



Red Sea Geothermal Provinces

D. Chandrasekharam, Aref Lashin, Nassir Al Arifi, Abdulaziz M Al-Bassam

Download now

[Click here](#) if your download doesn't start automatically

Red Sea Geothermal Provinces

D. Chandrasekharam, Aref Lashin, Nassir Al Arifi, Abdulaziz M Al-Bassam

Red Sea Geothermal Provinces D. Chandrasekharam, Aref Lashin, Nassir Al Arifi, Abdulaziz M Al-Bassam

“Today, over two billion people in developing countries live without any electricity. They lead lives of misery, walking miles every day for water and firewood, just to survive. What if there was an existing, viable technology, that when developed to its highest potential could increase everyone’s standard of living, cut fossil fuel demand and the resultant pollution” said Peter Meisen, President, Global Energy Network Institute in 1997. Even though energy is available, technology was not matured enough to tap this energy in the nineties. Now, with the advancement of drilling technology, extracting heat from hot rocks has become a reality. Very soon when CO₂ replaces the circulation fluid to extract heat from granites then both fossil fuel based and renewable energy sources will coexist balancing the CO₂ emissions and providing energy, food and water security to the rich and the poor countries.

Red Sea rift represents the youngest spreading ridges in the world with a vast amount of heat energy stored on either side. The Red Sea is surrounded by countries with a weak economy. Developing a geothermal energy based economy in countries like Eritrea, Djibouti and Ethiopia will provide food and water security to these countries while for other countries, geothermal energy will help in mitigating greenhouse gas emissions. Although geothermal energy sources are available in all the countries since the opening of the Red Sea, millions of years ago, this was not brought to the light. Oil importing countries became highly dependent on the oil rich countries to sustain their economy and growth and thus remained poor.

This book unfolds the huge energy source, hydrothermal and EGS, for the benefit of the poor countries to reduce poverty and lift the socio economic status of these countries. The book deals with i) future energy demand, ii) CO₂ emissions associated with fossil fuel based power plants, iii) black carbon emissions associated biomass energy source and iv) strategies to reduce CO₂ emissions by using geothermal energy as energy source mix in all the countries?oil exporting and oil importing countries? around the Red Sea. The amount of energy available from hot granites in all the countries is well documented. EGS being the future energy source for mankind, this book will form the basis for future research by young scientists and academicians.

Availability of fresh water is a matter of concern for all countries. The only way to satisfy the thirst of a growing population, to meet drinking water demand and food security, is to depend on seawater. A large volume of CO₂ is being emitted from desalination plants supported by fossil fuel based energy sources. This book describes the advantages of using geothermal energy sources for the desalination process to meet the growing water and food demand of the countries around the Red Sea. Oil rich countries, using its geothermal resources, can now reduce food imports and become self sufficient in food production.

This book gives hope for millions of children living in the underdeveloped countries around the Red Sea to satisfy their hunger and live a decent life with a continuous source of electricity, water and food available. This book ends with a note on the economic benefits of geothermal energy vs other renewables. With the signing of the GGA (Global Geothermal Alliance) by several countries during the December 2015 CoP 21 summit in Paris, policy makers and administrators will work together in implementing the necessary infrastructure and support to develop this clean energy source.

 [Download Red Sea Geothermal Provinces ...pdf](#)

 [Read Online Red Sea Geothermal Provinces ...pdf](#)

Download and Read Free Online Red Sea Geothermal Provinces D. Chandrasekharam, Aref Lashin, Nassir Al Arifi, Abdulaziz M Al-Bassam

From reader reviews:

Austin Lawrence:

Do you have favorite book? When you have, what is your favorite's book? Publication is very important thing for us to learn everything in the world. Each reserve has different aim or perhaps goal; it means that guide has different type. Some people feel enjoy to spend their a chance to read a book. They may be reading whatever they consider because their hobby is reading a book. What about the person who don't like examining a book? Sometime, individual feel need book if they found difficult problem or even exercise. Well, probably you will need this Red Sea Geothermal Provinces.

Robert Goddard:

Hey guys, do you really wants to finds a new book to study? May be the book with the headline Red Sea Geothermal Provinces suitable to you? The book was written by well-known writer in this era. The book untitled Red Sea Geothermal Provincesis the main one of several books in which everyone read now. This specific book was inspired many men and women in the world. When you read this book you will enter the new age that you ever know just before. The author explained their thought in the simple way, so all of people can easily to know the core of this guide. This book will give you a large amount of information about this world now. So that you can see the represented of the world on this book.

Irene Justice:

In this period of time globalization it is important to someone to receive information. The information will make you to definitely understand the condition of the world. The condition of the world makes the information better to share. You can find a lot of sources to get information example: internet, classifieds, book, and soon. You can see that now, a lot of publisher that will print many kinds of book. Typically the book that recommended to you personally is Red Sea Geothermal Provinces this e-book consist a lot of the information from the condition of this world now. That book was represented how does the world has grown up. The language styles that writer use for explain it is easy to understand. Typically the writer made some research when he makes this book. This is why this book appropriate all of you.

Ismael Soliz:

Is it an individual who having spare time in that case spend it whole day by simply watching television programs or just telling lies on the bed? Do you need something totally new? This Red Sea Geothermal Provinces can be the respond to, oh how comes? A book you know. You are and so out of date, spending your spare time by reading in this new era is common not a nerd activity. So what these books have than the others?

**Download and Read Online Red Sea Geothermal Provinces D.
Chandrasekharam, Aref Lashin, Nassir Al Arifi, Abdulaziz M Al-
Bassam #7UZE3V2JI9D**

Read Red Sea Geothermal Provinces by D. Chandrasekharam, Aref Lashin, Nassir Al Arifi, Abdulaziz M Al-Bassam for online ebook

Red Sea Geothermal Provinces by D. Chandrasekharam, Aref Lashin, Nassir Al Arifi, Abdulaziz M Al-Bassam Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Red Sea Geothermal Provinces by D. Chandrasekharam, Aref Lashin, Nassir Al Arifi, Abdulaziz M Al-Bassam books to read online.

Online Red Sea Geothermal Provinces by D. Chandrasekharam, Aref Lashin, Nassir Al Arifi, Abdulaziz M Al-Bassam ebook PDF download

Red Sea Geothermal Provinces by D. Chandrasekharam, Aref Lashin, Nassir Al Arifi, Abdulaziz M Al-Bassam Doc

Red Sea Geothermal Provinces by D. Chandrasekharam, Aref Lashin, Nassir Al Arifi, Abdulaziz M Al-Bassam Mobipocket

Red Sea Geothermal Provinces by D. Chandrasekharam, Aref Lashin, Nassir Al Arifi, Abdulaziz M Al-Bassam EPub