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Nota di contenuto	Frontmatter -- CONTENTS -- ACKNOWLEDGMENTS -- 1. Global Climate Change: Impacts on California An Introduction and Overview -- 2. Greenhouse Gases: Changing the Global Climate -- 3. Our Changing Atmosphere: Trace Gases and the Greenhouse Effect -- 4. The Quest for Reliable Regional Scenarios of Climate Change -- 5. Global Climate Change and California's Water Resources -- 6. Global Climate Change and California Agriculture -- 7. Global Climate Change and California's Natural Ecosystems -- 8. Global Warming from an Energy Perspective -- 9. Studying the Human Dimensions of Global Climate Change -- 10. Epilogue -- CONTRIBUTORS
Sommario/riassunto	California's extraordinary ecological and economic diversity has brought it prosperity, pollution, and overpopulation. These factors and the state's national and international ties make California an essential test case for the impact of global climate change-temperature increases, water shortages, more ultraviolet radiation. The scientists in this forward-looking volume give their best estimates of what the future holds. Beginning with an overview by Joseph Knox, the book

discusses the greenhouse effect, the latest climate modeling capabilities, the implications of climate change for water resources, agriculture, biological ecosystems, human behavior, and energy. The warning inherent in a scenario of unchecked population growth and energy use in California applies to residents of the entire planet. The sobering conclusions related here include recommendations for research that will help us all prepare for potential climate change. California's extraordinary ecological and economic diversity has brought it prosperity, pollution, and overpopulation. These factors and the state's national and international ties make California an essential test case for the impact of global climate ch
