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Global Warming Facing Up to Global Warming Global Warming: A Very Short Introduction Encyclopedia of Global Warming and Climate Change Global Warming For Dummies The Complete Idiot's Guide to Global Warming, 2nd Edition Incontrovertible Impacts of Global Warming Global Warming Making Sense of Climate Change Unstoppable Global Warming Global Warming Global Warming Global Warming Global Warming - Myth or Reality? Global Warming The Climate Challenge Environment : Global Warming(encyclopaedia Of Environment), Vol# 3 Global Warming Global Warming This Is Climate Change: A Visual Guide to the Facts - See for Yourself How the Planet Is Warming and What It Means for Us Al Gore The Complete Idiot's Guide to Global Warming, 2nd Edition Global Warming Understand Global Warming and Climate Change 50 FAQs on Global Warming, Second Edition American Heat Global Warming Climate of Fear Global Warming Green Genius's 101 Questions and Answers A Brief Guide - Global Warming Global Warming and Climate Change Demystified Global Warming 101 Global Warming For Beginners Global Warming - Impacts and consequences of Global Warming Global Warming Is it Hot in Here? A Question of Balance This is My Planet The Discovery of Global Warming

Global Warming 2009-01-01 a look at global warning

Facing Up to Global Warming 2015-08-18 in this volume professor n f gray offers a comprehensive primer on climate change sustainability and how the two concepts are related this book consists of fifteen chapters each treating a specific aspect of the current global crisis including scientific background as well as an up to date appraisal of the issue at hand it covers the reasons behind climate change and the effect it will have on the planet and on the reader directly gray also presents readers with the means to assess their own environmental impact and details positive individual and community actions to address global warming climate change global warming and sustainability are phrases that almost everyone has heard whether on the news or around the dinner table the increasing frequency of major events such as droughts severe storms and floods are beginning to make these concepts inescapable and being fully informed is an absolute necessity for students and indeed for us all nick gray phd scd is a founding member of the environmental sciences unit 1979 at trinity college dublin which was the first center for postgraduate research and training in environmental science and technology in ireland he has written a number of books and over 150 research papers and book chapters and currently serves as the director of the trinity centre for the environment

Global Warming: A Very Short Introduction 2008-11-27 global warming is arguably the most critical and controversial issue facing the world in the twenty first century this very short introduction provides a concise and accessible explanation of the key topics in the debate looking at the predicted impact of climate change exploring the political controversies of recent years and explaining the proposed solutions fully updated for 2008 mark maslin s compelling account brings the reader right up to date describing recent developments from us policy to the uk climate change bill and where we now stand with the kyoto protocol he also includes a chapter on local solutions reflecting the now widely held view that to mitigate any impending disaster governments as well as individuals must to act together about the series the very short introductions series from oxford university press contains hundreds of titles in almost every subject area these pocket sized books are the perfect way to get ahead in a new subject quickly our expert authors combine facts analysis perspective new ideas and enthusiasm to make interesting and challenging topics highly readable

Encyclopedia of Global Warming and Climate Change 2008-04-22 2008 best reference library journal the impact of global warming is rapidly evolving this valuable resource provides an excellent historical overview and framework of this topic and serves as a general resource for geography oceanography biology climatology history and many other subjects a useful reference for a wide audience of business professionals and government officials as well as for the general public essential for both academic and public libraries library journal this is a useful set because of the individual country entries as well as the general audience language booklist starred review the encyclopedia of global warming and climate change helps readers learn about the astonishingly intricate processes that make ours the only planet known to be habitable these three volumes include more than 750 articles that explore major topics related to global warming and climate change ranging geographically from the north pole to the south pole and thematically from social effects to scientific causes key features contains a 4 color 16 page insert that is a comprehensive introduction to the complexities of global warming includes coverage of the science and history of climate change the polarizing controversies over climate change theories the role of societies the industrial and economic factors and the sociological aspects of climate change emphasizes the importance of the effects responsibilities and ethics of climate change presents contributions from leading scholars and institutional experts in the geosciences serves as a general resource for geography oceanography biology climatology history and many other subjects the encyclopedia of global warming and climate change provides a primarily nonscientific resource to understanding the complexities of climate change for academic and public libraries reader s guide atmospheric sciences climate climate and society climate change effects climate feedbacks climate models countries africa countries americas countries asia countries europe countries pacific glaciology government and international agencies institutions studying climate change oceanography paleo climates people programs and conventions

