

1. Record Nr.	UNINA9910960906803321
Titolo	Laboratory design, construction, and renovation : participants, process, and product // Committee on Design, Construction, and Renovation of Laboratory Facilities, Board on Chemical Sciences and Technology, Commission on Physical Sciences, Mathematics, and Applications, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, c2000
ISBN	9780309132770 0309132770 9780309514439 0309514436
Edizione	[1st ed.]
Descrizione fisica	1 online resource (177 p.)
Disciplina	727.5
Soggetti	Chemical laboratories - United States - Design and construction Chemical laboratories - Remodeling - United States
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 (p. 125-126) and index.
Nota di contenuto	""Front Matter""; ""Preface""; ""Acknowledgment of Reviewers""; ""Contents""; ""Executive Summary""; ""1 Human Issues""; ""2 Process Issues""; ""3 Technical Issues""; ""Bibliography""; ""APPENDIX A Biographical Sketches of Committee Members""; ""APPENDIX B Statement of Task""; ""APPENDIX C Committee Meetings""; ""APPENDIX D Selection of a Design Professional""; ""APPENDIX E Definitions""; ""Index""
Sommario/riassunto	Laboratory facilities are complex, technically sophisticated, and mechanically intensive structures that are expensive to build and to maintain. Hundreds of decisions must be made before and during new construction or renovation that will determine how successfully the facility will function when completed and how successfully it can be maintained once put into service. This book provides guidance on effective approaches for building laboratory facilities in the chemical and biochemical sciences. It contains both basic and laboratory-specific information addressed to the user community-the scientists

and administrators who contract with design and construction experts. The book will also be important to the design and construction communities-the architects, laboratory designers, and engineers who will design the facility and the construction personnel who will build it-to help them communicate with the scientific community for whom they build laboratory facilities.
