- 46 "China's smog-prone regions see clearer skies but pollution worse elsewhere," *South China Morning Post*, January 16, 2020.
- 49 "China's environmental ministry finds patchy progress on water and soil pollution," *Reuters*, April 24, 2017; Deng Tingting, "In China, the water you drink is as dangerous as the air you breathe," *Guardian*, June 2, 2017.
- 50 Gao Baiyu, "Half of Yangtze provinces are water stressed," *China Dialogue*, October 3, 2019.
- 51 "China plans crackdown on illegal dumping," *South China Morning Post*, October 21, 2019; Zou Shuo, "Cities fail to improve water quality," *China Daily*, March 1, 2018; Echo Xie, "What China must do to clean up its act on waste water," *South China Morning Post*, May 26, 2019.
- 52 "New 'Water ten plan' to safeguard China's waters," *China Water Risk*, April 16, 2015; Li Ruohan, "Govt boosts measures to tackle

- country's polluted water system," *Global Times*, May 11, 2015.
- 53 Congbin Xu et al., "Remediation of polluted soil in China: Policy and technology bottlenecks," *Environmental Science & Technology*, vol. 51, no. 24 (2017): 14027-14029.
- 54 Zhou Chen et al., "China's tainted soil initiative lacks pay plan," *Caixin*, June 8, 2016.
- 55 *Ibid.*
- 56 Ariel Wittenberg, "EPA cleans up superfund sites but leaves toxins behind," *The Norwich Bulletin*, August 9, 2014; US EPA, "Superfund: National Priorities List".
- 57 David Stanway, "After China's multibillion-dollar cleanup, water still unfit to drink," *Reuters*, February 20, 2013.
- 58 Eugene Simonov, "Lake Baikal pipeline threatens critical ecosystem," *China Dialogue*, April 7, 2017; "World's largest water diversion plan won't quench China's thirst," *Bloomberg*, December 10, 2017; Tom Phillips, "'Parched' Chinese city plans to pump water from Russian lake via 1,000km pipeline," *Guardian*, March 7, 2017; "All Dried Up," *The Economist*, October 10, 2013; "China has built the world's largest water diversion project," *The Economist*, April 5, 2018.
- 62 Li Jing, "China's 'iron fist' against pollution is softening," *China Dialogue*, March 14, 2019.
- 64 Justin Gillis, "A prophet of doom was right about the climate," *New York Times*, June 23, 2018; Nathaniel Rich, "Losing the Earth: The decade we almost stopped climate change, a tragedy in two acts," *New York Times Magazine*, August 1, 2018.
- 65 Kevin Anderson, "The emission case for a radical plan," presentation at the Radical Emissions Reduction Conference, Tyndall Centre for Climate Research, Norwich, UK, December 10-11, 2013.
- 66 太字は著者による。 *Ibid.*, 5,
- 67 James Hansen et al., "Assessing 'dangerous climate change': Required reduction of carbon emissions to protect young people, future generations and nature," *Plos One*, vol. 8, no. 12 (December 2013).
- 68 Naomi Klein, *This Changes Everything: Capitalism vs. The Climate* (New York: Simon & Schuster, 2014), 87.
- 69 David Wells-Wallace, *Uninhabitable Earth: A Story of the Future* (New York: Penguin, 2019)
- 70 Kevin Anderson, "Avoiding dangerous climate change demands de-growth strategies from wealthier nations," *Kevinanderson.info*, November 25, 2013.

- 17 "China's Xi says GDP growth no less than 6.5% until 2020: Reports," *CNBC News*, November 3, 2015.
- 73 Shan et al., "China CO2 emission accounts," 表 5.3 in the Appendix of the same.
- 76 Richard Smith, "Essay 3 (2011): Green capitalism: the god that failed" in *Green Capitalism*; Smith, "An ecosocialist path."
- 77 Lauri Myllyvirta and Fergus Green, "China's carbon emissions trading scheme: Smoke and mirrors," *Lowy Interpreter*, October 17, 2019.
- 78 Sonini Sengupta, "Why build Kenya's first coal plant? Hint: Think China," *New York Times*, March 1, 2018; "Arctic gas terminal begins ice silk road," *China Daily*, December 11, 2017; Eva Dou, "Beijing stakes an arctic claim," *Wall Street Journal*, January 27-28, 2018.