Global Warming For Dummies 2009-09-02 get positive suggestions for practical solutions to this heated issue hotly debated in the political arena and splashed across the media almost 24 7 global warming has become the topic of the moment whatever one s views on its cause there is no denying that the earth s climate is changing and people everywhere are worried global warming for dummies sorts out fact from fiction explaining the science behind climate change and examining the possible long term effects of a warmer planet this no nonsense yet friendly guide helps you explore solutions to this challenging problem from what governments and industry can do to what you can do at home and how to get involved

The Complete Idiot's Guide to Global Warming, 2nd Edition 2008-02-05 revisiting the most important topic of our time the rapid warming of the earth s climate has been a concern for decades though many of us understand that temperatures will on average rise the science and the resulting social economic and political implications of such a change are far reaching and complex this new edition has been completely overhauled synthesizing the latest information into an easy to read reference that provides a fair assessment of climate change its costs and even its short term benefits covers the newest science and issues surrounding global warming written by a seasoned science nature journalist

Incontrovertible Impacts of Global Warming 2020-02-21 our universe is part of the multiverse a confluence of countless and infinite numbers of planets with innumerable galaxies unbeknownst to the majority earth is unique and is blessed among thousands of other planets with plant life and animals homo sapiens are the highest form of living beings on earth there is more evidence of the impact of climate change especially in extreme weather events which is taking a greater toll on life science shows that emissions are still going up not down according to the 2019 wmo greenhouse gas bulletin levels of heat trapping greenhouse gases in the atmosphere have reached

another record high this continuing long term trend means that future generations will be confronted with increasingly severe impacts of climate change including rising temperatures extreme weather water stress rising sea levels and disruption of marine and land ecosystems at present greenland is a looming 660 000 square miles of frozen water at the edge it might be only tens of feet thick in the faraway interior nearly two miles if all of it were to melt it would raise global sea levels by about 20 feet most scientists think that this can come to pass due to human induced climate change

Global Warming 2014-05-01 this topical textbook provides a bridge between technical and popular texts on global warming within the broader context of climate change written at an introductory level it explains the interacting components of this system what the greenhouse effect is and how scientists seek to predict climate change it makes accessible the technical and heavy science literature to the non science student global warming is one of the major environmental problems facing the world today but it is an issue surrounded by great contention because it is based largely on scientific prediction and has yet to be proven opinion is divided regarding whether global warming will occur and if it does what the effects will be in order to appreciate the uncertainties surrounding this issue it is necessary to understand the workings of the climate system and the methods by which scientists seek to predict climate change global warming aims to make accessible the heavily technical literature to the non science student providing a bridge between the highly scientific and the popular non academic texts placing global warming within the broader context of climate change this textbook details the interacting components of the climatic system reviewing the importance of changing carbon dioxide levels for the evolution of the earth s atmosphere and climate utilising observed and modelled data it presents the latest evidence for and against global warming whilst highlighting the difficulties involved with analysing both types of data and introducing areas of controversy within research the book also addresses the important problem of making policy decisions for the future based on the uncertain science of global warming

Making Sense of Climate Change 2009-01-01 climate change is an enormous challenge facing humankind today undoubtedly it is the single largest environmental threat facing the planet and we need to act fast to mitigate it there is much that needs to be done and much that can be done to halt the catastrophic impacts of climate change however these steps have to be taken by all sections of human society throughout the world making sense of climate change discusses the causes the impacts as well as possible solutions to tackle the problem at the individual community and global level in a simple easy to read style for the general reader

