

Resource Guide for East Asia – Prepared for the Global Teacher Seminar 2020

Where does our food come from? Global Agricultural and Economic Sustainability

1. Wilson Center

- The Wilson Center is a nonpartisan group of scholars offering independent research, open dialogue, and actionable ideas: <https://www.wilsoncenter.org/>
- China Environment Forum: <https://www.wilsoncenter.org/program/china-environment-forum>
- China Increasing Agricultural Production on a Sea of Plastic (article, 2020): <https://www.newsecuritybeat.org/2020/04/china-increasing-agricultural-production-sea-plastic/>
- Pig Disease is Creating a Mountainous Solid Waste Problem (article, 2020): <https://www.newsecuritybeat.org/2020/02/pig-disease-creating-mountainous-solid-waste-problem/>
- Reclaiming China’s Worn-out Farmland: Don’t Treat Soil Like Dirt (article, 2019): https://www.newsecuritybeat.org/2019/05/reclaiming-chinas-worn-out-farmland-dont-treat-soil-dirt-2/?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+TheNewSecurityBeat+%28New+Security+Beat%29
- Not Too Big—Not Too Small—Just Right: Sand Bioreactor Wastewater Treatment in Chinese Villages (article, 2019): https://www.newsecuritybeat.org/2019/05/big-not-small-just-right-sand-bioreactor-wastewater-treatment-chinese-villages/?utm_source=feedburner&utm_medium=email&utm_campaign=Feed%3A+TheNewSecurityBeat+%28New+Security+Beat%29
- Making Food Safe and Sustainable in China (online lecture, 2016): <https://www.wilsoncenter.org/event/making-food-safe-and-sustainable-china-0>
- Dealing with a Toxic Legacy: Soil Pollution in China (online lecture, 2014): <https://www.wilsoncenter.org/event/dealing-toxic-legacy-soil-pollution-china>
- Insights on Ending Famines, Creating Food Security, and Fostering Thriving Livelihoods in a Changing World (online lecture, 2017) <https://www.wilsoncenter.org/event/insights-ending-famines-creating-food-security-and-fostering-thriving-livelihoods-changing>
- Rural Climate Action in the U.S. and China (online lecture, 2020): <https://www.wilsoncenter.org/event/rural-climate-action-us-and-china>

2. Food and Agriculture Organization of the United Nations (FAO)

- FAO is a United Nations agency that leads international efforts to defeat hunger: www.fao.org
- FAOSTAT: free access to food and agriculture statistics (1961 to most recent): <http://www.fao.org/faostat/en/#home>
- Tracking progress on food and agriculture-related SDG indicators (Report): <http://www.fao.org/sdg-progress-report/en/>
- The State of Food Security and Nutrition in the World (Report, 2019): <http://www.fao.org/3/ca5162en/ca5162en.pdf>
- The State of Food and Agriculture: Moving Forward on Food Loss and Waste Reduction (Report, 2019): <http://www.fao.org/3/ca6030en/ca6030en.pdf>
- FAO Food Price Index (monthly change in international prices of food commodities): <http://www.fao.org/worldfoodsituation/foodpricesindex/en/>

Resource Guide for East Asia – Prepared for the Global Teacher Seminar 2020

Where does our food come from? Global Agricultural and Economic Sustainability

3. Asian Development Bank (ADB)

- ADB’s mission is to “achieve a prosperous, inclusive, resilient, and sustainable Asia and the Pacific, while sustaining our efforts to eradicate extreme.” Focus includes Agricultural and Food Productivity:
- COVID-19 highlights the need for safe, nutritious, and affordable food (blog post): <https://blogs.adb.org/blog/covid-19-highlights-need-safe-nutritious-and-affordable-food>
- Information and Communication Technology for Agriculture in the People’s Republic of China (Report, 2019): <https://www.adb.org/publications/ict-technologies-agriculture-rural-china>
- Finding the right balance in food production (blog post): <https://blogs.adb.org/blog/finding-right-balance-food-production>

4. The World Bank

- The World Bank is a global partnership looking for sustainable solutions to reduce poverty and build shared prosperity in developing countries. www.worldbank.org
- Agriculture and Food section contains overview, strategy, results of projects by country, and partners: <https://www.worldbank.org/en/topic/agriculture/overview>
- Integrated Modern Agriculture Development Project (China since 2014) <https://projects.worldbank.org/en/projects-operations/project-detail/P125496?lang=en>
- Three imperatives to keep food moving in a time of fear and confusion (blog post): <https://blogs.worldbank.org/voices/three-imperatives-keep-food-moving-time-fear-and-confusion>
- How to Green Agriculture in East Asia: Solutions for Cleaner and Safer Food Production (infographic): <https://www.worldbank.org/en/news/infographic/2018/03/22/how-to-green-agriculture-in-east-asia-solutions-for-cleaner-and-safer-food-production>
- The Challenge of Agricultural Pollution : Evidence from China, Vietnam, and the Philippines (book, downloadable): <https://openknowledge.worldbank.org/handle/10986/29187>
- Technology Drives Sustainable Agricultural Development in China: <https://www.worldbank.org/en/news/feature/2015/10/23/technology-drives-sustainable-agricultural-development-in-china>
- Who Will Feed China in the 21st Century? Income Growth and Food Demand and Supply in China (article, 2014) <http://documents.worldbank.org/curated/en/979211468217459841/pdf/WPS6926.pdf>

5. United Nations Environment Program

- <https://www.unenvironment.org/>
- The United Nations Environment Program (UN Environment) is the leading global environmental authority that sets the global environmental agenda, promotes the coherent implementation of the environmental dimension of sustainable development within the United Nations system, and serves as an authoritative advocate for the global environment.

