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Nota di contenuto	Front matter -- Preface -- Authors preface to the 2nd edition -- Prologue -- List of principal symbols -- Contents -- 1. Introduction -- 2. Chemical evolution -- 3. Climate, climate change and climate system -- 4. Fundamentals of physico-chemistry in the climate system -- 5. Substances and chemical reactions in the climate system -- 6. Final remark -- Appendix -- References -- Author Index -- Subject Index
Sommario/riassunto	Climate change is a major challenge facing the modern world. The chemistry of air and it's influence on the climate system forms the main focus of this monograph. The book presents a problem-based approach to presenting global atmospheric processes, evaluating the effects of changing air composition as well as possibilities for interference within these processes and indicates ways for solving the problem of climate change through chemistry. The new edition includes innovations and latest research results.