Record Nr. UNINA9910818772303321 Autore Brose Dominic A. **Titolo** Best practices for risk-informed decision making regarding contaminated sites: summary of a workshop series / / National Research Council (U.S.): Dominic Brose, rapporteur, Jennifer A. Heimberg, rapporteur Washington, District of Columbia: .: The National Academies Press. . Pubbl/distr/stampa 2014 ©2014 **ISBN** 0-309-30308-7 0-309-30306-0 Descrizione fisica 1 online resource (211 p.) Disciplina 614.7 Environmental health - United States Soggetti **United States** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references at the end of each chapters. ""Front Matter""; ""Preface""; ""Acknowledgement of Reviewers""; Nota di contenuto ""Contents""; ""Introduction and Overview""; ""Volume I: Workshop 1 Summary""; ""1 Introduction""; ""2 Challenges to Regulatory Flexibility and Risk-Informed Decision Making": ""3 Holistic Approaches to Remediation""; ""4 Incorporating Sustainability into Decision Making for Site Remediation""; ""References""; ""Volume II: Workshop 2 Summary" ""1 Introduction and Background""; ""2 Using Risk to Inform Decisions""; ""3 Approaches to Assessment""; ""4 Monitoring""; ""5 Best Practices"" ""6 Summary of the Workshop Series Goals"""References""; ""Appendix A: Statement of Task""; ""Appendix B: Biographies of Planning Committee and Staff"": ""Appendix C: Workshop 1 Agenda"": ""Appendix D: Workshop 1 Speaker Biographies""; ""Appendix E: Workshop 2 Agenda""; ""Appendix F: Workshop 2 Speaker Biographies""; ""Appendix G: Participant List""; ""Appendix H: Acronyms"" Sommario/riassunto "The Department of Energy's Office of Environmental Management's (EM) mission is the safe cleanup of sites associated with the government-led development of nuclear weapons and nuclear energy.

While many of these legacy sites have completed cleanup, the largest

and most complex sites have not been fully re-mediated. The cleanup of these sites is proceeding under legally enforceable agreements with timelines for hundreds of milestones. EM is reviewing alternative approaches to increase effectiveness and improve cost efficiencies of its cleanup activities, especially for sites that will have residual contamination when active cleanup is complete. This report is the summary of two workshops convened in October 2013 and January 2014 on best practices for risk-informed remedy selection, closure, and post-closure control of radioactive and chemically contaminated sites that present significant difficulty for remediation to unrestricted release. The workshop series aimed to explore best practices that promote effective, risk-informed decision making and future opportunities to improve remediation approaches and practices. In the Workshop #1 section of Best Practices for Risk-Informed Decision Making Regarding Contaminated Sites, the report examines holistic approaches for re-mediating sites with multiple contaminant sources and post-closure uses, and approaches for incorporating a sustainability framework into decision making regarding site remediation, closure, and post-closure control. In Workshop #2, the report focuses on post-closure controls, assessment of long-term performance of site remedies, and best practices for risk-based remediation decisions."--Publisher's description.