



This long-anticipated reference and sourcebook on California's remarkable ecological abundance provides an integrated assessment of each major ecosystem type—its distribution, structure, function, and management. A comprehensive synthesis of our knowledge, *Ecosystems of California* uses multiple lenses—past and present, flora and fauna, aquatic and terrestrial, natural and managed—to explore our biologically diverse state.

This book focuses on the ecological dynamics and history of California's many ecosystems and details challenges, such as climate change and invasive species, as well as opportunities for policy and stewardship. In chapters devoted to each ecosystem, the authors evaluate natural processes, describe drivers of change, and discuss how the ecosystem may change in the future. The text addresses human impacts and conservation and restoration efforts, and shows how ecosystems support human well-being. Edited by two esteemed ecosystem ecologists and with overviews by leading experts on each ecosystem, this definitive work will be indispensable for natural resource management and conservation professionals, undergraduate and graduate students of California's environment, and curious naturalists.

"Likely to become the first reference for many people working in, studying, or just enjoying California ecosystems." **PETER B. MOYLE**, coeditor of *Suisun Marsh*

"I envision that every California ecologist and many ecologists globally, especially those with an interest in Mediterranean ecosystems, will have this book on their shelf." **MICHAEL ALLEN**, Director, Center for Conservation Biology, University of California, Davis

HAROLD MOONEY is Professor of Environmental Biology at Stanford University and a member of the National Academy of Sciences. He is coeditor of *Methods in Ecosystem Science* and *Invasive Species in a Changing World*, among other books.

ERIKA ZAVALA is Professor of Environmental Studies at the University of California, Santa Cruz. Her research bridges ecological theory with conservation and management practice.

A Stephen Bechtel Fund Book in Ecology and the Environment

UNIVERSITY OF CALIFORNIA PRESS | WWW.UCPRESS.EDU

ISBN 978-0-520-27880-6



9 780520 278806

Manufactured in China.

Cover design: Glynnis Kolke.

Cover image: *California Spring*, 1875, by Albert Bierstadt, American, 1830-1902. Oil on canvas, 54 1/4 x 84 1/4 in. (137.8 x 214 cm). ©The Fine Arts Museums of San Francisco, presented to the City and County of San Francisco by Gordon Blanding, 1941.6.