

## JOURNAL NOTICE

ASHOK GADGIL AND THOMAS P. TOMICH, EDs. 2023. **Annual Review of Environment and Resources, Volume 48.** (ISSN 1543-5938, ISBN-13: 978-0-8243-2348-6, hbk). Annual Reviews, Inc., 1875 S. Grant Street, Suite 700, San Mateo, California, U.S.A. (**Orders:** annualreviews.org, science@annualreviews.org). Price not given (Open Access subscription encouraged), 503 pp., 9½" × 7½".

**ABOUT THIS JOURNAL**—*The Annual Review of Environment and Resources*, in publication since 1976, provides authoritative reviews of significant topics within environmental science and engineering, including ecology and conservation science, water and energy resources, atmosphere, oceans, climate change, agriculture and living resources, and human dimensions of resource use and global change.

### **Contents of Volume 48:**

*30×30 for Climate: The History and Future of Climate Change—Integrated Conservation Strategies*—L. Hannah and G.F. Midgley

*Exploring Alternative Futures in the Anthropocene*—Steven Cork, Carla Alexandra, Jorge G. Alvarez-Romero, Elena M. Bennett, Marta Berbés-Blázquez, Erin Bohensky, Barbara Bok, Robert Costanza, Shizuka Hashimoto, Rosemary Hill, Sohail Inayatullah, Kasper Kok, Jan J. Kuiper, Magnus Moglia, Laura Pereira, Garry Peterson, Rebecca Weeks, and Carina Wyborn

*Plastics and the Environment*—I.E. Napper and R.C. Thompson

*Toward Zero-Carbon Urban Transitions with Health, Climate Resilience, and Equity Co-Benefits: Assessing Nexus Linkages*—Anu Ramaswami, Bhartendu Pandey, Qingchun Li, Kirti Das, and Ajay Nagpure

*Harmful Cyanobacterial Blooms: Biological Traits, Mechanisms, Risks, and Control Strategies*—Lirong Song, Yunlu Jia, Boqiang Qin, Renhui Li, Wayne W. Carmichael, Nanqin Gan, Hai Xu, Kun Shan, and Assaf Sukenik

*Pushing the Frontiers of Biodiversity Research: Unveiling the Global Diversity, Distribution, and Conservation of Fungi*—Tuula Niskanen, Robert Lücking, Anders Dahlberg, Ester Gaya, Laura M. Suz, Vladimir Mikryukov, Kare Liimatainen, Irina Druzhinina, James R.S. Westrip, Gregory M. Mueller, Kelmer Martins-Cunha, Paul Kirk, Leho Tedersoo, and Alexandre Antonelli

*Soils as Carbon Stores and Sinks: Expectations, Patterns, Processes, and Prospects of Transitions*—Meine van Noordwijk, Ermiyas Aynekulu, Renske Hijbeek, Eleanor Milne, Budiman Minasny, and Danny Dwi Saputra

*Understanding Fire Regimes for a Better Anthropocene*—Luke T. Kelly, Michael-Shawn Fletcher, Imma Oliveras Menor, Adam F.A. Pellegrini, Ella S. Plumanns-Pouton, Pere Pons, Grant J. Williamson, and David M.J.S. Bowman

*Deforestation-Free Commodity Supply Chains: Myth or Reality?*—Eric F. Lambin, and Paul R. Furumo

*Great Green Walls: Hype, Myth, and Science*—Matthew D. Turner, Diana K. Davis, Emily T. Yeh, Pierre Hiernaux, Emma R. Loizeaux, Emily M. Fornof, Anika M. Rice, and Aaron K. Suiter

*Mapping Industrial Influences on Earth's Ecology*—James E.M. Watson, Erle C. Ellis, Rajeev Pillay, Brooke A. Williams, and Oscar Venter

*Mitigation of Concurrent Flood and Drought Risks Through Land Modifications: Potential and Perspectives of Land Users*—Lenka Slavíková and Anita Milman

*Surveying the Evidence on Sustainable Intensification Strategies for Smallholder Agricultural Systems*—Meha Jain, Christopher B. Barrett, Divya Solomon, and Kate Ghezzi-Kopel

*Brine: Genesis and Sustainable Resource Recovery Worldwide*—Chenglin Liu, Tim K. Lowenstein, Anjian Wang, Chunmiao Zheng, and Jianguo Yu

*Groundwater Quality and Public Health*—Xianjun Xie, Jianbo Shi, Kunfu Pi, Yamin Deng, Bing Yan, Lei Tong, Linlin Yao, Yiran Dong, Junxia Li, Liyuan Ma, Chunmiao Zheng, and Guibin Jiang

*The Global Technical, Economic, and Feasible Potential of Renewable Electricity*—Nils Angliviel de La Beaumelle, Kornelis Blok, Jacques A. de Chalendar, Leon Clarke, Andrea N. Hahmann, Jonathan Huster, Gregory F. Nemet, Dhruv Suri, Thomas B. Wild, and Inês M.L. Azevedo

