1. Record Nr. UNINA9910782044203321 Globalization of materials R&D [[electronic resource]]: time for a **Titolo** national strategy / / Committee on Globalization of Materials Research and Development, National Materials Advisory Board, Division on Engineering and Physical Sciences, National Research Council of the **National Academies** Washington, D.C., : National Academies Press, c2005 Pubbl/distr/stampa **ISBN** 0-309-16496-6 1-280-74213-5 9786610742134 0-309-54912-4 Descrizione fisica 1 online resource (215 p.) Disciplina 620.1122 Soggetti Globalization - Economic aspects - United States Globalization - Political aspects - United States Materials science - Government policy - United States Materials science - Research Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references. ""Front Matter""; ""Preface""; ""Acknowledgment of Reviewers""; Nota di contenuto ""Contents""; ""Executive Summary""; ""1 Materials as Global Activity: Setting the Scene""; ""2 Indicators for Trends in Globalization""; ""3 Benchmarking of Materials Science and Engineering R&D""; ""4 The Regulatory Regime as a Driver""; ""5 Assessing the Impacts of Materials Science and Engineering R&D Globalization""; ""6 Conclusions and Recommendations""; ""Appendixes""; ""A Committee Biographies""; ""B Presentations to the Committee at its Public Meetings""; ""C Global Trends in MSE Patents"" ""D Global Trends in Literature Authorship"""E Results of the Community Poll""; ""F Superalloy Case Study""; ""G Environmental and Safety and Health Regulations""; ""H Defining 21st Century Defense Needs""