Unstoppable Global Warming 2006-09-13 singer and avery present in popular language supported by in depth scientific evidence the compelling concept that global temperatures have been rising mostly or entirely because of a natural cycle using historic data from two millennia of recorded history combined with the natural physical records found in ice cores seabed sediment cave stalagmites and tree rings unstoppable global warming argues that the 1 500 year solar driven cycle that has always controlled the earth s climate remains the driving force in the current warming trend trillions of dollars spent on reducing fossil fuel use would have no effect on today s rising temperatures the public policy key singer and avery propose is adaptation not fruitless attempts at prevention further they offer convincing evidence that civilization s most successful eras have coincided with the cycle s warmest peaks with the added benefit of modern technology humanity can not only survive global climate change but thrive

Global Warming 2009-02-01 droughts floods hurricanes cyclones we constantly hear of extreme weather conditions all over the world we hear dire warnings like flee hurricane ike or face certain death officials warn to be politically correct we must assume that these are a direct result of global warming however is this true jay auxt global warming and the creator s plan god has a clear plan for this earth and its inhabitants although the media would have you believe the earth is doomed due to global warming the truth is that the earth has always been warming very gradually and that the current warming is insignificant especially considering the scope of god s ultimate plan for each and every one of us unlock the clues to this contemporary controversy by discovering old testament biblical references from the past scientific data of the present biblical prophecy for the future contrary to secular media this book clearly illustrates that the concept of man induced global warming is totally unfounded and that god alone is in control of our destiny learn to sift unsupported rumor and alarmist rhetoric from verifiable facts on this hot button issue with global warming and the creator s plan this was a very revealing book and it sure gave me something to think about i realize the media has its own agenda but this book helps us to remember that god has a plan and ultimately it is his plan that will prevail the book was very well researched and easy to read as well i recommend it dave h from book bargains and reviews

Global Warming 2007-08-01 discusses the controversial viewpoints regarding global warming

Global Warming 1997 from the book cover most politicians bureaucrats environmentalists and members of the media believe as a proven fact that industrial activity especially the emission of carbon dioxide is affecting climate by causing an increase in average global temperatures they also believe that something must be done immediately to address what is touted as our biggest global environmental threat but the scientific evidence is mixed and scientists continue to debate both the existence and the extent of human induced global warming the doomsayers version of climate change is being put forward as representing a scientific consensus while the views of scientists with valid criticisms of the global warming apocalypse are ignored global warming the science and the politics attempts to redress this imbalance by focusing attention on the fundamental scientific questions

Global Warming - Myth or Reality? 2005-06-24 this book seeks to separate fact from fiction in the global warming debate the author begins by describing the history of the intergovernmental panel on climate change ipcc and many other conferences and their dire predictions on global temperatures rainfall weather and climate while highlighting confusion and sensationalism media

reports he then lays out the heretical scientific case of the sizable skeptical scientific community who challenge the accepted wisdom

Global Warming 2003 explains what global warming is the factors that cause it how it affects the environment and what is being done to prevent it

The Climate Challenge 2009-10-01 immediate and practical climate change solutions for everyone
Environment : Global Warming(encyclopaedia Of Environment), Vol# 3 2005 environmentalists across the world have opined that the unprecedented ferocity of nature be it the catastrophic floods and rains in orissa and mozambique or the devastating drought and famine in africa and mongolia is connected to global warming which is primarily a human induced phenomenon caused by the increasing use of fuels to run our economies glaciers thinning in antarctica and receding of himalayan glaciers are being considered as alarm bells for the entire world recently scientists have predicted that if global warming goes on nothing can prevent large chunks of earth s surface coastal bangladesh maldives alpine meadows in the rocky mountains and some barrier lands from being swept away in the foreseeable future it has been aptly observed by david king uk government s chief scientific adviser climate change poses a bigger threat to the planet than terrorism the world not only needs to take a tough stand against any further investments that support and prolong our dependence on fossil fuels but also to make deep cuts in the carbon emissions if humanity is to survive realising the urgent need for arresting the trend for developing awareness in the readers about the preservation of biodiversity and its significance for life sustainability and equity and for warning against the consequences of environmental exploitation as well the present volume has been compiled an attempt has been made here to study not only the general causes and effects of global warming but also to highlight its effect on particular regions kyoto protocol an international law aiming to reduce greenhouse gases emissions has been analytically studied and remedial measures have also been suggested in this volume the book would be highly useful for students and researchers of environment it would be useful to government executives and ngos concerned with environment and pollution problems since the laymen are deeply interested in clean environment the book would be of great interest to them

