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2. Record Nr.	UNINA9910974697303321
Titolo	Mining safety and health research at NIOSH : reviews of research programs of the National Institute for Occupational Safety and Health / / Committee to Review the NIOSH Mining Safety and Health Research Program, Committee on Earth Resources, Board on Earth Sciences and Resources, National Research Council and Institute of Medicine of the National Academies
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Disciplina	622
Soggetti	Mine safety - Research - Evaluation Mineral industries - Health aspects Miners - Health Mining Accidents, Occupational - prevention & control Occupational Diseases - prevention & control
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Nota di bibliografia	Includes bibliographical references (p. 188-192).
Nota di contenuto	""Front Matter""; ""Independent Report Reviewers""; ""Preface""; ""Contents""; ""Tables, Figures, and Boxes""; ""Abbreviations and Acronyms""; ""Summary""; ""1 Introduction""; ""Part I Programmatic Evaluation""; ""2 Description of the Mining Program""; ""3 The Ideal Mining Safety and Health Research Program""; ""4 Evaluation of Relevance and Impact of the NIOSH Mining Program""; ""5 Progress in Targeting New Research Areas""; ""6 Emerging Issues in Mining Safety and Health""; ""7 Synthesis of Recommendations""; ""Part II Evaluation of Strategic Research Areas"" ""8 Review of Respiratory Disease Prevention Research""""9 Review of Noise-Induced Hearing Loss Prevention Research""; ""10 Review of

Research on the Reduction of Cumulative Musculoskeletal Injuries""; ""11 Review of Traumatic Injury Prevention Research""; ""12 Review of Mine Disaster Prevention and Control Research""; ""13 Review of Ground Failure Prevention Research""; ""14 Review of Surveillance, Training, and Intervention Effectiveness Research""; ""References""; ""Appendixes""

""A Framework for the Review of Research Programs of the National Institute for Occupational Safety and Health""""B Information Provided by the NIOSH Mining Safety and Health Research Program""; ""C NIOSH Mining Ergonomics Research Program Review""; ""D Biographical Sketches of Committee Members""; ""E Committee on Earth Resources Roster""; ""F Board on Earth Sciences and Resources Roster""

Sommario/riassunto

The U.S. mining sector has the highest fatality rate of any industry in the country. Fortunately, advances made over the past three decades in mining technology, equipment, processes, procedures, and workforce education and training have significantly improved safety and health. The National Institute for Occupational Safety and Health (NIOSH) Mining Safety and Health Research Program (Mining Program) has played a large role in these improvements. An assessment of the relevance and impact of NIOSH Mining Program research by a National Research Council committee reveals that the program makes essential contributions to the enhancement of health and safety in the mining industry. To further increase its effectiveness, the Mining Program should proactively identify workplace hazards and establish more challenging and innovative goals toward hazard reduction. The ability of the program to successfully expand its activities, however, depends on available funding.