- 69 Leslie Hook and Lucy Hornby, "China's solar desire dims," *Financial Times*, June 8, 2018; Ke Dawei, "China becomes largest natural gas importer," *Caixin*, June 26, 2018.
- 80 Fang Hao, "Efforts to cut steel capacity not working," *China Dialogue*, February 3, 2017; Bethany Allen-Ebrahimian, "Chinese steel output hits all-time high," *Foreign Policy*, July 19, 2017; Muyu Xu and Melanie Burton, "Chinese steel, aluminum output at record as US mulls penalties," *Reuters*, February 23, 2017.
- 18 Zhejiang Huang, "China's economic growth is driven by all the things it says it wants to get rid of," *Quartz*, July 17, 2017.
- 82 Zheng Bo, "Cars a threat to China's 2030 CO2 peak," *China Dialogue*, August 14, 2015; George Monbiot, "Cars are killing us. Within 10 years, we must phase them out," *Guardian*, March 7, 2019.
- 83 "China to ban production of petrol and diesel cars 'in the near future,'" *Guardian*, September 11, 2017.
- 84 Ji-Feng Li et al., "Analysis on energy demand and CO2 emissions in China following the Energy Production and Consumption Revolution Strategy and China Dream target," *Advances in Climate Change Research*, vol. 9, no. 1 (March 2018): 16-26. "Electric vehicles' dirty secret: China's huge coal production powers the world's largest but not the cleanest EV fleet," *Wall Street Journal*, October 12-13, 2019; Zheng Xin, "New energy to play a dominant role by 2030," *China Daily*, August 17, 2017. 新能源汽车主导
- 85 Ji Shuguang et al., "Electric vehicles in China: Emissions and health impacts," *Environmental Science & Technology*, vol. 46, no. 4 (2012): 2018-2024.
- 86 Emma Foeßinger Merchant, "Lithium-ion battery production is surging, but at what cost?" *Green Tech Media*, September 20, 2017; Niclas Rolander et al., "The dirt on clean electric cars," *Bloomberg*, October 15, 2018; Max Oprey, "Nickel mining: The hidden environmental cost of electric cars," *Guardian*, August 24, 2017.

- 87 Miles Berners-Lee and Duncan Clark, "What's the carbon footprint of ... a new car?" *Guardian*, September 23, 2010.
- 88 Union of Concerned Scientists, "Cleaner cars from cradle to grave" (November 2015).3.5.
- 89 Christopher Ross, "The vintage Volkswagen beetle goes electric," *Wall Street Journal*, April 23, 2015.
- 90 Walter Benjamin, *The Arcades Project* (Cambridge, UK: Belknap Press, 2002).
- 91 Zhang Chun, "Downsizing China's consumer dream could bring huge carbon cuts, report says," *China Dialogue*, July 6, 2016.
- 92 Sui-Lee Wee, "Inside China's predatory health care system," *New York Times*, September 30, 2018.
- 93 Brad Plumer, "Wildlife facing extinction risk all over the globe," *New York Times*, May 7, 2019. 生态文明のよう" the "Share the World's Resources" campaign, at www.sharing.org.
- 94 IPCC, "Global Warming of 1.5°C."
- 95 "Chinese flight to Antarctica a success, signal of new era in tapping polar travel," *People's Daily*, December 18, 2018.
- 96 Du Xiaofei, "Massive Chinese container ship sets new record on east coast of US," *People's Daily*, May 17, 2017.
- 97 John Vidal, "The world's largest cruise ship and its supersized pollution problem," *Guardian*, May 21, 2016.
- 98 Zhong and Zhang, "China chokes on takeout plastic", Matt Pritchard, "Throwaway world chokes on convenience," *China Daily*, April 13-15, 2018; David Stanway, "On Singles' Day, green groups warn of China's surge in packaging waste," *Reuters*, November 10, 2019; Izabella Sheely, "Book review: The abundance of less," *China Dialogue*, July 19, 2018; Vanessa Friedman, "Who needs so many clothes?" *New York Times*, May 3, 2018.