Global Warming 2002 provides pro and con arguments on the issues surrounding global warming and climate change

Global Warming 1997 provides pro and con arguments on the issues surrounding global warming and climate change

[This Is Climate Change: A Visual Guide to the Facts - See for Yourself How the Planet Is Warming and What It Means for Us](#) 2021-09-14 the essential all in one guide to climate change packed with easy to understand infographics on all the latest scientific findings this is climate change cuts straight to the facts using infographics on every page to make the reality about our warming planet plain to see how much do humans contribute to global warming what do ever more frequent storms and floods mean for our homes forests coastlines and crops and what is happening to our oceans beyond rising sea levels corroborated by over 100 scientists this is climate change captures the scope of the present crisis without glossing over the nuance or what we don t know this is an urgent examination of the state of our precious precarious planet in pictures

Al Gore 2009 known most of his life as a politician al gore has lent his voice and influence to helping rescue our planet from the effects of climate change and global warming

The Complete Idiot's Guide to Global Warming, 2nd Edition 2008-02-05 revisiting the most important topic of our time the rapid warming of the earth s climate has been a concern for decades though many of us understand that temperatures will on average rise the science and the resulting social economic and political implications of such a change are far reaching and complex this new edition has been completely overhauled synthesizing the latest information into an easy to read reference that provides a fair assessment of climate change its costs and even its short term benefits covers the newest science and issues surrounding global warming written by a seasoned science nature journalist

Global Warming 1992 examines the phenomenon of global warming discussing the greenhouse effect in its positive life giving configuration and again as this mechanism is knocked out of balance by increased levels of carbon gases

[Understand Global Warming and Climate Change](#) 2016-02-27 there s hardly anyone out there who hasn t heard about the term global warming despite its continuous use and repetitive references global warming remains a topic that demands development of understanding from the mass public if you feel uninformed when it comes to global warming and climate changes then don t think less of yourself as it is quite common this book is definitely going to change your understanding regarding this rather critical topic climatic change and global warming is without a doubt the most trivial and controversial issue being faced by the modern era there are certain key topics and important aspects to the concept which you should most definitely be aware of this book will help you in getting familiar with the concept in the best possible manner the book will cover the pure core elements of global warming and basics of climatic change you will be able to learn about all the primary causes of these changes along with their impacts a comprehensive insight into this topic is rather important for a citizen of the modern global society it is high time you made yourself aware of global warming the explanation will be simple and easy to understand in order for you to truly take in the different kinds of information being provided in the book here s a preview of what you should expect to learn from this book what is global warming causes of global warming and climate change impacts of global warming and climate change steps to prevent global warming and climate change read on to get a completely comprehensive scoop on global warming and climate change in a simple yet effective manner

[50 FAQs on Global Warming, Second Edition](#) 2021-06-01 is the sun responsible for global warming what is the cryosphere and why is it important how can volcanoes affect climate change what is a carbon sink and how does it affect climate change why are the trees in the amazon called sweat glands what role does nasa play in mitigating climate change how does global warming affect foraging of bees know the answers to these and 43 more frequently asked questions on global

warming its various aspects and impacts other titles in this series 50 faqs on air pollution isbn 9788174686514 50 faqs on climate change isbn 9788179936917 50 faqs on renewable energy isbn 9788179936900 50 faqs on waste management isbn 9788179936993 50 faqs on water pollution isbn 9788179936924 table of contents weather and climate global warming greenhouse gases cryosphere climate change source of methane volcanoes and climate change aviation and global warming long lived ghgs paleoclimatology carbon sink carbon sequestration water vapour and global warming cement and climate change amazon rainforests climate change and bushfires health hazards and bushfires disappearance of islands nasa and climate change global warming and agriculture polar bears and climate change extinction of fish species hurricanes and weather patterns climate engineering oceans and climate change odd even scheme coronavirus and deforestation overpopulation and global warming plastic pollution pyrolysis bees and global warming climate refugees appiko movement ocean acidification corals and global warming co2 emissions electric vehicles ai and climate change co2 equivalent the montreal protocol the kyoto protocol activist greta thunberg goldilocks zone the paris agreement sustainable development goals green climate fund ghg emissions and the kyoto protocol unfccc and its objectives polluter pays principle tackling global warming glossary test yourself

