



## The Copenhagen Diagnosis

### Updating the World on the Latest Climate Science

By 26 Leading Scientist

114 pages

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#### Key Features

- A synthesis of more than 200 timely, up-to-date, and peer-reviewed papers that serves as an interim evaluation of climate science midway through the IPCC Assessment Report cycle
- Authored by 26 of the world's leading climate scientists, most of whom are also contributing authors to the IPCC Assessment Reports.
- Covers a broad range of topics evaluated by the IPCC, including greenhouse gas emissions, the global carbon cycle, sea level rise, and future climate projections.
- Topical boxes summarize each chapter and address commonly held misconceptions surrounding the science of climate change.

#### Description

The Copenhagen Diagnosis is a summary of the global warming peer reviewed science since 2007. Produced by a team of 26 scientists led by the University of New South Wales Climate Research Centre, the Diagnosis convincingly proves that the effects of global warming have gotten worse in the last three years. It is a timely update to the UN's Intergovernmental Panel on Climate Change 2007 Fourth Assessment document (IPCC AR4).

The report places the blame for the century long temperature increase on human factors and says the turning point "must come soon";. If we are to limit warming to 2 degrees above pre-industrial values, global emissions must peak by 2020 at the latest and then decline rapidly. The scientists warned that waiting for higher levels of scientific certainty could mean that some tipping points will be crossed before they are recognized. By 2050 we will effectively need to be in a post-carbon economy if we are to avoid unlivable temperatures.

Authors: Ian Allison, Nathaniel Bindoff, Robert Bindshadler, Peter Cox, Nathalie de Noblet-Ducoudre, Matthew England, Jane Francis, Nicolas Gruber, Alan Haywood, David Karoly, Georg Kaser, Corinne Le Que' re, Tim Lenton, Michael Mann, Ben McNeil, Andy Pitman, Stefan Rahmstorf, Eric Rignot, Hans Joachim Schellnhuber, Stephen Schneider, Steven Sherwood, Richard Somerville, Konrad Steffen, Eric Steig, Martin Visbeck, Andrew Weaver

#### Quotes

"*The Copenhagen Diagnosis* is a very thoughtful, accessible and valuable update on the most advanced climate science. It has an overwhelmingly clear message: if we do not act strongly in this decade, then we risk causing irreversible and severe damage to our planet." -- **Sir Nicholas Stern**, I.G. Patel Professor of Economics and Government and Chair of the Grantham Research Institute on Climate Change and the Environment at London School of Economics and Political Science

"A must read book for those wanting the truth about climate change--credible and authoritative by some of the world's leading scientists." -- **Dr. Robert Watson**, Chair of the Intergovernmental Panel on Climate Change (IPCC) from 1997 to 2002

"This book by Allison (Ice Ocean Atmosphere and Climate Program, Australian Antarctic Division) et al., synthesizes of all the peer-reviewed scientific publications on human caused climate change since the publication of the IPCC's Fourth Assessment Report in 2007. The report provides the most up-to-date information on greenhouse gas emissions, the global carbon cycle, sea level rise, future climate projections, and more. Presented in relatively accessible language with dozens of charts, figures, and photographs, this book is intended for the general reader concerned with climate change as well as those in academia."--**Reference and Research Book News**

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**Author Information**

By **26 Leading Scientists**

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