- 99 Charlie Parton, "China's looming water crisis" (*China Dialogue*, April 2018); Hou Liqiang, "Local authorities told to list illegal dumping sites," *China Daily*, June 8-10, 2018.
- 100 Tom Levitt, "Chinese cities 'feel loss of street life and community,'" *China Dialogue*, November 5, 2012.
- 101 生态文明参照のよう° Chrysia Freedland, "The triumph of the family farm," *The Atlantic*, June 13, 2012. 生态文明参照のよう° Farm Aid, "Rebuilding America's economy with family farm-centered food systems" (2013); Alan Bjerga, "Organic lets family farms prosper in industrial-agriculture era," *Bloomberg*, June 28, 2012.
- 102 Zhang Wei, "Swapping pesticides for beetles could put money in farmers' pockets," *China Dialogue*, September 6, 2018.

- 1 Andrew Jacobs, "Pageant silences beauty queen, a critic of China, at U.S. event," *New York Times*, December 13, 2016. 次へ參照の
- 2 Anastasia Lin, "The Cultural Revolution comes to North America," *New York Times*, April 8, 2019.
- 3 "The Long March abroad," *The Economist*, July 7, 2016.
- 4 Zheping Huang, "Xi Jinping says China's authoritarian system can be model for the world," *Quartz*, March 9, 2018.
- 5 "China holds ethnic Mongolian historian who wrote 'genocide' book," *Radio Free Asia*, July 23, 2018; Liu Xuanzun, "Tibet underage students banned from religious activities in accordance with law," *Global Times*, July 23, 2018. [この記事が翻譯せられて、記事からの引用が次の記事に見られる。 <https://mainichi.jp/english/articles/20180724/p2e00m0in/077000c>]; Chris Buckley, "Tibetan man pushing to save his native language gets five years in prison," *New York Times*, May 23, 2018; Javier C. Hernandez, "Bold displays of art in support for migrants in Beijing," *New York Times*, March 11, 2018; Amy Qin, "Liu Xiaobo's death pushes China's censors into overdrive," *New York Times*, July 17, 2018.
- 6 Karen Lim, "The epic eye roll from a Chinese reporter is breaking the internet," *Asiatrav*, March 13, 2018; Paul Mozur, "Reporter rolls eyes and becomes a sensation," *New York Times*, March 14, 2018.
- 7 次へ參照の 次へ Tom Phillips, "Censored! China bans letter N (briefly) from internet as Xi Jinping extends grip on power," *Guardian*, February 27, 2018; Amy Qin, "Harmless pig? 'Gangster'? China is taking no chances," *New York Times*, May 11, 2018.
- 8 Edward Wong, "China frees 5 women's rights activists on bail after holding them for weeks," *New York Times*, April 14, 2015.
- 9 Yvan Yang, "China's 'MeToo' movement evades censors with #RiceBunny [mi tu]," *Financial Times*, August 8, 2018. Zheng Caixiong, "MeToo in China: Movement gathers pace amid wave of accusations," *Guardian*, July 30, 2018.
- 10 Vincenzo La Torre and Elaine Yau, "China bans exports of black clothing to Hong Kong amid protests: All mailings to city to be 'severely investigated,' courier firm worker says," *South China Morning Post*, October 17, 2019.
- 11 "Charts of the day: China's pension system is out of pocket," *Caixin*, April 19, 2019; "Old, not yet rich: China's median age will soon overtake America's," *The Economist*, November 2, 2019.
- 12 Jane Cai, "Minimum wages on the march as labor pool shrinks," *South China Morning Post*, October 13, 2017.

- 22 Alexandra Stevenson and Cao Li, "China's slowdown already hit its factories. Now its offices are hurting too," *New York Times*, March 14, 2019.
- 23 Keith Bradsher, "China's economy, by the numbers, is worse than it looks," *New York Times*, January 20, 2019; "China defaults hit record in 2018. 2019 pace is triple that," *Bloomberg*, May 7, 2019; Alexandra Stevenson and Cao Li, "Chinese firms using I.O.U.s to stay afloat," *New York Times*, August 7, 2019; Mike Bird and Lucy Craymer, "Private data show sharper China slowdown," *Wall Street Journal*, September 8, 2019.
- 24 He Huifeng, "'We're in trouble': China's middle class frets that the good times are over," *Inkstone*, September 10, 2019.
