

Appendix: Key Chinese Language Terms and Phrases

中文

生态文明
循环发展
低碳发展
国土空间
非石化能源
循环经济
生态环境
沼气
地热
生物质能源
智能电网
有机农业
湿地
水土保持
退牧还草
退耕还湿
石漠化
气候变化
生物多样性
生态补偿
生态红线
有机产品认证
可再生能源
石化能源
矿产资源
卫星遥感技术
一次性用品
大气环境保护
煤改气
煤改电
燃煤锅炉

拼音

shēng tài wén míng
xún huán fā zhǎn
dī tàn fā zhǎn
guó tǔ kōng jiān
fēi shí huà néng yuán
xún huán jīng jì
shēng tài huán jīng
zhǎo qì
dì rè
shēng wù zhì néng yuán
zhì néng diàn wǎng
yǒu jī nóng yè
shī dì
shuǐ tǔ bǎo chí
tuì mù hái cǎo
tuì gēng hái shī
shí mò huà
qì hòu biàn huà
shēng wù duō yàng xìng
shēng tài bǔ cháng
shēng tài hóng xiàn
yǒu jī chǎn pǐn rèn zhèng
kě zài shēng néng yuán
shí huà néng yuán
kuàng chǎn zī yuán
wèi xīng yáo gǎn jì shù
yī cì xīng yòng pǐn
dà qì huán jīng bǎo hù
méi gǎi qì
méi gǎi diàn
rán méi guō lú

英文

eco-civilization
cyclical development
low carbon development
national land space
non fossil energy
cyclical economy
ecological environment
methane
geothermal
bioenergy
smart grid
organic agriculture
wetland
earth and water conservation
return grazing land to grassland
return farmland to grassland
stony desertification
climate change
biological diversity
ecological compensation
ecological redline
organic product certification
renewable energy
fossil energy
mineral resources
satellite remote sensing technology
disposable product
atmosphere environment protection
convert coal to natural gas
convert coal to electricity
coal burning boiler

中文

智能交通
 石油炼制企业
 过剩产能
 有色金属
 地源热泵
 二氧化硫
 氮氧化物
 酸雨
 因变量
 自变量
 环境权威主义
 生态现代化
 可持续发展
 地方保护主义
 外部性
 雾霾
 公益诉讼
 群体性运动
 边缘化
 高耗能行业
 煤炭净调入地区
 先进煤炭燃烧和气化
 近零排放
 脱硫
 脱硝
 低硫煤
 光伏
 液化天然气
 页岩气
 乙醇
 生物柴油

拼音

zhì néng jiāo tōng
 shí yóu liàn zhì qǐ yè
 guò shèng chǎn néng
 yǒu sè jīn shǔ
 dì yuán rè bèng
 èr yǎng huà liú
 dàn yǎng huà wù
 suān yǔ
 yīn biàn liàng
 zì biàn liàng
 huán jīng quán wēi zhǔ yì
 shēng tài xiàn dài huà
 kě chí xù fā zhǎn
 dì fāng bǎo hù zhǔ yì
 wài bù xìng
 wù mái
 gōng yì sù sòng
 qún tǐ xìng yùn dòng
 biān yuán huà
 gāo hào néng háng yè
 méi tàn jīng diào rù dì qū
 xiān jìn méi tàn rán shāo hé qì huà
 jìn líng pái fàng
 tuō liú
 tuō xiāo
 dī liú méi
 guāng fú
 yè huà tiān rán qì
 yè yán qì
 yǐ chún
 shēng wù chái yóu

英文

intelligent transportation
 oil refinery company
 excessive production capacity
 non-ferrous metal
 geothermal heat pump
 sulfur dioxide
 nitrogen oxide
 acid rain
 dependent variable
 independent variable
 environmental authoritarianism
 ecological modernization
 sustainable development
 local protectionism
 externality
 smog
 public interest litigation
 mass scale movement
 marginalized
 energy intensive industry
 net importing area of coal
 advanced coal burning and gasification
 close to zero emission
 desulfuration
 denitrification
 low sulfur coal
 photovoltaic
 liquified natural gas
 shale gas
 ethanol
 biodiesel

中文

电动汽车
混合动力车
战略储备
内燃机
热电联产
氢能
物联网
工业革命
碳交易
碳关税
特高压技术

拼音

diàn dòng qì chē
hún hé dòng lì chē
zhàn luè chǔ bèi
nèi rán jī
rè diàn lián chǎn
qīng néng
wù lián wǎng
gōng yè gé mìng
tàn jiāo yì
tàn guān shuì
tè gāo yā jì shù

英文

electric car
hybrid car
strategic reserve
combustion engine
heat and power cogeneration
hydrogenic energy
internet of things
industrial revolution
carbon trading
carbon tariff
ultra high pressure technology

Recommended books on China's Environment and Energy

- Elizabeth C. Economy, *The River Runs Black, Ithaca: Cornell University Press* (2010).
- Mark Elvin, *The Retreat of the Elephants: An Environmental History of China*, New Haven: Yale University Press (2004).
- Ma Jun, *China's Water Crisis*, Norwalk, CT: EastBridge (2004).
- Jonathan Watts, *When A Billion Chinese Jump: How China Will Save Mankind - Or Destroy It*, New York: Simon & Schuster (2010).
- Elizabeth C. Economy and Michael Levi, *By All Means Necessary: How China's Resource Quest is Changing the World*, New York: Oxford University Press (2014).
- Judith Shapiro, *Mao's War Against Nature: Politics and the Environment in Revolutionary China*, New York: Cambridge University Press (2001).
- Joanna Lewis, *Green Innovation in China: China's Wind Power Industry and the Global Transition to a Low-Carbon Economy*, New York: Columbia University Press (2012).
- Kelly Sims Gallagher, *The Globalization of Clean Energy Technology: Lessons from China*, Cambridge, MA: MIT Press (2014).
- Damien Ma and William Adams, *In Line Behind a Billion People: How Scarcity Will Define China's Ascent in the Next Decade*,

New Jersey: FT Press (2013).

- Sam Geall, and Isabel Hilton (eds), *China and the Environment: The Green Revolution*, London, UK: Zed Books (2013).
- Chris P. Nielsen, Mun S. Ho, *Clearer Skies over China: Reconciling Air Quality, Climate and Economic Goals*, Cambridge: The MIT Press (2014).
- Philip Andrews-Speed, *Governance of Energy in China: Transition to a Low Carbon Economy*, Palgrave Macmillan (2012).
- Andrew Mertha, *China's Water Warriors: Action and Policy Change*, Cornell University Press (2008).
- Rachel Stern, *Environmental Litigation in China: A Study in Political Ambivalence*, Cambridge University Press (2014).

Online Sources for China's Environment and Energy

- [China and the Environment](#), The New York Times
- [The Sinocism China Newsletter](#)
- [China Environment Forum](#), Woodrow Wilson Center for International Scholars
- [Chinadialogue](#)
- Lauri Myllyvirta, [Greenpeace EnergyDesk](#)
- Barbara Finamore, [NRDC Switchboard](#)
- [Choke Point: China, Circle of Blue](#)
- [Environment](#), ChinaFile: <http://www.chinafile.com/topic/environment>
- [Environment](#), Caixin Online: <http://english.caixin.com/environment/>

caixin.com/environment/

- [绿政公署, 澎湃新闻](#) [Environment, The Paper]
- [China Water Risk](#)
- [China FAQs](#), World Resources Institute
- [中国能源报](#) [China Energy News]