

Paradise Regained



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出版者:Springer

出版时间:2009-12-11

装帧:Hardcover

isbn:9780387799858

What was our planet like before the advent of our modern civilization? What effects has our civilization had on the planet and its ecological systems? Paradise Regained discusses these questions and then creates a scenario for the re-greening of Earth. The authors introduce new and innovative ideas on how humankind might use the resources of the solar system for terrestrial benefit. Earth would then become a place for a technologically advanced human civilization to live in synchronization, if not in harmony, with the environment which gave us birth. Since the formation of our solar system, the resources and ecological state of Earth have undergone many changes. The environmental challenges facing humanity today, as the authors posit them, will not be resolved simply by conservation and Earth-based alternative technologies. Paradise Regained considers the environmental dilemma and highlights the risk of humankind's future extinction from environmental degradation. Human population growth, climate change, and the strained sustainability of the few remaining habitats for wild life are all discussed. The authors, however, are not discouraged and offer a potential solution through the development of space. Not only will extraterrestrial resources help avert environmental disaster, but will also provide the basis for continued technological and societal progress. The resources of the solar system will help meet our projected industrial needs and feed our industry once terrestrial sources are depleted. Space-based power generation systems will work synergistically with Earth-based conservation. Paradise Regained concludes with the discussion on how closed ecological systems in space will help us to build a prosperous and sustainable future for all humanity.

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