

EAST ASIAN SCIENCE, TECHNOLOGY AND SOCIETY AN INTERNATIONAL JOURNAL

East Asian Science, Technology and Society (EASTS) is an interdisciplinary, quarterly journal based in Taiwan and coedited by editorial boards in Japan, South Korea, and the West. *EASTS* aims to provide an international platform for STS scholars around the world to share ideas, knowledge, and research results. *EASTS* promotes STS studies from and to the East Asian and worldwide STS communities. The journal's issues contain research and commentary on how society and culture, and the dynamics of science, technology, and medicine, are mutually shaped and coproduced. The journal publishes studies from the field of science, technology, and society (STS) and the field of science and technology studies (S&TS). It includes research articles, research notes, critical reviews, and book reviews.

Submissions Submission guidelines are available at www.dukeupress.edu/east-asian-science-technology-and-society.

World Wide Web Visit Duke University Press Journals at www.dukeupress.edu/journals.

Subscriptions Direct all orders to Duke University Press, Journals Customer Relations, 905 W. Main St., Suite 18B, Durham, NC 27701, USA. Annual subscription rates: print-plus-electronic institutions, \$382; print-only institutions, \$365; e-only institutions, \$322; e-only individuals, \$23; individuals, \$50; students, \$25. For information on subscriptions to the eDuke Scholarly Collections, contact libraryrelations@dukeupress.edu. Print subscriptions: add \$14 postage and applicable HST (including 5% GST) for Canada; add \$18 postage outside the US and Canada. Back volumes (institutions): \$365. Single issues: institutions, \$91; individuals, \$14. For more information, contact Duke University Press Journals at 888-651-0122 (toll-free in the US and Canada) or 919-688-5134; subscriptions@dukeupress.edu.

Permissions Photocopies for course or research use that are supplied to the end user at no cost may be made without explicit permission or fee. Photocopies that are provided to the end user for a fee may not be made without payment or permission fees to Duke University Press. Address requests for permission to republish copyrighted material to Rights and Permissions Manager, permissions@dukeupress.edu.

Advertising Direct inquiries to Journals Advertising Coordinator, journals_advertising@dukeupress.edu.

Indexing and Abstracting For a list of the sources in which *EASTS* is indexed/abstracted, see www.dukeupress.edu/east-asian-science-technology-and-society.

East Asian Science, Technology and Society: An International Journal
Volume 12 Number 3 September 2018

Editor's Note

Wen-Hua Kuo 231

ARTICLES

Coping with Invisible Threats: Nuclear Radiation and Science Dissemination in Maoist China

Marc Andre Matten 235

Doctors for Frontier Expansion: Japanese Physicians in Hawaii, 1868–1924

Takashi Nishiyama 257

The Making of Power Shortage: The Sociotechnical Imaginary of Nationalist High Modernism and Its Pragmatic Rationality in Electricity Planning in Taiwan

Chih-Yuan Yang, Bronislaw Szerszynski, and Brian Wynne 277

RESEARCH NOTE

Science Fiction in South and North Korea: Reading Science and Technology as Fantasized in Cultures

Dong-Won Kim 309

Do Not Fear the Future! The Legacy of Confucian Optimism in Modern China: A Response to “Science Fiction in South and North Korea”

Marc Andre Matten 327

ESSAY

Informal Histories of STS in East Asia

Making STS Socially Responsible: Reflections on Japanese STS

Togo Tsukahara 331

NEWS AND EVENTS 337

BOOK REVIEWS 341

Cover design: Awai

Cover image: Novelist, artist, and environmentalist Wu Ming-Yi (吳明益, 1971–) provided the illustrations for the Taiwanese edition of his book *The Man with the Compound Eyes* ([2011] 2016). Combining fantasy and realism, the story portrays a community on the east coast of Taiwan. There a widow, a cat, aboriginal neighbors, butterflies, a young boy from a South Pacific island who has wandered to Taiwan through a vortex of trash, and many other characters both human and nonhuman all find their life journeys intertwining.

Illustration © Wu Ming-Yi

For the cover of the Complex Chinese Character edition (2016) of *The Man with the Compound Eyes* by Wu Ming-Yi.