



FORTHCOMING FROM
THE UNIVERSITY OF WASHINGTON PRESS



30% OFF

Anticipating Future Environments

Climate Change, Adaptive Restoration, and the Columbia River Basin

SHANA LEE HIRSCH

ENVIRONMENTAL STUDIES; PACIFIC NORTHWEST / NATURAL HISTORY

208 pp., 1 maps, 6 × 9 in.

\$95.00 hardcover, 9780295747491

\$30.00 paperback, 9780295747293

July 2020

SHANA LEE HIRSCH is a research scientist in the department of Human Centered Design and Engineering at the University of Washington.

.....
TO PREORDER AT A 30% DISCOUNT:

Call Hopkins Fulfillment Services at 1-800-537-5487 or order online. When placing your order please have ready the book title and author, credit card number, and shipping information. Use promo code **WST30**.

.....
UNIVERSITY OF WASHINGTON PRESS

www.uwapress.uw.edu

FB: [UniversityofWashingtonPress](https://www.facebook.com/UniversityofWashingtonPress)

Twitter: [@UWAPress](https://twitter.com/UWAPress)

YouTube: [UWashingtonPress](https://www.youtube.com/UniversityofWashingtonPress)

IG: [UWAPress](https://www.instagram.com/UWAPress)

Drought. Wildfire. Extreme flooding. How does climate change affect the daily work of scientists? Ecological restoration is often premised on the idea of returning a region to an earlier, healthier state. Yet the effects of climate change undercut that premise and challenge the ways scientists can work, destabilizing the idea of “normalcy” and revealing the politics that shape what scientists can do. How can the practice of ecological restoration shift to anticipate an increasingly dynamic future? And how does a scientific field itself adapt to climate change?

Restoration efforts in the Columbia River Basin—a vast and diverse landscape experiencing warming waters, less snowpack, and greater fluctuations in precipitation—may offer answers to some of these questions. Shana Hirsch tells the story of restoration science in the basin, surveying its past and detailing the work of today’s salmon habitat restoration efforts. Her analysis offers critical insight into scientific practices, emerging approaches and ways of thinking, the incorporation of future climate change scenarios into planning, and the ultimate transformation—or adaptation—of the science of ecological restoration. For scientists and environmental managers around the globe, *Anticipating Future Environments* will shed light on how to more effectively cope with climate change.

“An engaging and accessible analysis that should be of interest not just to restoration ecologists, but to all environmental scientists seeking to respond to our climate emergency.”

—Stephen Bocking, Trent University

“An important early intervention in our understanding of how climate change affects restoration practice and environmental management globally.”

—Rebecca Lave, Indiana University