- 25 "Chinese trade surplus hits five-year low as imports rise to record high," *China Banking News*, January 15, 2019; Frank Tang, "China's first account deficit for 17 years 'could signal fundamental shift,'" *South China Morning Post*, May 4, 2019; Moody's Analytics, "China: Current account balance."
- 26 Michael Baltenesperger, "Why China's current account balance approaches zero," *Breugel*, April 15, 2019; Morgan Stanley Research, "Facing current-account deficit, China looks abroad for capital" (March 2019).
- 27 Mark Champion, "What does a Chinese superpower look like? Nothing like the U.S." *Bloomberg*, August 27, 2018.
- 28 Christopher Balding, "China can't count on consumers to get through the trade war," *Nikkei Asian Review*, July 24, 2018.
- 29 Li Yuan, "China's consumption downgrade: Skip avocados, cocktails and kids," *New York Times*, August 22, 2018; James T. Aveddy, "Consumers pull back, in blow to Xi," *Wall Street Journal*, June 26, 2019.
- 30 Neil Gough and Owen Guo, "As China's economy slows, Beijing's growth loses punch," *New York Times*, July 15, 2016.
- 31 沢村孝雄のレポート Keith Bradsher, "Street protests in Wuhan, a Chinese city of 10 million, stall an incinerator plant," *New York Times*, July 6, 2019.
- 32 China Labour Bulletin, "Strike Map" (2018), <http://maps.clb.org.hk/strikes/en>; Paul Mason, "China's workers are turning from analogue slaves into digital rebels," *Guardian*, September 14, 2014; "Crane operators organize momentous nationwide strike," *China Digital Times*, May 9, 2018; Wang Jiangsong, "The significance of crane operators across China going on strike," *China Change*, May 7, 2018. [監報：この記事は「クルーン労働者の闘い」を記録した写真が掲載されている。]；"China must release detained crane workers on strike & would-be May 1st protesters," *China Human Rights Defenders*, May 3, 2018.

- 34 Scott Morgan, "Truck drivers strike across China, shout 'overthrow the CPC,'" *Taiwan News*, June 11, 2018; "China's truck drivers strike over stagnant pay, high fuel costs, and arbitrary fines," *China Labour Bulletin*, June 11, 2018; Chris Buckley, "Marching in pockets across China, army veterans join ranks of protesters," *New York Times*, June 26, 2018.
- 35 工人起哄 工人 起哄 工人 起哄 工人 起哄 工人 起哄 工人 起哄 Mingqi Li, "Class conflict intensifies as China heads into uncertain times," *Real News Network*, August 21, 2018; Stella Qiu and Anne Marie Roantree, "Job jitters mount as China's factories sputter ahead of Lunar New Year," *Reuters*, January 17, 2019.
- 36 Jin Xiaochang, personal communication from Shanghai, October 23 and December 16, 2019.
- 39 Jenny Chan, "Shenzhen Jasic Technology: Towards a worker-student coalition in China," *New Politics*, September 3, 2018; Josh Rudolf, "No one can resist the tides of history: Detained activist Yue Xin on the Jasic workers," *China Digital Times*, August 18, 2018; Michelle Chen, "China's workers aren't fighting a trade war — they're fighting a labor war," *Nation*, September 4, 2018.
- 40 Sophie Beach, "Young #MeToo activists broaden calls for equality," *China Digital Times*, September 6, 2018.
- 41 Yuan Yang, "Inside China's crackdown on young Marxists," *Financial Times*, February 19, 2019.
- 42 Eduardo Baptista, "Six Marxist students vanish in the lead up to Labor Day," *CNN*, May 1, 2019.
- 43 Gerry Shih, "Everyone is getting locked up: As workers grow disgruntled, China strikes at labor activists," *Washington Post*, December 24, 2019.
- 44 "Xi Jinping wanted global dominance. He overshoot," *New York Times*, May 7, 2019.
