# The Long Summer: How Climate Changed Civilization by Brian Fagan



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# **Long Summer How Climate Changed**

Anthony J. McMichael, Alistair Woodward, Cameron Muir

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The Long Summer Brian M. Fagan, 2004-01-01 The Long Summer illuminates for the first time the centuries long pattern of human adaptation to the demands and challenges of an ever changing climate demands and challenges that are still with **The Long Summer** Brian Fagan, 2004-12-29 Humanity evolved in an Ice Age in which glaciers us today BOOK JACKET covered much of the world But starting about 15 000 years ago temperatures began to climb Civilization and all of recorded history occurred in this warm period the era known as the Holocene the long summer of the human species In The Long Summer Brian Fagan brings us the first detailed record of climate change during these 15 000 years of warming and shows how this climate change gave rise to civilization A thousand year chill led people in the Near East to take up the cultivation of plant foods a catastrophic flood drove settlers to inhabit Europe the drying of the Sahara forced its inhabitants to live along the banks of the Nile and increased rainfall in East Africa provoked the bubonic plague The Long Summer illuminates for the first time the centuries long pattern of human adaptation to the demands and challenges of an ever changing climate challenges that are still with us today The End of the Long Summer Dianne Dumanoski, 2010-07-13 For the past twelve thousand years Earth s stable climate has allowed human civilization to flourish But this long benign summer is an anomaly in the Earth's history and one that is rapidly coming to a close The radical experiment of our modern industrial civilization is now disrupting our planet's very metabolism our future hinges in large part on how Earth responds Climate change is already bearing down hitting harder and faster than expected The greatest danger is not extreme yet discrete weather events such as Hurricane Katrina or the calamitous wildfires that now plaque California but profound and systemic disruptions on a global scale Contrary to the pervasive belief that climate change will be a gradual escalator ride into balmier temperatures the Earth's climate system has a history of radical shifts dramatic shocks that could lead to the collapse of social and economic systems. The question is no longer simply how can we stop climate change but how can we as a civilization survive it The guiding values of modern culture have become dangerously obsolete in this new era Yet as renowned environmental journalist Dianne Dumanoski shows little has been done to avert the crisis or to prepare human societies for a time of growing instability In a work of astonishing scope Dumanoski deftly weaves history science and culture to show how the fundamental doctrines of modern society have impeded our ability to respond to this crisis and have fostered an economic globalization that is only increasing our vulnerability at this critical time She exposes the fallacy of banking on a last minute technological fix as well as the perilous trap of believing that humans can succeed in the quest to control nature Only by restructuring our global civilization based on the principles that have allowed Earth's life and our ancestors to survive catastrophe diversity redundancy a degree of self sufficiency social solidarity and an aversion to excessive integration can we restore the flexibility needed to weather the trials ahead In this powerful and prescient book Dumanoski moves beyond now ubiquitous environmental buzzwords about green industries and clean energy to provide a new cultural map through this

dangerous passage Though the message is grave it is not without hope Lucid eloquent and urgent The End of the Long Summer deserves a place alongside transformative works such as Silent Spring and The Fate of the Earth Climate Change and the Course of Global History John L. Brooke, 2014-03-17 The first global study by a historian to fully integrate the earth system approach of the new climate science with the material history of humanity The Oxford Handbook of Environmental History Andrew C. Isenberg, 2017 The Oxford Handbook of Environmental History draws on a wealth of new scholarship to offer diverse perspectives on the state of the field The Oxford Companion to Global Change David J. Cuff,2008 In recent years global change has become increasingly important in technological ecological and political spheres This companion examines the environmental events of recent times and investigates long term trends as well as broader issues of global change Climate Change and the Health of Nations Anthony J. McMichael, Alistair Woodward, Cameron Muir, 2017 When we think climate change we think of man made global warming caused by greenhouse gas emissions But natural climate change has occurred throughout human history and populations have had to adapt to its vicissitudes Tony McMichael a renowned epidemiologist and a pioneer in the field of how human health relates to climate change is the ideal guide to this phenomenon and in his magisterial Climate Change and the Health of Nations he presents a sweeping and authoritative analysis of how human societies have been shaped by climate events A Companion to Global Environmental History J. R. McNeill, Erin Stewart Mauldin, 2015-05-04 The Companion to Global Environmental History offers multiple points of entry into the history and historiography of this dynamic and fast growing field to provide an essential road map to past developments current controversies and future developments for specialists and newcomers alike Combines temporal geographic thematic and contextual approaches from prehistory to the present day Explores environmental thought and action around the world to give readers a cultural intellectual and political context for engagement with the environment in modern times Brings together environmental historians from around the world including scholars from South Africa Brazil Germany and China The Routledge Handbook of the Bioarchaeology of Climate and Environmental Change Gwen Robbins Schug, 2020-10-27 This handbook examines human responses to climatic and environmental changes in the past and their impacts on disease patterns nutritional status migration and interpersonal violence Bioarchaeology the study of archaeological human skeletons provides direct evidence of the human experience of past climate and environmental changes and serves as an important complement to paleoclimate historical and archaeological approaches to changes we may expect with global warming Comprising 27 chapters from experts across a broad range of time periods and geographical regions this book addresses hypotheses about how climate and environmental changes impact human health and well being factors that promote resilience and circumstances that make migration or interpersonal violence a more likely outcome The volume highlights the potential relevance of bioarchaeological analysis to contemporary challenges by organizing the chapters into a framework outlined by the United Nation's Sustainable

Development Goals for 2030 Planning for a warmer world requires knowledge about humans as biological organisms with a deep connection to Earth's ecosystems balanced by an appreciation of how historical and socio cultural circumstances socioeconomic inequality degrees of urbanization community mobility and social institutions play a role in shaping long term outcomes for human communities Containing a wealth of nuanced perspectives about human environmental relations book is key reading for students of environmental archaeology bioarchaeology and the history of disease By providing a longer view of contemporary challenges it may also interest readers in public health public policy and planning \*\*Encyclopedia of Crisis Management\*\* K. Bradley Penuel, Matt Statler, Ryan Hagen, 2013-03 From general theories and concepts exploring the meaning and causes of crisis to practical strategies and techniques relevant to crises of specific types crisis management is thoroughly explored Features the electronic version of this allows students to explore customized response plans for crises of various sorts Appendices also include a Resource Guide to classic books journals and internet resources in the field a Glossary and a vetted list of crisis management related degree programs crisis management conferences etc

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