



Earth's Climate Evolution

Colin P. Summerhayes

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To understand climate change today, we first need to know how Earth's climate changed over the past 450 million years. Finding answers depends upon contributions from a wide range of sciences, not just the rock record uncovered by geologists. In *Earth's Climate Evolution*, Colin Summerhayes analyzes reports and records of past climate change dating back to the late 18th century to uncover key patterns in the climate system. The book will transform debate and set the agenda for the next generation of thought about future climate change.

The book takes a unique approach to the subject providing a description of the greenhouse and icehouse worlds of the past 450 million years since land plants emerged, ignoring major earlier glaciations like that of Snowball Earth, which occurred around 600 million years ago in a world free of land plants. It describes the evolution of thinking in palaeoclimatology and introduces the main players in the field and how their ideas were received and, in many cases, subsequently modified. It records the arguments and discussions about the merits of different ideas along the way. It also includes several notes made from the author's own personal involvement in palaeoclimatological and palaeoceanographic studies, and from his experience of working alongside several of the major players in these fields in recent years.

This book will be an invaluable reference for both undergraduate and postgraduate students taking courses in related fields and will also be of interest to historians of science and/or geology, climatology and oceanography. It should also be of interest to the wider scientific and engineering community, high school science students, policy makers, and environmental NGOs.

Reviews:

"Outstanding in its presentation of the facts and a good read in the way that it intersperses the climate story with the author's own experiences. [This book] puts the climate story into a compelling geological history."
-Dr. James Baker

"The book is written in very clear and concise prose, [and takes] original, enlightening, and engaging approach to talking about 'ideas' from the perspective of the scientists who promoted them."
-Professor Christopher R. Scotese

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Rodney Natale:

In this era which is the greater individual or who has ability in doing something more are more important than other. Do you want to become one of it? It is just simple strategy to have that. What you need to do is just spending your time very little but quite enough to possess a look at some books. One of several books in the top checklist in your reading list is definitely Earth's Climate Evolution. This book that is qualified as The Hungry Slopes can get you closer in turning into precious person. By looking right up and review this publication you can get many advantages.

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