*The State of the World's Arable Land*—Lennart Olsson, Francesca Cotrufo, Timothy Crews, Janet Franklin, Alison King, Alisher Mirzabaev, Murray Scown, Anna Tengberg, Sebastian Villarino, and Yafei Wang

*Continued on p. 270*

## JOURNAL NOTICE

*Continued from p. 224*

*Environmental Decision-Making in Times of Polarization*—Madeline Judge, Yoshihisa Kashima, Linda Steg, and Thomas Dietz

*Implications of Green Technologies for Environmental Justice*—Parth Vaishnav

*The Commons*—Arun Agrawal, James Erbaugh, and Nabin Pradhan

*Governance and Conservation Effectiveness in Protected Areas and Indigenous and Locally Managed Areas*—Yin Zhang, Paige West, Lerato Thakholi, Kulbhushansingh Suryawanshi, Miriam Supuma, Dakota Straub, Samantha S. Sithole, Roshan Sharma, Judith Schleicher, Ben Ruli, David Rodriguez-Rodriguez, Mattias Borg Rasmussen, Victoria C. Ramenzoni, Siyu Qin, Deborah Delgado Pugley, Rachel Palfrey, Johan Oldekop, Emmanuel O. Nuesiri, Van Hai Thi Nguyen, Nouhou Ndam, Catherine Mungai, Sarah Milne, Mathew Bukhi Mabele, Sadie Lucitante, Hugo Lucitante, Jonathan Liljeblad, Wilhelm Andrew Kiwango, Alfred Kik, Nikoleta Jones, Melissa Johnson, Christopher Jarrett, Rachel Sapery James, George Holmes, Lydia N. Gibson, Arash Ghoddousi, Jonas Geldmann, Maria Fernanda Gebara, Thera Edwards, Wolfram H. Dressler, Leo R. Douglas, Panayiotis G. Dimitrakopoulos, Veronica Davidov, Eveline M.F.W. Compaoré-Sawadogo, Yolanda Ariadne Collins, Michael Cepek, Paul Berne Burow, Dan Brockington, Michael Philippe Bessike Balinga, Beau J. Austin, Rini Astuti, Christine Ampumuza, and Frank Kwaku Agyei

*Sustainability Careers*—Christopher G. Boone, Erin Bromaghim, and Anne R. Kapuscinski

*Three Decades of Climate Mitigation Policy: What Has It Delivered?*—Janna Hoppe, Ben Hinder, Ryan Rafaty, Anthony Patt, and Michael Grubb

*Overheating of Cities: Magnitude, Characteristics, Impact, Mitigation and Adaptation, and Future Challenges*—Jie Feng, Kai Gao, H. Khan, G. Ulpiani, K. Vasilakopoulou, G. Young Yun, and M. Santamouris

*Risks to Coastal Critical Infrastructure from Climate Change*—Indrajit Pal, Anil Kumar, and Anirban Mukhopadhyay

*US Legal and Regulatory Framework for Nuclear Waste from Present and Future Reactors and Their Fuel Cycles*—Sulgiye Park and Rodney C. Ewing

*Metrics for Decision-Making in Energy Justices*—Erin Baker, Sanya Carley, Sergio Castellanos, Destenie Nock, Joe F. Bozeman, David Konisky, Chukwuka G. Monyei, Monisha Shah, and Benjamin Sovacool

*Modeling Low Energy Demand Futures for Buildings: Current State and Research Needs*—Alessio Mastrucci, Leila Niamir, Benigna Boza-Kiss, Nuno Bento, Dominik Wiedenhofer, Jan Streeck, Shonali Pachauri, Charlie Wilson, Souran Chatterjee, Felix Creutzig, Srihari Dukkipati, Wei Feng, Arnulf Grubler, Joni Jupesta, Poornima Kumar, Giacomo Marangoni, Yamina Saheb, Yoshiyuki Shimoda, Bianka Shoai-Tehrani, Yohei Yamaguchi, and Bas van Ruijven

*Advances in Qualitative Methods in Environmental Research*—Holly Caggiano and Elke U. Weber

*Attribution of Extreme Events to Climate Change*—Friederike E.L. Otto

## BOOK NOTICE

### A NEW VOLUME OF FLORA OF NORTH AMERICA

FLORA OF NORTH AMERICA EDITORIAL COMMITTEE. 2024. **Flora of North America North of Mexico, Volume 13, Magnoliophyta: Geraniaceae to Apiaceae** (ISBN 978-0-19-776468-8-1, hbk). Oxford University Press Inc., 198 Madison Ave., New York, New York 10016, U.S.A. (**Orders:** [www.oup.com](http://www.oup.com)). \$95.00 US, 592 pp., line drawings, 8.5" x 11".

*Flora of North America North of Mexico, Volume 13, Magnoliophyta: Geraniaceae to Apiaceae* was published 3 Jun 2024. The 592 page-volume treats 624 species in 14 families: Actinidiaceae, Anacardiaceae, Apiaceae, Araliaceae, Balsaminaceae, Burseraceae, Escalloniaceae, Geraniaceae, Meliaceae, Nitriariaceae, Pittosporaceae, Rutaceae, Sapindaceae, and Simaroubaceae.