American Heat 2002 when the world began to wake up to the global environmental crisis in the 1970s the united states was the undisputed world leader in environmental policy yet on an unsettling number of international environmental issues including global warming the u s has not only forfeited its leadership role but has too often become the major barrier to protecting the global environment in *American Heat* donald brown critically analyzes the u s response to global warming inviting readers to examine the implicit morality of the u s position and ultimately to help lead the world toward an equitable sharing of the burdens and benefits of protecting the global environment in short brown argues that an ethical focus on global environmental matters is the key to achieving a globally acceptable solution

Global Warming 1990 in this report commissioned by greenpeace a group of leading scientists and energy analysts from all over the world explain the scientific data available on the risks of global warming the report assesses the implications of the data and outline the policies needed to overcome the problem

Climate of Fear 1998-01-01 most climate experts agree that industrial emissions of carbon dioxide either already have led or will soon lead to an increase in global temperatures while many consider that reason enough to undertake dramatic political action economist thomas gale moore asks so what both historical and economic analysis suggests he argues that a warmer climate would be on balance beneficial to both mankind and the environment the book calls into question the entire campaign led by vice president al gore and others to ratify the proposed treaty on global warming scheduled to be debated in the u s senate early in 1998

Global Warming 2014-06-16 global warming a simple guide to global warming what is global warming and its effects climate refers to the average weather conditions in a certain place over many years for example the climate in minnesota is cold and snowy in the winter and the climate in honolulu hawaii is warm and humid all year long the climate in one area like the midwest or hawaii is called a regional climate the average climate around the world is called global climate when scientists talk about global climate change they re talking about the global climate and a pattern of change that s happening over many years one of the most important trends that scientists look at is the average temperature of the earth which has been increasing for many years this is called global warming rising global temperatures lead to other changes around the world such as stronger hurricanes melting glaciers and the loss of wildlife habitats that s because the earth s air water and land are all related to one another and to the climate this means a change in one place can lead to other changes somewhere else for example when air temperatures rise the oceans absorb more heat from the atmosphere and become warmer warmer oceans in turn can cause stronger storms more than 100 years ago people around the world started burning large amounts of coal oil and natural gas to power their homes factories and vehicles today most of the world relies on these fossil fuels for their energy needs burning fossil fuels releases carbon dioxide a heat trapping gas into the atmosphere which is the main reason why the climate is changing heat trapping gases are also called greenhouse gases they exist naturally in the atmosphere where they help keep the earth warm enough for plants and animals to live but people are adding extra greenhouse gases to the atmosphere these extra gases are causing the earth to get warmer setting off all sorts of other changes around the world on land in the oceans and in the atmosphere and these changes affect people plants and animals in many ways

Green Genius's 101 Questions and Answers 2008-01-01 the climate of the earth has changed many times before in the planet s 4 5 billion year old history but today its temperature is rising faster than ever before driving many life forms to extinction and scientists believe that this time it is humans who are to blame increase your green quotient and learn the answers to some less frequently asked questions on global warming join green genius as he takes you on a journey to discover how to save the earth

A Brief Guide - Global Warming 2012-03-01 it now seems certain that our planet is warming is it the result of human activity and if so how do we combat it this reasoned and reasonable guide helps to clarify the controversial issues and the way forward an accessible guide to climate change that not only gives reasonable answers to the big questions surrounding the issue but also takes us inside the corridors of power and the basements of the united nations where countries are engaged in a game of climate change poker for the individual wondering whether to sell their seaside property or invest in a small wind farm this book offers sensible answers it gives us the best and worst case scenarios and sets out how we can each address this contentious but vital issue

