

Environment in Premodern & Early Modern Japan

General

Barnes, Gina L. "Japan's Natural Setting." In *Japan Emerging: Premodern History to 1850*, edited by Karl Friday, 3–15. New York: Westview Press.

Barnes, Gina L. "Vulnerable Japan: The Tectonic Setting of Life in the Archipelago." In *Environment and Society in the Japanese Islands: From Prehistory to the Present*, edited by Philip C. Brown and Bruce L. Batten, 21–42. Corvallis: Oregon State University Press, 2015.

Batten, Bruce L. "Climate and Environment in History." In *Routledge Handbook of Premodern Japanese History*, edited by Karl F. Friday, 23–37. Abingdon, Oxon, and New York: Routledge, 2017.

Bichler, Regina M. 2023. "Harm and Harmony—Concepts of Nature and Environmental Practice in Japan" *Histories* 3, no. 2: 62–75.
<https://doi.org/10.3390/histories3020006>

Cook, E.R., Krusic, P.J., Anchukaitis, K.J. et al. "Tree-ring Reconstructed Summer Temperature Anomalies for Temperate East Asia since 800 C.E." *Climate Dynamics* 41 (2013): 2957–72.

Goto Shusaku, Hideki Hamamoto and Makoto Yamano. "Climatic and environmental changes at the Southeastern coast of Lake Biwa over

the past 3000 years, inferred from borehole temperature data." *Physics of the Earth and Planetary Interiors* 152, no.4 (2005): 314–25.

Miller, Ian Jared, Julia Adeney Thomas, and Brett L. Walker, eds. *Japan at Nature's Edge: The Environment of a Global Power*. Honolulu: University of Hawai'i Press, 2013.

Pflugfelder, Gregory M., and Brett L. Walker, eds. *JAPANimals: History and Culture in Japan's Animal Life*. Ann Arbor: Center for Japanese Studies The University of Michigan, 2005.

von Verschuer, Charlotte. *Rice, Agriculture, and the Food Supply in Premodern Japan*. Translated and edited by Wendy Cobcroft. London: Routledge, 2016

Totman, Conrad. *Japan: An Environmental History*. London: Tauris, 2014.

Totman, Conrad. *Pre-Industrial Korea and Japan in Environmental Perspective*. Leiden: Brill, 2004.

Ancient/Classical

Farris, William Wayne. *Population, Disease, and Land in Early Japan, 645–900*. Cambridge: Harvard University Press, 1995.

Farris, William Wayne. *Daily life and demographics in ancient Japan*. Ann Arbor: The University of Michigan, 2009.

Farris, William Wayne. "Famine, Climate, and Farming in Japan, 670–1100." In *Heian Japan, Centers and Peripheries*, edited by Mikael Adolphson, Edward Kamens, and Stacie Matsumoto, 275–304. Honolulu: University of Hawai'i Press, 2007.

Goodwin, Janet R. "Claiming the Land: Chōgen and the Development of Ōbe Estate." In *Land, Power, and the Sacred: The Estate System in Medieval*

Japan, edited by Janet R. Goodwin and Joan R. Piggott, 231–252.
Honolulu: University of Hawai'i Press, 2018.

Kawasumi Tatsunori. "Settlement Patterns and Environment of Heijō-kyō, an Ancient Capital City Site in Japan." In *Environment and Society in the Japanese Islands: From Prehistory to the Present*, edited by Bruce L. Batten and Philip C. Brown, 43–57. Corvallis: Oregon State University Press, 2015.

Ōyama Kyōhei. "Beyond the Secular: Villages, Estates, and the Ideology behind Chōgen's Land Reclamation Projects." In *Land, Power, and the Sacred: The Estate System in Medieval Japan*, edited by Janet R. Goodwin and Joan R. Piggott, 211–230. Honolulu: University of Hawai'i Press, 2018.

Piggott, Joan R. "Loggers and Cultivators of Nabari: Tōdaiji's Kuroda Estate in Heian Times." In *Land, Power, and the Sacred: The Estate System in Medieval Japan*, edited by Janet R. Goodwin and Joan R. Piggott, 164–196. Honolulu: University of Hawai'i Press, 2018.

Totman, Conrad. "The Ancient Predation, 600–850." In *The Green Archipelago: Forestry in Preindustrial Japan*, 9–33. Berkeley: University of California Press, 1989.

Medieval

Farris, William Wayne. *Japan's Medieval Population: Famine, Fertility, and Warfare in a Transformative Age*. Honolulu: University of Hawai'i Press, 2006.

Ihara Kesao 井原今朝男, ed. *Kankyō no nihonshi v. 3: Chūsei no kankyō to kaihatsu/seigyō* 環境の日本史3: 中世の環境と開発・生業. Tokyo: Yoshikawa Kōbunkan, 2013.

Itō Keisuke. "Why Were There No Severe Famines in Fourteenth-Century Japan? Social Change, Resilience, and Climatic Cooling." *Monumenta Nipponica* 73, no. 2 (2019): 187–212.