Resource Guide for East Asia – Prepared for the Global Teacher Seminar 2020

Where does our food come from? Global Agricultural and Economic Sustainability

6. International Institute for Environment and Development

- Featured themes include “Food and Agriculture” and “Sustainable Markets”
www.iied.org
- Ecosystem-based approaches to adaptation: strengthening the evidence and informing policy Research results from the Participatory Plant Breeding and Community Supported Agriculture (Project, China)
<https://pubs.iied.org/pdfs/17624IIED.pdf>
- Sustainable agriculture in China: then and now (article, 2015) <https://www.iied.org/sustainable-agriculture-china-then-now>

7. United States Department of Agriculture (Economic Research Service)

[United States Department of Agriculture Economic Research Service](#)

- <https://www.ers.usda.gov/topics/international-markets-us-trade/countries-regions/china/>
- [Japan, Vietnam, and the Asian Model of Agricultural Development and Trade](#)
- [USDA ERS - Japan & South Korea](#)
- [The Rice Market in South Korea](#)
- [USDA ERS - Trade](#)
- [PDF] [Dairy Policies in Japan - USDA ERS](#)
- [PDF] [Pork Policies in Japan - USDA ERS](#)
- [USDA ERS - Market Outlook](#)
- [USDA ERS - Pork Policies in Japan](#)
- [Japanese Beef Imports by Exporting Source and the Impacts ...](#)
- [USDA ERS - Growing Beef Consumption in Japan](#)
- [USDA ERS - Japan's Beef Market](#)
- [USDA ERS - Organic Trade](#) (Japan, Taiwan and South Korea top trade partners)
- [USDA ERS - U.S. Food Imports](#)
- [USDA ERS - By Commodity](#)
- [Japan's Agri-Food Sector and the Trans-Pacific Partnership](#)
- [USDA ERS - Is Japan Ready for Competition in Its Ag Markets?](#)
- [USDA ERS - Agricultural Trade](#) (East Asia and North America top regions for U.S. agricultural exports)
- [Asia-Pacific Transportation Infrastructure: Linking Food ...](#)
- [PDF] [Ag and Food Statistics: Charting the Essentials, February 2020](#)
- www.ers.usda.gov/webdocs/publications/96957/ap-083.pdf?v=8680.3
- [USDA ERS - Rice Sector at a Glance](#)
- [World Agricultural Trade Experiences Sizable Growth but ...](#)
- [USDA ERS - Where Will Demographics Take the Asia-Pacific ...](#)

Resource Guide for East Asia – Prepared for the Global Teacher Seminar 2020

Where does our food come from? Global Agricultural and Economic Sustainability

8. Food security in China:

- As the coronavirus disrupts food supply chains, who will feed China? (article, 2020) <https://www.scmp.com/week-asia/opinion/article/3079365/coronavirus-disrupts-food-supply-chains-who-will-feed-china>
- Reuters: China soil pollution efforts stymied by local governments: Greenpeace (article, 2019) <https://www.reuters.com/article/us-china-pollution-soil/china-soil-pollution-efforts-stymied-by-local-governments-greenpeace-idUSKCN1RT04D>
- China's soil deterioration may become growing food crisis, adviser claims (article, 2010) <https://www.theguardian.com/environment/2010/feb/23/china-soil-deterioration-food-supply>
- AGRICULTURE IN CHINA: CHALLENGES, SHORTAGES, IMPORTS AND ORGANIC FARMING (article, 2013) <http://factsanddetails.com/china/cat9/sub63/item348.html>
- National Bureau of Statistics of China <http://www.stats.gov.cn/english/> Includes statistical database

9. Agriculture in Japan:

- Ministry of Agriculture, Forestry and Fisheries (MAFF): <https://www.maff.go.jp/e/>
- Promotion of Smart Agriculture (MAFF): https://www.maff.go.jp/e/policies/tech_res/smaagri/attach/pdf/robot-1.pdf
- How Japan is revolutionizing agriculture without land or workers (article, 2019) <https://blueberriesconsulting.com/en/como-japon-esta-revolucionando-la-agricultura-sin-tierra-ni-trabajadores/>
- Agriculture in Japan <https://www.britannica.com/topic/agriculture/Japan>
- Japan's farmers adopt smart technology to streamline rice growing: Drones and GPS-ready planters have the potential to make up for scarce workers <https://asia.nikkei.com/Business/Business-trends/Japan-s-farmers-adopt-smart-technology-to-streamline-rice-growing>

10. Agriculture in South Korea:

- Korea Rural Economic Institute: <https://www.krei.re.kr/eng/contents.do?key=358>
- Ministry of Agriculture, Food and Rural Affairs: <https://www.mafra.go.kr/english/index.do>
- Agriculture in South Korea <https://www.britannica.com/place/South-Korea/Agriculture-forestry-and-fishing>

Lesson Plans:

- Brown L. R. Who will Feed China? Wake-up Call for a Small Planet? *The WorldWatch Environmental Alert Series* (W. W. Norton & Company, New York, USA, 1995). <https://archive.org/details/Who-Will-Feed-China/page/n13/mode/2up>
- Lesson plan using above book: <https://fga.freac.fsu.edu/resources/drferald/whowillfeedchina.pdf>