Global Warming and Climate Change Demystified 2008-02-24 a non heated discussion on global warming and climate change interested in getting to the core of the reasons for the earth s changing climate want an accurate reading on the science behind global warming here s your gauge

this easy to follow guide offers a temperate view of this hot topic global warming climate change demystified starts by looking at scientific data gathered from weather instruments satellite telemetry ice cores and coral sections that reveal how the earth's temperature is changing the book goes on to examine the causes of climate change including both natural processes and human generated greenhouse gases finally the consequences of global warming are discussed and a wide variety of viable solutions that can be implemented by individuals as well as society as a whole are presented complete with end of chapter quizzes and a final review to test your knowledge this book will teach you the fundamentals of global warming and climate change in an unbiased and thorough manner this fast and easy guide offers a thorough review of scientific data details on the evidence of global warming worldwide information on the origin and impact of greenhouse gases explanations of alternatives to carbon based energy sources suggestions for local and global solutions simple enough for a beginner but challenging enough for an advanced student global warming climate change demystified is your shortcut to understanding this important and timely issue

Global Warming 101 2008-06-30 the accelerating pace of global warming is provoking anxiety that the earth is reaching an ominous threshold a point of no return within a decade or two various feedbacks may take greenhouse warming past any human ability to contain or reverse it carbon dioxide levels in the atmosphere are rising rapidly fed by increasing fossil fuel use world wide melting permafrost slash and burn agriculture in indonesia and brazil increasing wildfires as well as rapid industrialization using dirty coal in china and india global warming may well become the most urgent problem the world faces during the 21st century natural variations are no longer the major contribution or forcing in earth's climate human contributions became the major factor about 1950 this book has been prepared as a reference for high school students but it also will be useful for anyone who wants a compact plain spoken basic guide to the science of global warming global warming 101 begins with an examination of basic issues followed by important controversies in the field the book then describes scientific issues related to melting ice rising seas and effects on plants and animals as well as human health global warming 101 concludes with consideration of possible solutions global warming 101 combines a survey of the science of global warming with reporting from around the world from sinking pacific islands and thawing arctic permafrost which indicate that significant global warming already has begun

Global Warming For Beginners 2008-12-30 the science is in global warming is for real but what does it all really mean and what can or should we do about it this clear fluid narrative by a leading scientist and educator takes a scrupulously balanced approach in explaining for the reader the history of global climate monitoring and change and the who's how's what's when's where's and why's of the interaction between human activity and recent trends in the earth's climate global warming for beginners is organized into five compelling sections global warming an introduction the cause the consequences the solutions what steps can i take working from the premise that no one can do everything but everyone can do something goodwin challenges readers with experiments they can conduct to gain a better understanding of the science underlying the problems facing our planet and concludes with a list of fifty easy actions people can choose from to start doing their part in the effort to slow or stop global warming as with all for beginners titles this volume is illustrated throughout with entertaining drawings that help readers understand and retain the information in goodwin's lively and comprehensive text

Global Warming - Impacts and consequences of Global Warming 2007-07-22 seminar paper from the year 2007 in the subject business economics general grade 2 0 university of applied sciences constanze course environmental economics 21 entries in the bibliography language english abstract is global warming a reality will there be more serious disasters and will they be more frequent and can human activities change the earth's climate system these are questions that everyone is asking in these days global warming has become familiar to many people as one of the most important environmental issues of our day vice president al gore has divined that the threat of global warming resulting from human production of greenhouse gases is the most serious problem our civilization faces a series of studies on the impacts of climate change have systematically shown that the older literature overestimated climate damages by failing to allow for adaptation and for climate benefits the scientific evidence is now overwhelming that climate change presents very serious global risks and it demands an urgent global response it threatens the basic elements of life for people around the world access to water food production health and use of land and the environment global warming is a reality the global temperature has risen significantly over the last hundred years in this past century the temperature rise was faster and lasted longer than any period over the past ten thousand years it is one of the most pressing environmental social and economical problems facing the planet numerous studies have already reported changes in nature driven by global warming the results of a recent study by american researchers suggests that because of a rapid warming trend over the past decades the earth is now reaching and exceeding the warmest levels in the current interglacial period which has lasted nearly 12 000 years in figure 1 from the intergovernmental panel on climate change you can see the global variations on the earth's surface temperature for the past 140 years and for the past 1000 years in the northern hemisphere on current trends average global temperatures will rise by 2.3 c within the next fifty years or so the earth will be committed to several degrees more warming if emissions continue to grow this may not sound very much especially when it is compared with normal temperature variations from day to night or between one day and the next but you have to remember that it is not the temperature at one place but the temperature average over the whole world rising temperatures may sound appealing to people who live in cooler climates but an increase in temperature will lead to global climate change