Kimura Shigemitsu. "Agricultural Expansion and Irrigation in the Early Medieval Age." In *Land, Power, and the Sacred: The Estate System in Medieval Japan*, edited by Janet R. Goodwin and Joan R. Piggott, 143–63. Honolulu: University of Hawai'i Press, 2018.

Ono Yoshirō 小野芳郎. *Mizu no kankyō shi: "Kyō no meisui" wa naze ushinawareta ka* 水の環境史「京の名水」はなぜ失われたか. PHP kenkyūjo PHP研究所, 2001.

Totman, Conrad. "Forests and Forestry in Medieval Japan, 1050–1550." In *The Green Archipelago: Forestry in Preindustrial Japan*, 34–49. Berkeley: University of California Press, 1989.

Totman, Conrad. "Depletion during the Early Modern Predation, 1570–1670." In *The Green Archipelago: Forestry in Preindustrial Japan*, 50–80. Berkeley: University of California Press, 1989.

Osamu Saito. "Climate, Famine, and Population in Japanese History: A Long-Term Perspective." In *Environment and Society in the Japanese Islands: From Prehistory to the Present*, edited by Bruce L. Batten and Philip C. Brown, 213–229. Corvallis: Oregon State University Press, 2015.

Yoshikoshi Akihisa 吉越昭久 and Katahira Hirofumi 片平博文, eds. *Kyōto no rekishi saigai* 京都の歴史災害. Kyoto: Shibunkaku shuppan, 2012.

Early Modern

Brown, Azby. *Just Enough: Lessons in Living Green From Traditional Japan*. Clarendon: Tuttle Publishing, 2013.

- Chaiklin, Martha. "Exotic-Bird Collecting in Early-Modern Japan." In *JAPANimals: History and Culture in Japan's Animal Life*, edited by Gregory Pflugfelder and Brett Walker, 125–60. Ann Arbor: Center for Japanese Studies, The University of Michigan, 2005.
- Hanley, Susan B. "Urban Sanitation in Preindustrial Japan." *The Journal of Interdisciplinary History* 18, no. 1 (Summer 1987): 1–26.
- Howell, David. "Fecal Matters: Prolegomenon to a History of Shit in Japan." In *Japan at Nature's Edge: The Environmental Context of a Global Power*, edited by Ian Jared Miller, Julia Adeney Thomas and Brett L. Walker, 137–151. Honolulu: University of Hawaii Press, 2013.
- Jannetta, Ann. *Epidemics and Mortality in Early Modern Japan*. Princeton: Princeton University Press, 1987.
- Kelly, William. *Water Control in Tokugawa Japan: Irrigation Organization in a Japanese River Basin, 1600–1870*. Ithaca: Cornell University, 1982.
- Marcon, Frederico. "Inventorying Nature: Tokugawa Yoshimune and the Sponsorship of Honzogaku in Eighteenth-century Japan." In *Japan at Nature's Edge: The Environmental Context of a Global Power*, edited by Ian Jared Miller, Julia Adeney Thomas and Brett L. Walker, 189–206. Honolulu: University of Hawaii Press, 2013.
- Totman, Conrad. "Forestry in Early Modern Japan, 1650–1850: A Preliminary Survey." *Agricultural History* 56, no. 2 (1982): 415–25.
- Totman, Conrad. "Land-Use Patterns and Afforestation in the Edo Period." *Monumenta Nipponica* 39, no. 1 (1984): 1–10.
- Totman, Conrad. "Logging the Unloggable: Timber Transport in Early Modern Japan." *Journal of Forest History* 27, no. 4 (1983): 180–91.

Totman, Conrad. *The Green Archipelago: Forestry in Preindustrial Japan*. Berkeley: University of California Press, 1989.

Totman, Conrad. *The Origins of Japan's Modern Forests: The Case of Akita*. Honolulu: University of Hawai'i Press, 1985.

Totman, Conrad. "Preindustrial River Conservancy: Causes and Consequences." *Monumenta Nipponica* 47, no. 1 (1992): 59–76.

Totman, Conrad. "The Negative Regimen: Forest Regulation." In *The Green Archipelago: Forestry in Preindustrial Japan*, 83–115. Berkeley: University of California Press, 1989.

Walker, Brett. "Commercial Growth and Environmental Change in Early-Modern Japan: Hachinohe's Wild-Boar Famine of 1749." In *JAPANimals: History and Culture in Japan's Animal Life*, edited by Gregory Pflugfelder and Brett Walker, 163–92. Ann Arbor: The University of Michigan, 2005.

Walker, Brett. *The Conquest of Ainu Lands: Ecology and Culture in Japanese Expansion, 1590–1800*. Berkeley: University of California Press, 2001.

Walker, Brett. "Sanemori's Revenge: Insects, Eco-System Accidents, and Policy Decisions in Japan's Environmental History." *Journal of Policy History* 19, no. 1 (2007): 113–44.

Walker, Brett. *Toxic Archipelago: A History of Industrial Disease in Japan*. Seattle: University of Washington Press, 2010.

Notes

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Suggest Additions

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