

1. Record Nr.	UNINA9910962425703321
Titolo	Women in science and engineering : increasing their numbers in the 1990s : a statement on policy and strategy // from the Committee on Women in Science and Engineering, Office of Scientific and Engineering Personnel, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1991
ISBN	9786610211838 9781280211836 1280211830 9780309583725 0309583721 9780585144184 0585144184
Edizione	[1st ed.]
Descrizione fisica	1 online resource (164 p.)
Disciplina	305.43/5
Soggetti	Women in science - Government policy - United States Women in engineering - Government policy - United States Women scientists - United States Women engineers - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references (p. 115-126).
Nota di contenuto	WOMEN IN SCIENCE AND ENGINEERING: -- Copyright -- FOREWORD -- PREFACE AND ACKNOWLEDGMENTS -- Contents -- EXECUTIVE SUMMARY -- S& E EDUCATION INFRASTRUCTURE: -- INTERVENTION STRATEGIES: -- CAREER PATTERNS: -- MEASUREMENT: -- 1 INTRODUCTION -- THE GLOBAL POLICY ENVIRONMENT -- Demographic Issues -- Education Issues -- Employment Issues -- CONCLUSION -- 2 THE SCIENCE AND ENGINEERING EDUCATION INFRASTRUCTURE -- FORMAL MECHANISMS -- Institutions -- Availability of Financial Support -- INFORMAL MECHANISMS -- The Role of The Media -- Parental Guidance -- Role Models and Mentors -- Institutional Factors -- PRIORITY ISSUES -- 3 EFFECTIVENESS OF

INTERVENTION MODELS -- PRECOLLEGE PROGRAMS -- UNDERGRADUATE PROGRAMS -- GRADUATE PROGRAMS -- CAREER INTERVENTIONS -- Academe -- Industry -- Government -- PRIORITY ISSUES -- 4 CAREER PATTERNS -- POSTDOCTORAL APPOINTMENTS -- EMPLOYMENT IN A SCIENTIFIC OR ENGINEERING FIELD -- Academe -- Industry -- Government -- PRIORITY ISSUES -- 5 MEASUREMENT FOR SCIENTIFIC AND ENGINEERING HUMAN RESOURCES -- EDUCATION INFRASTRUCTURE -- INTERVENTION MODELS -- CAREER PATTERNS -- PRIORITY ISSUES -- 6 STRATEGIC PLAN FOR INCREASING THE NUMBERS OF WOMEN IN SCIENCE AND ENGINEERING -- FIRST-YEAR PLAN -- S& E Education Infrastructure: -- Intervention Strategies/Measurement: -- Career Patterns: -- LONG-RANGE PLAN -- Stimulating Research -- Monitoring Progress -- Briefings -- Dissemination of Information -- BIBLIOGRAPHY -- TECHNICAL APPENDIX.

Sommario/riassunto

From time to time, it is necessary to alert the research and policy communities to opportunities for action in areas of mutual concern. One such area is the participation and utilization of women in science and engineering in the United States. This book explores the underparticipation of women in these fields and presents a strategic plan to bring qualified women into such careers as researchers, teachers, and practitioners of science and engineering.