Global Warming 1998-11 global warming poses a serious threat to the quality of life in the 21st century taking japan as an example this book explains the anticipated impact of global warming on modern society natural ecosystems agriculture forestry and fisheries water resources and environments the infrastructure and socioeconomic system and human health the most recent

scientific and technical information is presented by more than 30 prominent researchers who are assessing the potential impact of global warming on nature and society the results of their research provide dramatic evidence of the urgency of the task faced by policy makers in responding to climate change for scientists and government officials alike this volume may be considered required reading

Is it Hot in Here? 2006 is it hot in here should be required reading this book takes the complicated topic of global warming and breaks it down for the layman nathan doesn't stand on a soapbox he presents a fair and balanced argument for the climate of our world if you live in a red state or a blue state if you hug trees or drive a hummer this book is for you josh rubenstein meteorologist kcbs kcal los angeles nathan cool s is perhaps the most thoughtful comprehensive well written and accessible study of global warming i've ever read if is it hot in here were being taught in high schools and colleges we might not be suffering through this problem at all aaron kenedi editor in chief shift magazine this is the book for those who want to learn about issues related to global warming the reader isn't pushed around by conspiracy theorists jargoned scientists aggressive environmentalists or people with agendas rather the nuts and bolts of the science scientific process political realities and main debates over global warming are spelled out david b field oceanographer ph d scripps institution of oceanography with an informative and entertaining style nathan cuts through the many confusing and contradictory dialogues swarming around the global warming debate when you read it you'll see that it's not just the sky is falling environmentalists who should be paying attention to voices like cool s gwen mickelson santa cruz sentinel

A Question of Balance 2008-06-24 as scientific and observational evidence on global warming piles up every day questions of economic policy in this central environmental topic have taken center stage but as author and prominent yale economist william nordhaus observes the issues involved in understanding global warming and slowing its harmful effects are complex and cross disciplinary boundaries for example ecologists see global warming as a threat to ecosystems utilities as a debit to their balance sheets and farmers as a hazard to their livelihoods in this important work william nordhaus integrates the entire spectrum of economic and scientific research to weigh the costs of reducing emissions against the benefits of reducing the long run damages from global warming the book offers one of the most extensive analyses of the economic and environmental dynamics of greenhouse gas emissions and climate change and provides the tools to evaluate alternative approaches to slowing global warming the author emphasizes the need to establish effective mechanisms such as carbon taxes to harness markets and harmonize the efforts of different countries this book not only will shape discussion of one of the world's most pressing problems but will provide the rationales and methods for achieving widespread agreement on our next best move in alleviating global warming

