

1. Record Nr.	UNINA9910828855603321
Titolo	GOALS, Global Ocean-Atmosphere-Land System, for predicting seasonal-to-interannual climate : a program of observation, modeling, and analysis / / Climate Research Committee, Board on Atmospheric Sciences and Climate, Commission on Geosciences, Environment, and Resources, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1994
ISBN	1-280-19314-X 9786610193141 0-309-58749-2 0-585-14297-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (115 p.)
Disciplina	551.6/01/1
Soggetti	Climatic changes - Mathematical models Climatic changes - Forecasting Ocean-atmosphere interaction - Mathematical models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This material is based upon work supported by the National Science Foundation under Grant No. ATM-9316824"--t.p. verso. Spine title: GOALS for predicting seasonal-to-interannual climate.
Nota di bibliografia	Includes bibliographical references (p. 97-103).
Nota di contenuto	GOALS Global Ocean-Atmosphere-Land System for Predicting Seasonal-to-Interannual Climate -- Copyright -- Preface -- Contents -- LIST OF FIGURES AND TABLES -- Executive Summary -- 1 Introduction -- ENSO AND ITS IMPORTANCE -- TOGA -- 2 The GOALS Program and Its Scientific Objectives -- THE RATIONALE FOR GOALS -- SCIENTIFIC OBJECTIVES -- SCIENCE QUESTIONS -- 3 Large-Scale Interactions Among the Upper Ocean, Atmosphere, and Land -- SPATIAL VARIABILITY -- Tropics -- Tropical-Extratropical Interactions -- The Extratropics -- TEMPORAL VARIABILITY -- Subseasonal Variability -- The Annual Cycle -- Interannual Variability -- Decadal Variability -- 4 Elements and Growth of the Program -- ELEMENTS OF THE PROGRAM -- PROGRAM GROWTH -- MODELING -- Atmosphere-Ocean Coupling -- Atmosphere-Land Coupling -- Experimental

Prediction -- OBSERVATIONS -- Observations Over and In the Ocean --
Observations Over Land -- Satellite Observations Over Land and Ocean
-- Expansions and Extensions -- EMPIRICAL STUDIES -- PROCESS
STUDIES -- CONSORTIA AND PRINCIPAL INVESTIGATOR GROUPS -- 5
Data Management -- PRINCIPLES AND OBJECTIVES -- DATA CENTERS --
6 Relationship of GOALS to Other Programs -- COLLABORATIVE
EFFORTS -- Global Climate Observing System (GCOS) and Global Ocean
Observing System (GOOS) -- Global Energy and Water Cycle Experiment
(GEWEX) -- World Ocean Circulation Experiment (WOCE) --
Atmospheric Radiation Measurement (ARM) -- Atlantic Climate Change
Program (ACCP) -- Other Programs -- 7 GOALS Program Management
-- Appendices -- A Present Status of Short-Term Climate Prediction --
B The 1993 GOALS Study Conference -- C Acronyms and Other Initials
-- References.
