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Nota di contenuto	Contents; Foreword: Technology Happens; Acknowledgments; 1 The Quest for Sustainability and Justice in a High-Tech World; I. GLOBAL ELECTRONICS; 2 The Changing Map of Global Electronics: Networks of Mass Production in the New Economy; 3 Occupational Health in the Semiconductor Industry; 4 Double Jeopardy: Gender and Migration in Electronics Manufacturing; 5 "Made in China": Electronics Workers in the World's Fastest Growing Economy; 6 Corporate Social Responsibility in Thailand's Electronics Industry; 7 Electronics Workers in India 8 Out of the Shadows and into the Gloom? Worker and Community Health in and around Central and Eastern Europe's Semiconductor Plants II. ENVIRONMENTAL JUSTICE AND LABOR RIGHTS; 9 From Grassroots to Global: The Silicon Valley Toxics Coalition's Milestones in Building a Movement for Corporate Accountability and Sustainability in the High-Tech Industry; 10 The Struggle for Occupational Health in Silicon Valley: A Conversation with Amanda Hawes; 11 Immigrant Workers in Two Eras: Struggles and Successes in Silicon Valley 12 Worker Health at National Semiconductor, Greenock (Scotland): Freedom to Kill? 13 Community-Based Organizing for Labor Rights, Health, and the Environment: Television Manufacturing on the Mexico-U.S. Border; 14 Labor Rights and Occupational Health in Jalisco's Electronics Industry (Mexico); 15 Breaking the Silicon Silence: Voicing Health and Environmental Impacts within Taiwan's Hsinchu Science Park; 16 Human Lives Valued Less Than Dirt: Former RCA Workers Contaminated by Pollution Fighting Worldwide for Justice (Taiwan); 17 Unionizing Electronics: The Need for New Strategies III. ELECTRONIC WASTE AND EXTENDED PRODUCER RESPONSIBILITY 18 The Electronics Production Life Cycle: From Toxics to Sustainability: Getting Off the Toxic Treadmill; 19 High-Tech Pollution in Japan: Growing Problems, Alternative Solutions; 20 High-Tech's Dirty Little Secret: The Economics and Ethics of the Electronic Waste Trade; 21 Hi-Tech Heaps, Forsaken Lives: E-Waste in Delhi; 22 Importing Extended Producer Responsibility for Electronic Equipment into the United States; 23 International Environmental Agreements and the Information Technology Industry 24 Design Change in Electrical and Electronic Equipment: Impacts of Extended Producer Responsibility Legislation in Sweden and Japan 25 ToxicDude.com: The Dell Campaign; Appendix A: Principles of Environmental Justice; Appendix B: The Silicon Principles of Socially and Environmentally Responsible Electronics Manufacturing; Appendix C: Sample Shareholder Resolutions; Appendix D: Computer TakeBack Campaign Statement of Principles; Appendix E: Electronics Recycler's Pledge of True Stewardship; Acronyms Used; References; Resources; Contributors; Index

Sommario/riassunto

From Silicon Valley in California to Silicon Glen in Scotland, from Silicon Island in Taiwan to Silicon Paddy in China, the social, economic, and ecological effects of the international electronics industry are widespread. The production of electronic and computer components contaminates air, land, and water around the globe. As this eye-opening book reveals, the people who suffer the consequences are largely poor, female, immigrant, and minority. Challenging the Chip is the first comprehensive examination of the impacts of electronics manufacturing on workers and local environment