This is My Planet 2007 examines such questions as why global warming is a problem how we know the earth is warming up how climate change will affect us and how we can stop it from getting worse *The Discovery of Global Warming* 2003 in 2001 a panel representing virtually all the world's governments and climate scientists announced that they had reached a consensus the world was warming at a rate without precedent during at least the last ten millennia and that warming was caused by the buildup of greenhouse gases from human activity the consensus itself was at least a century in the making the story of how scientists reached their conclusion by way of unexpected twists and turns and in the face of formidable intellectual financial and political obstacles is told for the first time in the discovery of global warming spencer r weart lucidly explains the emerging science introduces us to the major players and shows us how the earth's irreducibly complicated climate system was mirrored by the global scientific community that studied it unlike familiar tales of science triumphant this book portrays scientists working on bits and pieces of a topic so complex that they could never achieve full certainty yet so important to human survival that provisional answers were essential weart unsparingly depicts the conflicts and mistakes and how they sometimes led to fruitful results his book reminds us that scientists do not work in isolation but interact in crucial ways with the political system and with the general public the book not only reveals the history of global warming but also analyzes the nature of modern scientific work as it confronts the most difficult questions about the earth's future table of contents preface 1 how could climate change 2 discovering a possibility 3 a delicate system 4 a visible threat 5 public warnings 6 the erratic beast 7 breaking into politics 8 the discovery confirmed reflections milestones notes further reading index reviews of this book a soberly written synthesis of science and politics gilbert taylor booklist reviews of this book charting the evolution and confirmation of the theory of global warming spencer r weart director of the center for the history of physics of the american institute of physics dissects the interwoven threads of research and reveals the political and societal subtexts that colored scientists' views and the public reception their work received andrew c revkin new york times book review reviews of this book it took a century for scientists to agree that gases produced by human activity were causing the world to warm up now in an engaging book that reads like a detective story physicist weart reports the history of global warming theory including the internal conflicts plaguing the research community and the role government has had in promoting climate studies publishers weekly reviews of this book it is almost two centuries since the french mathematician jean baptiste fourier discovered that the earth was far warmer than it had any right to be given its distance from the sun spencer weart's book about how fourier's initially inconsequential discovery finally triggered urgent debate about the future habitability of the earth is lucid painstaking and commendably brief packing everything into 200 pages fred pearce the independent reviews of this book the discovery of global warming is a well written well researched and well balanced account of the issues involved this is not a sermon for the faithful or verses from revelation for the evangelicals but a serious summary for those who like reasoned argument read it and be converted john emsley times literary supplement reviews of this book this is a terrific book perhaps the finest compliment i could give this book is to report

that i intend to use it instead of my own book for my climate class the discovery of global warming is more up to date better balanced historically beautifully written and not least important short and to the point i think the intergovernmental panel on climate change needs to enlist a few good historians like weart for its next assessment stephen h schneider nature reviews of this book this short well written book by a science historian at the american institute of physics adds a serious voice to the overheated debate about global warming and would serve as a great starting point for anyone who wants to better understand the issue maureen christie american scientist reviews of this book i was very pleasantly surprised to find that spencer weart s account provides much valuable and interesting material about how the discipline developed not just from the perspective of climate science but also within the context of the field s relation to other scientific disciplines the media political trends and even 20th century history particularly the cold war in addition weart has done a valuable service by recording for posterity background information on some of the key discoveries and historical figures who contributed to our present understanding of the global warming problem thomas j crowley science reviews of this book weart has done us all a service by bringing the discovery of global warming into a short compendious and persuasive book for a general readership he is especially strong on the early days and the scientific background crispin tickell times higher education supplement a capricious beast ever since the days when he had trudged around fossil lake basins in nevada for his doctoral thesis wally broecker had been interested in sudden climate shifts the reported sudden jumps of co2 in greenland ice cores stimulated him to put this interest into conjunction with his oceanographic interests the result was a surprising and important calculation the key was what broecker later described as a great conveyor belt of seawater carrying heat northward the energy carried to the neighborhood of iceland was staggering broecker realized nearly a third as much as the sun sheds upon the entire north atlantic if something were to shut down the conveyor climate would change across much of the northern hemisphere there was reason to believe a shutdown could happen swiftly in many regions the consequences for climate would be spectacular broecker was foremost in taking this disagreeable news to the public in 1987 he wrote that we had been treating the greenhouse effect as a cocktail hour curiosity but now we must view it as a threat to human beings and wildlife the climate system was a capricious beast he said and we were poking it with a sharp stick i found the book enjoyable thoughtful and an excellent introduction to the history of what may be one of the most important subjects of the next one hundred years clark miller university of wisconsin the discovery of global warming raises important scientific issues and topics and includes essential detail readers should be able to follow the discussion and emerge at the end with a good understanding of how scientists have developed a consensus on global warming what it is and what issues now face human society thomas r dunlap texas a m university

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