- 45 *Ibid*
- 46 Chuin-Wei Yap et al., "Huawei's years long rise is littered with accusations of theft and dubious ethics," *Wall Street Journal*, May 25, 2019; "Huawei accused of scheme to steal semiconductor technology from US start-up to help China achieve total dominance," *South China Morning Post*, October 18, 2018; Michael Schuman, "Why Alibaba's massive counterfeit problem will never be solved," *Forbes*, November 4, 2015; Kate O'Keefe, "Huawei boss accused of tech theft," *Wall Street Journal*, May 23, 2019; Chuin-Wei Yap, "Huawei propelled by Beijing's billions," *Wall Street Journal*, December 26, 2019.
- 47 Lulu Yilun Chen, "China claims more patents than any country — most are worthless," *Bloomberg*, September 26, 2018.
- 48 Fran Wang, "China's 'weak' research can't break foreign technology 'stranglehold'; legislators warn," *Cairin*, December 25, 2018;

- James McGregor, "China's drive for 'indigenous innovation' — a web of industrial policies" (US Chamber of Commerce et al., July 2010); Lingling Wei and Bob Davis, "How China systematically prizes technology from U.S. companies," *Wall Street Journal*, September 26, 2018.
- 49 Steve Dickinson, "Does China WANT a second decoupling? The Chinese texts say that it does," *China Law Blog*, June 21, 2019.
- 52 US Trade Representative (USTR), "Update concerning China's acts, policies and practices related to technology transfer, intellectual property, and innovation" (November 2018); Rob Barry and Dustin Voltz, "Inside China's major corporate hack," *Wall Street Journal*, December 31, 2019; David E. Sanger, "Chinese cyberthieves step up efforts to snag U.S. technology," *New York Times*, November 30, 2018; Brian Spegele and Kate O'Keefe, "China maneuvers to snag American space technology," *Wall Street Journal*, December 5, 2018; Ellen Nakashima and Paul Sonne, "China hacked a Navy contractor and secured a trove of highly sensitive data on submarine warfare," *Washington Post*, June 8, 2018; "China's military built with cloned weapons," *USNI News*, October 27, 2015; "'Huge fan of your work': How Turbine Panda and China's top spies enabled Beijing to cut corners on the C919 passenger jet" (October 2019).
- 53 Hal Brands, "How China went from a business opportunity to enemy no.1," *Financial Times*, September 6, 2018.
- 54 David Lawder et al., "Exclusive: China backtracked on almost all aspects of U.S. trade deal — sources," *Reuters*, May 8, 2019; Michael Nienaber, "Germany to create fund to foil foreign takeovers after China moves," *Reuters*, March 20, 2019; Arne Delfs, "Germany toughens stance and blocks China deal," *Bloomberg*, August 1, 2018.
- 55 "U.S. businesses no longer 'positive anchor' for U.S.-China relations: Chamber," *Reuters*, April 17, 2019.
- 56 Dimitri Simes, "Russia up in arms over Chinese theft of military technology," *Nikkei Asian Review*, December 20, 2019.
- 57 Austin Ramzy and Chris Buckley, "'Show absolutely no mercy': Inside China's mass detentions," *New York Times*, November 17, 2019; David Stavrou, "A million people are jailed in China's gulags. I managed to escape. Here's what really goes on inside," *Haaretz*, October 17, 2019.
- 58 Simon Kruse and Lene Winther, "Banned recording reveals China ambassador threatened Faroese leader at secret meeting," *Berlingske*, December 29, 2019. 中国参盟(中国) Keegan Elmer and Wendy Wu, "China cancels trade visit to Sweden over detained bookseller Gui Minhai's free speech award," *South China Morning Post*, December 10, 2019. 中国参盟(中国) Tony Czuczka and Steven Arons, "China threatens retaliation should Germany ban Huawei 5G," *Bloomberg*, December 16, 2019.
- 59 "Efforts to split China will end in 'bodies smashed and bones ground to powder,' says Chinese president Xi Jinping," *Hong Kong Free*

- Press, October 14, 2019.
- 60 Raymond Zhong and Li Yuan, "Wary of trade fight, China mutes its aims of tech glory," *New York Times*, June 27, 2018; Tianyu Fang, "China should stop exaggerating its technological advancements, says state-owned newspaper editor," *SuperChina*, June 28, 2018; Bandurski, "In translation."
 - 61 Willy Wo-Lap Lam, "Xi's grip loosens amid trade war policy paralysis," *Lamestown Foundation*, August 1, 2018.
