

1. Record Nr.	UNINA9910961684803321
Titolo	Decade-to-century-scale climate variability and change : a science strategy / / Panel on Climate Variability on Decade-to-Century Time Scales, Board on Atmospheric Sciences and Climate, Commission on Geosciences, Environment, and Resources, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1998
ISBN	9780309174039 0309174031 9780309523868 0309523869 9780585144825 0585144826
Edizione	[1st ed.]
Descrizione fisica	1 online resource (160 p.)
Disciplina	551.5/253
Soggetti	Climatic changes
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. 126-140).
Nota di contenuto	Front Matter -- Preface -- Acknowledgment of Reviewers -- Contents -- Executive Summary -- 1 Introduction -- 2 Climate Attributes That Influence Society -- 3 Modes of Climate Variability -- 4 Mechanisms and Predictability -- 5 Climate-System Components -- 6 Crosscutting Issues -- 7 Conclusions and Recommendation -- References -- Acronyms and Abbreviations.
Sommario/riassunto	Society today may be more vulnerable to global-scale, long-term, climate change than ever before. Even without any human influence, past records show that climate can be expected to continue to undergo considerable change over decades to centuries. Measures for adaption and mitigation will call for policy decisions based on a sound scientific foundation. Better understanding and prediction of climate variations can be achieved most efficiently through a nationally recognized "decen" science plan. This book articulates the scientific issues that must be addressed to advance us efficiently toward that understanding and outlines the data collection and modeling needed.

