Record Nr. UNINA9910219982103321 Autore Silberglitt R. S (Richard S.) Titolo Critical materials [[electronic resource]]: present danger to U.S. manufacturing / / Richard Silberglitt ... [et al.] Santa Monica, Calif., : RAND Corporation, 2013 Pubbl/distr/stampa **ISBN** 0-8330-7927-1 Descrizione fisica 1 online resource (67 p.) Disciplina 333.80973 Soggetti Strategic materials - United States Raw materials - United States Manufacturing industries - United States Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia "RAND National Defense Research Institute". Note generali "RR-133-NIC"--P. [4] of cover. Nota di bibliografia Includes bibliographical references. Nota di contenuto Cover; Title Page; Copyright; Preface; Contents; Figures; Tables; Summary: Acknowledgments: Abbreviations: CHAPTER ONE: Introduction; Recent Analyses of Critical Raw Materials; Our Approach; CHAPTER TWO: Concentration of Production of Critical Raw Materials; CHAPTER THREE: China's Role as a Controlling Producer; China's Policies Cause Concern Among Its Customers: China's Customers Pursue Relief at the World Trade Organization: CHAPTER FOUR: Tungsten: Case Example of a Critical Raw Material; Uses and Importance of Tungsten; Tungsten Resources and Reserves; The **Tungsten Supply Situation** Potential Impacts of the Tungsten Supply Situation CHAPTER FIVE: Conclusions and Response Options: Increasing Resiliency to Supply Disruptions or Market Distortions; Diversifying Production; Long-Term Actions to Increase Resiliency; Foresight of Developing Problems; Appendixes; A. Top Three Producers of the 41 EC Critical Raw Materials; B. The World's Largest Tungsten Deposits; Bibliography Sommario/riassunto A high percentage of many raw and semi-finished materials critical to

U.S. manufacturing are imported. China is the controlling producer of 11 of these materials and has instituted export restrictions that have led to two-tier pricing, creating pressure to move manufacturing to

China. This report suggests the need for actions to mitigate the impact of such market distortions on the global manufacturing sector.