 - 62 Deng Yuwen, "Trade war raises the spectre of a 'China collapse', and Beijing should worry," *South China Morning Post*, August 15, 2018.
 - 63 Li Yuan, "Cheering on Trump in China," *New York Times*, April 17, 2019.
 - 64 "Basic Law of the Hong Kong Special Administrative Region of the Peoples Republic of China."
 - 65 Zheping Huang and Echo Huang, "A brief history: Beijing's interpretations of Hong Kong's Basic Law, from 1999 to the present day," *Quartz*, November 7, 2016.
 - 66 Cui Tiansai, "One country, two systems is the best system for Hong Kong, China and the world — including America," *Newsweek*, August 2, 2019.
 - 67 Tony Cheung et al., "Alliance for True Democracy proposal wins Occupy Central poll as nearly 800,000 Hongkongers vote," *South China Morning Post*, June 29, 2014. 占中聯盟的「J」 Alice Woodhouse and Nicolle Liu, "Hong Kong protesters go into creative overdrive," *Financial Times*, October 16, 2019.
 - 68 Kinling Lo and Jun Mai, "Beijing to prioritize turning Hong Kongers into patriots," *Inkstone*, November 1, 2019.
 - 69 Alex Palmer, "The case of Hong Kong's missing booksellers," *New York Times*, April 3, 2018; Tony Cheung and Christy Leung, "Hong Kong police investigate democracy activist's claim he was kidnapped and tortured by mainland China agents," *South China Morning Post*, August 11, 2017.
 - 70 "Hong Kong's future leader must 'love China'," *Wall Street Journal*, March 26,
 - 71 Kevin Lui, "Four more Hong Kong lawmakers ousted in blow to democratic hopes," *Time*, July 14, 2017; Austin Ramzy, "Hong Kong bars another democracy supporter from running for office," *New York Times*, October 12, 2018; Alvin Lum et al, "Democracy activist Joshua Wong slams 'politically driven decision' to bar him from running in Hong Kong district council election," *South China Morning Post*, October 19, 2019.

- Joshua Wong and Alex Crow, "Hong Kongers will not be cowed by China," *New York Times*, September 4, 2019.
- Anna Fifield, "China's army just released a video showing soldiers practicing shooting protesters," *Washington Post*, August 1, 2019.
- Edvarado Baptista, "Writing on the wall: A tour of Hong Kong's protest graffiti," *The Economist* 1843 Magazine, December 6, 2019.
- Anna Fifield, "Taiwan's born independent' millennials are becoming Xi Jinping's lost generation," *Washington Post*, December 26, 2019.
- Michele Chen, "Hong Kong protesters and militant Chinese workers point the way to a new kind of internationalism," *Common Dreams*, July 30, 2019.
- Keith Bradsher et al., "In Hong Kong, a banner day for democracy," *New York Times*, November 25, 2019.
- "Instigating violence is doomed to fail," *People's Daily*, December 2, 2019; "Chinese people will not be intimidated by any threats," *People's Daily*, December 2, 2019.
- "Hong Kong takes to the streets in massive show of support for pro-democracy movement," *Market Watch*, December 8, 2019, Sum Lok-kei, "Nearly a fifth of Hong Kong voters say they support violent actions by protesters, such as attacking opponents or hurling petrol bombs and bricks," *South China Morning Post*, December 21, 2109.
- Zoe Low, "Hong Kong's uncles and aunts take on role of guardian angels, watching over the young protesters amid violence," *South China Morning Post*, October 5, 2019; Tiffany May and Paul Mozur, "Parents of besieged Hong Kong protesters come to the front lines," *New York Times*, November 19, 2019; John Lyons, "'You don't have to face it alone.' Hong Kong protests propelled by hidden support network," *Wall Street Journal*, September 20, 2019.
- Kris Cheng and Holmes Chan, "Arrest at Uighur solidarity demo in Hong Kong, as riot police point pistol at protesters," *Hong Kong Free Press*, December 22, 2019.
- Sue-Lin Wong and Qianer Liu, "Haweei critics inspired by Hong Kong protests," *Financial Times*, December 13, 2019.
- "Even Taiwan's China-friendly opposition cool to reunification plan," *Strait Times*, January 4, 2019.
