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Nota di contenuto	Intro -- MACRO-PROJECTS:ENVIRONMENT AND TECHNOLOGY -- MACRO-PROJECTS:ENVIRONMENT AND TECHNOLOGY -- CONTENTS -- ABOUT THE AUTHORS -- Bolonkin, Alexander Alexandrovich (1933-) -- Cathcart, Richard Brook (1943-) -- ABSTRACT -- PREFACE -- PART I. TECHNOLOGY -- AB METHOD OF IRRIGATION WITHOUT WATER (CLOSED-LOOP WATER CYCLE)* -- ABSTRACT -- INTRODUCTION -- 1. Precipitation -- 2. Irrigation -- Problems in Conventional Irrigation -- 2. DESCRIPTION AND INNOVATIONS -- Brief Data on Cover Film -- 3. THEORY AND COMPUTATIONS OF THE AB DOME -- 1. General Theory -- 2. Cold Regions -- 3. Irrigation without Water. Closed-loop Water Cycle -- 4. DISCUSSION -- 5. CONCLUSION -- REFERENCES -- INFLATABLE DOME FOR MOON,MARS, ASTEROIDS, AND SATELLITES* -- ABSTRACT -- 1. INTRODUCTION -- 2. 'EVERGREEN' INFLATED DOMES -- 3. DESCRIPTION AND INNOVATIONS -- Dome -- Location, Illumination and Defending Human Settlements from Solar Windand Space Radiation -- 4. THEORY, ESTIMATION AND COMPUTATIONSOF INFLATABLE OUTER SPACE DOME -- 5. MACRO-PROJECTS -- 6. DISCUSSION -- 7. CONCLUSION -- REFERENCES -- PASSENGER LIFE-SAVING INA BADLY DAMAGED AIRCRAFT SCENARIO* -- ABSTRACT -- INTRODUCTION -- 1. Aircraft Accidents -- 2. Aircraft Accident Statistics -- 3. Aircraft Accident Rates -- 4. Scheduled Passenger Operations Are less Likely to Have an Accident thanany other Type of

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Sommario/riassunto

This book describes many new macro-projects, both USA and other countries patented concepts, speculative macro-engineering ideas, and other general innovations in technology and environmental change.
