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Nota di contenuto	Front matter -- CONTENTS -- PREFACE -- ACKNOWLEDGMENTS -- CONTRIBUTORS -- PART I. BIODIVERSITY AND THE GENESIS OF SPRAWL -- 1. The Context and Causes of Sprawl / Lawrence, Barbara L. -- 2. The Impacts of Sprawl on Biodiversity / Johnson, Elizabeth A. / Klemens, Michael W. -- PART II. SPRAWL, ECOSYSTEMS, AND PROCESSES -- 3. Freshwater Wetland Biodiversity in an Urbanizing World / Miller, Nicholas A. / Klemens, Michael W. -- 4. Ecosystems, Disturbance, and the Impact of Sprawl / Reice, Seth R. -- 5. Bees, Pollination, and the Challenges of Sprawl / Cane, James H. -- 6. Effects of Urbanization on Decomposer Communities and Soil Processes in Forest Remnants / Carreiro, Margaret M. -- 7. Sprawl and Disease / Koontz, Fred W. / Daszak, Peter -- PART III. SPRAWL AND SPECIES -- 8. Sprawl and Species with Limited Dispersal Abilities / Byers, Diane L. / Mitchell, Joseph C. -- 9. Sprawl and Highly Mobile or Wide-Ranging Species / Ray, Justina C. -- 10. Species that Benefit from Sprawl / DeStefano, Stephen / Johnson, Elizabeth A. -- PART IV. IDENTIFYING AND MEETING THE CHALLENGES OF SPRAWL -- 11. Maintaining Connectivity in Urbanizing Landscapes / Sanjayan, M. A. / Crooks, Kevin R. -- 12. The Economics of Biodiversity in Urbanizing Ecosystems / Farber, Stephen -- 13. Conserving Biodiversity Through State and Regional Planning /

Wilkinson, Jessica / Vickerman, Sara / Lerner, Jeff -- 14. Integrating Conservation of Biodiversity into Local Planning / Daly, Jayne / Klemens, Michael W. -- 15. Building Public Awareness About the Effects of Sprawl on Biodiversity / Coffin, Cynthia / Elder, Jane -- 16. Creating a Framework for Change / Klemens, Michael W. / Johnson, Elizabeth A. -- INDEX

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Sommario/riassunto

This new collection focuses on the impact of sprawl on biodiversity and the measures that can be taken to alleviate it. Leading biological and social scientists, conservationists, and land-use professionals examine how sprawl affects species and alters natural communities, ecosystems, and natural processes. The contributors integrate biodiversity issues, concerns, and needs into the growing number of anti-sprawl initiatives, including the "smart growth" and "new urbanist" movements.

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