- Fifield, "Taiwan's 'born independent' millennials"; Eva Dou, "Taiwan's president criticizes Beijing, courts support," *Wall Street Journal*, November 11, 2019; K. Thor Jensen, "Taiwan's offer of amnesty for Honk Kong protesters draws fire from mainland China," *Newsweek*, August 19, 2019.
- David Bandurski, "'Project Dazzling Snow': How China's total surveillance experiment will cover the country," *Hong Kong Free Press*,

- August 12, 2018. Paul Mozur and Aaron Krolnik, "China's blueprint for a digital totalitarian state," *New York Times*, December 18, 2019.
- 61 习近平参盟のりふ° Germie Barné, "They're afraid," *China Heritage*, April 29, 2019. 习近平参盟のりふ° "An introduction to Li Zhi and his music," *China Digital Space*.
- 92 Javier C. Hernandez, "In China, spies in classrooms inhibit speech," *New York Times*, November 1, 2019.
- 93 Anna Fifield, "In Xi Jinping's China, a top university can no longer promise freedom of thought," *Washington Post*, December 18, 2019.
- 94 习近平参盟のりふ° Steve Stecklow et al., "U.S. ban on sales to China's ZTE opens fresh front as tensions escalate," Reuters, April 16, 2018. 习近平参盟のりふ° Wang Yanfei, "China leads in industrial revolution," *China Daily*, December 6, 2017; Ma Si et al., "Breakthroughs confirm China's rise as a global high-tech player," *China Daily*, October 20, 2017; Ma Si, "China a pioneer in AI innovation," *China Daily*, March 27, 2018.
- 95 Li Yang, "Vaccine scandal has shattered public trust in supervision," *China Daily*, July 25, 2018; Javier C. Hernandez, "In China, vaccine scandal infuriates parents and tests government," *New York Times*, July 23, 2018; Laurie Chen and Kristen Huang, "Chinese president Xi Jinping orders crackdown on 'appalling' vaccine scandal," *South China Morning Post*, July 23, 2018; Echo Huang, "The world is getting a harsh taste of China's unsafe medicine supply chain," *Quartz*, August 9, 2018.
- 96 "Woman who splashed Xi Jinping poster sent to psychiatric hospital," *Radio Free Asia*, July 23, 2018.
- 97 "Chinese commentators take aim at Xi Jinping's unlimited presidency, lack of reform," *Radio Free Asia*, August 1, 2018.
- 98 Translation by Germie Barné published as "Imminent fears, immediate hopes — a Beijing jeremiad," *China Heritage*, August 1, 2018. 习近平参盟のりふ° "Xu Zhangrun's China: 'Licking carbuncles and sucking abscesses,'" *China Change*, August 1, 2018.
- 99 Jerome A. Cohen, "Xi Jinping sees some pushback against iron-fisted rule," *Washington Post*, August 2, 2018.
- 100 Qiao Long, "China launches 'patriotic struggle' campaign targeting intellectuals," *Radio Free Asia*, August 3, 2018; "Amid economic uncertainty, Beijing silences critics," *China Digital Times*, July 18, 2018.
- 101 Translation published as "I will not submit, I will not be cowed," *China Heritage*, October 10, 2019.
- 103 Javier C. Hernandez, "Taking risk, Chinese students protest limits on free speech," *New York Times*, December 19, 2019.
- 104 Philip Wen, "Demand for absolute loyalty to Beijing at Chinese universities triggers dissent," *Washington Post*, December 18, 2018.
- 105 Phoebe Zhang, "Chinese library sparks outrage over report staff burned 'banned books,'" *South China Morning Post*, December 9, 2019;

- Gerry Shih, "China's library officials are burning books that diverge from Communist Party ideology," *Washington Post*, December 9, 2019.
- 101 Elaine Yau, "The Bookworm, a centre of literary life in Beijing, to close, unable to renew its lease amid crackdown on 'illegal structures,'" *South China Morning Post*, November 5, 2019; Eva Li, "Why Shanghai's best-known liberal bookshop is closing down," *South China Morning Post*, July 16, 2017.
- 107 Brian Wang, "China defense budget increases by 8.1% but police state budget is still 20% more," *Next Big Future*, March 7, 2008.
