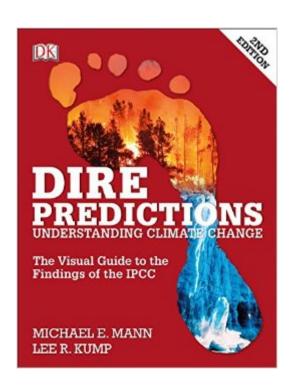
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# Dire Predictions, 2nd Edition: Understanding Climate Change





## **Synopsis**

Explore global warming with graphics, illustrations, and charts that separate climate change fact from fiction, presenting the truth about global warming in a way that's both accurate and easy to understand. Respected climate scientists Michael E. Mann and Lee R. Kump address important questions about global warming and climate change, diving into the information documented by the IPCC (Intergovernmental Panel on Climate Change) and breaking it down into clear graphics that explain complex climate questions in simple illustrations that present the truth of the global warming problem clearly. These experts take scientific findings about climate change and global warming and use analogies, striking images, and understandable graphics to make the global warming question clear to both skeptics and scientists. Dire Predictions shows the evidence and the causes that respected scientists have documented in IPCC findings and climate change studies â " this powerful, illustrated book is updated with the latest IPCC information and is a must-read for anyone interested in understanding global warming and climate change and in joining the debate over the best way to combat global warming.

## **Book Information**

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### Customer Reviews

If you're like me, you've longed for a user-friendly book to both clarify your own thoughts about global warming and to recommend to those acquaintances, friends, relatives, and colleagues who are either indifferent to climate change or think it's a bunch of tree-hugging hooey. Believe me, Dire Predictions is the book we've been waiting for. I rarely gush in the reviews I write. But I'm gushing in this one. Authors Michael Mann and Lee Kump, the former a weather scientist and the latter a

geoscientist, have put together a primer on global warming drawn from IPCC (Intergovernmental Panel on Climate Change) reports that offers incredibly helpful illustrations and graphs, beautiful photographs, and informative, to the point text. The explanations are concise, typically a single topic to a page fold, and they focus on exactly the kinds of questions and issues that most of us have wondered about--for example, Is our atmosphere really warming?; How to build a climate model; Back to the future: Deep time holds clues to climate change; Fingerprints distinguish human and natural impacts on climage; Why is it called greenhouse effect? and Couldn't the increase in atmosphere CO2 be the result of natural cycles?The book is divided into 5 parts:1. Climate Change Basics2. Projections of Future Climate Change3. Impacts of Climate Change4. Vulnerability and Adaptation to Climate Change5. Solving Global WarmingOne of the best features of the Mann and Kump's approach is that they don't hesitate to respond directly to the "debunkers" of global warming that have become popular of late.A wonderful book, exactly the sort of popular science approach that citizens, community activists, public policy makers, and presidential candidates need to get clear on the facts and implications of global warming. Highly recommended. Six stars.

I love the concept behind this book: an "illustrated" guide instead of another long text of prose about global warming. It has tons of charts and graphs and colorful pictures, so you learn the field in a new way -- less abstractly, more intuitively. Slightly below a Scientific American-level. This book would be great for someone who wants to understand climate change, but doesn't have the background (or patience) to read a 300 page book on it. Plus it would be great for kids 7th grade and up.I've read hundreds of books and articles and papers on climate change, and yet I still learn things from nearly every page in the book, no matter where in it I start.

The first edition of this book was published seven years ago. A lot has been learned since that time of the 4th meeting of the IPCC. This is the latest from their 5th meeting early 2015The think this is a fine reference for one who has some science education and interest on the pressing, global issue of AGCC (anthropogenic global climate change). IPCC (International Panel on Climate Change) is responsible for gathering and summarizing the empirical picture of what's going on. Dire Predictions gives graphic summaries of experimental results with text explaining the data and probably implications for present and future conditions for life on Earth, physically our sole mutual home. Data can be daunting to make sense of, but the objective of the book is to make it available and attractively presented in hard copy. It is colorful and illustrated, often with dramatic photos in background. Scattered through the book are also QR links, like bar codes that you can scan with

your smart phone to access links to relevant websites and online videos. The graphics and pictures substitute for a few thousand words. Some pages have pointers that refer you to other page numbers that provide helpful backgrounds or relevant topicsl view this as a reference that helps build knowledge as you progress through but it's not to read the chapters in sequence. I'd recommend the beginning for some vocabulary and fundamentals. The further sections of the book are Projections, Impacts, and Solutions, and can be explored in whatever order you wish. Some pages have pointers that refer you to other page numbers. I also can flip through it and peruse one by one the two-page spreads which are common throughout. By accessing these pages randomly or more sequentially, I can either way add to my knowledge and learn what the best scientists are discovering, and how to speak the language of climate science.

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