Record Nr.	UNINA9910817464403321
Titolo	Toward environmental Justice : research, education, and health policy needs / / Committee on Environmental Justice, Health Sciences Policy Program, Health Sciences Section
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1999
ISBN	0-309-17422-8 1-280-21030-3 9786610210305 0-309-59301-8 0-585-04730-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (xii, 137 pages)
Disciplina	363.7/02/0973
Soggetti	Environmental policy
	Environmental law
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Toward Environmental Justice Copyright REVIEWERS Preface Contents 1 Introduction and Executive Summary CONCEPTS AND DEFINITIONS THE COMMITTEE'S ORIGIN AND TASK The Committee's Task The Data and Site Visits CONCLUSIONS AND RECOMMENDATIONS Research Education Health Policy ORGANIZATION OF THE REPORT 2 Establishing a Baseline DISPARITIES IN HEALTH STATUS IN THE UNITED STATES Low Birth Weight Infant Mortality Death Rates Cancer DISPARITIES IN EXPOSURE TO ENVIRONMENTAL HAZARDS Examining Proximity to Environmental Health Hazards Characterizing Exposure EXAMINING THE LINK BETWEEN EXPOSURE AND HEALTH Lack of Health Status Characterization Failure of Differentiation of Populations and Differences in Outcomes A Case Study: Urban Asthma CONCLUSIONS 3 Research RESEARCH METHODOLOGIES Documenting Excessive Exposures Toxic Chemical Release Inventory Toxicology and Environmental Health Information Program Assessing Susceptibility to Environmental

1.

Hazards -- Measuring the Health Effects of Exposure to Environmental Health Hazards -- Multiplicity of Hazards -- Multiplicity of Potential Determinants -- Biomarkers -- Biomarkers of Exposure -- Biomarkers of Susceptibility -- Biomarkers of Effect -- Limitations and Potential of Biomarkers in Environmental Health Risk Assessment -- RESEARCH CHALLENGES -- Improving Epidemiologic Studies -- Addressing Race -- Participatory Research -- Challenges of Participatory Research --Enhancing Support for Research -- CONCLUSIONS AND RECOMMENDATIONS -- Strategies for Improving the Science Base --Strategies for Involving the Affected Populations -- Strategy for Communicating with Stakeholders -- 4 Education -- HEALTH PROFESSIONAL EDUCATION -- Enhancing Health Professional Education -- Medical Education -- Public Health Education. Nursing and Allied Health Sciences -- Increasing the Number of Minority Health Professionals -- EDUCATION OF THE PUBLIC --Educating Children -- Community Leadership -- Conducting Participatory Research -- CONCLUSIONS AND RECOMMENDATIONS --Strategies for Enhancing Health Professionals' Knowledge of Environmental Health and Justice Issues -- Strategies for Increasing the Number of Health Professionals Specializing in Environmental and Occupational Medicine -- Strategies for Community and Public Education -- 5 Health Policy -- CURRENT SCIENCE BASE FOR ENVIRONMENTAL JUSTICE -- EXPANDING THE POLICY PROCESS --CONCLUSIONS AND RECOMMENDATIONS -- References -- Appendixes -- A Using Disease-Cluster and Small-Area Analyses to Study Environmental Justice -- Health-Effects Studies -- Barriers to Epidemiologic Studies -- Data Availability -- Sample Size --Preepidemiology -- Types of Preepidemiologic Methods -- Limitations of Preepidemiology -- Appropriate Uses of Preepidemiology --Statistical Approaches to Preepidemiology -- Disease-Cluster Investigation Practices -- Choosing the Right Statistical Analysis Method -- What Type of Clustering is Being Investigated? -- What is the Null Hypothesis? -- What is the Alternative Hypothesis? -- What Type of Summary Statistic is Used? -- Which Method is Most Appropriate for the Cluster Under Investigation? -- How Should the Statistical Significance of an Analysis be Interpreted? -- Research Needs -- Bibliography -- B Acknowledgments -- C Acronyms -- D Executive Order 12898: Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Population -- E Committee and Staff Biographies -- Committee Biographies -- Institute of Medicine Staff -- Index.

Sommario/riassunto

Offers examinations in identifying environmental hazards and assessing risk for populations of varying ethnic, social, and economic backgrounds, and the need for methodologies that suit the populations at risk. This book makes recommendations to decision makers in the areas of public health, research, and education of health professionals.