- 108 正门旁参照 9.1.20 Zhao Yiman, "Li calls for a 'new attitude' by officials," *China Daily*, March 6-8, 2015; "China's hummed out bureaucrats," *Bloomberg Businessweek*, March 2019, 44-45.
- 109 Yi-Zheng Lian, "Could there be another Chinese revolution?" *New York Times*, September 7, 2018.
- 110 Ramzy and Buckley, "Show absolutely no mercy": International Consortium of Investigative Journalists (ICIJ), "Exposed: China's operating manuals for internment and arrest by algorithm" (November 2019).
- 111 David Connett et al., "Pinochet arrested in London," *Guardian*, October 17, 1998; Azeem Ibrahim, "China must answer for cultural genocide in court," *Foreign Policy*, December 3, 2019.
- 112 Javier C. Hernandez, "Wealthy Chinese scramble for imperiled commodity: American 'golden visa,'" *New York Times*, April 28, 2017; Robert Frank, "More than a third of Chinese millionaires want to leave China: Here's where they want to go," *CNBC*, July 5, 2018; Rachel Wang, "Why China's rich want to leave," *The Atlantic*, April 11, 2013; Wang Zhuoqiong, "Chinese students head overseas at younger ages," *China Daily*, August 2, 2013; Hurun Research Institute and Visas Consulting Group, "Immigration and the Chinese HNWLs 2018" (June 2018).
- 113 Michael Cole, "Canada slams door on 45K Chinese millionaires with end of visa program," *Forbes*, February 13, 2014.
- 114 Paul Vieira et al., "Western cities want to slow flood of Chinese home buying: Nothing works," *Wall Street Journal*, June 6, 2018; Yuan Yang and Emily Feng, "China's buyers defy law to satisfy thirst for foreign homes," *Financial Times*, March 13, 2018.
- 115 Laura He, "Money has been leaving China at a record rate. Beijing is battling to stem the tide," *CNN*, December 19, 2019.
- 116 Birtles, "If China's on the rise, why do many want out?"
- 117 "Hundreds ill at 'toxic school' near chemical plants," *China Digital Times*, April 18, 2016; "Anger over 'disgusting' food found in Chinese school kitchen," *BBC News*, March 14, 2019; Wang Yiwei, "Parents fuming over investigation into school's toxic track," *Sixth Tone*, January

- 23, 2019.
- 118 He Huiheng, "Desperate Chinese middle class take big risks to move money, themselves, overseas," *South China Morning Post*, October
 14, 2018; Phoebe Zhang, "Why West means best for middle-class parents fleeing the Chinese education system," *South China Morning Post*,
 June 29, 2019.
- 119 Liu Xiaobo, "Charter 08," Perry Link trans. and commentary, *New York Review of Books*, January 15, 2009.
- 120 Smith, "Green capitalism," 49; Smith, "Six theses"; Smith, "An ecosocialist path." 资本主义的生态社会主义 Olivia Boyd, "Civil society
 needed to enforce environmental law," *China Dialogue*, October 20, 2016.
- 121 Kim Stanley Robinson, *Red Moon* (New York: Orbit, 2019).
- 122 Bruce Gilley, *China's Democratic Future* (New York: Columbia University, 2004).
- 123 "Can Hong Kong's resistance win?" *New York Times*, July 12, 2019.
- 124 "Can Hong Kong's resistance win?" *New York Times*, July 12, 2019.
- 125 大陆抗议 资本主义的生态社会主义 Eric Fish, "1919-2019: A century of youth protest and ideological conflict around May 4," *SupChina*, May 1,
 2019; David Bandurski, "Burying 'Mr. Democracy,'" *China Media Project*, May 3, 2019; Ian Johnson, "A specter is haunting Xi's China: 'Mr.
 Democracy,'" *New York Review of Books*, April 19, 2019.
- 126 Denise Lu and Christopher Flavelle, "Erased by rising seas by 2050," *New York Times*, October 30, 2019; Damian Carrington, "Climate
 crisis: 11,000 scientists warn of 'untold suffering,'" *Guardian*, November 5, 2019.
- 127 Steven Mufson, "This documentary went viral in China. Then it was censored. It won't be forgotten," *Washington Post*, March 16, 2015.