

1. Record Nr.	UNINA9910818815503321
Autore	Lamb H. H.
Titolo	Climate : present, past and future. Volume 1, Fundamentals and climate now // H.H. Lamb
Pubbl/distr/stampa	Abingdon, Oxon ; ; New York : , : Routledge, , 2011
ISBN	1-136-63975-6 0-203-80431-7 1-299-47683-X 1-136-63976-4
Descrizione fisica	1 online resource (645 p.)
Collana	Routledge revivals
Disciplina	551.6
Soggetti	Earth & Environmental Sciences Meteorology & Climatology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"First published in 1972 by Methuen & Co. Ltd"--T.p. verso.
Nota di bibliografia	Includes bibliographical references (pages 555-596) and indexes.
Nota di contenuto	Cover; Climate: Present, Past and Future; Title Page; Copyright Page; Table of Contents; Tables; Figures; Acknowledgments; Foreword by Sir Graham Sutton; Introduction; Part I Fundamentals; 1 Concepts and definitions: the weather, the atmosphere and the sun; 2 Radiation and the Earth's heat supply; 3 The atmosphere in motion; 4 Seasonal changes; 5 The stratosphere; 6 Cyclic and quasi-periodic phenomena; 7 Anomalous patterns of atmospheric circulation, weather and climate; 8 The oceans; 9 The water cycle; 10 Some observed causes of climatic variation; APPENDIXES TO PART I I Supplementary tablesII The production and decay of radioactive carbon in the atmosphere; III Orbit data; IV Departures from the long-term average of monthly mean pressure at sea level associated with different phases of the sunspot cycle; Part II Climate now; 11 Observational reference data and classification of climates; World maps; World-wide classification of climates; World climatic table; References; Geographical index; Subject index
Sommario/riassunto	First published in 1972, this first volume of Professor Lamb's study of our changing climate deals with the fundamentals of climate and climatology, as well as providing global data on the contemporary

climates of the twentieth century.
