



To stabilize climate, global emissions of carbon dioxide and other long-lived greenhouse gases need to reach near-zero well within this century, the report states.

The full report is available at [www.copenhagendiagnosis.com](http://www.copenhagendiagnosis.com)

**The Copenhagen Diagnosis**, 2009: Updating the World on Latest Climate Science.

I. Allison, N.L. Bindoff, R.A. Bindshadler, P.M. Cox, N. de Noblet, M.H. England, J.E. Francis, N. Gruber, A.M. Haywood, D.J. Karoly, G. Kaser, C. Le Quéré, T.M. Lenton, M.E. Mann, B.I. McNeil, A.J. Pitman, S. Rahmstorf, E. Rignot, H.J. Schellnhuber, S.H. Schneider, S.C. Sherwood, R.C.J. Somerville, K. Steffen, E.J. Steig, M. Visbeck, A.J. Weaver. University of New South Wales Climate Change Research Centre (CCRC), Sydney, Australia, 60pp.

#### Statements by Authors

"Sea level is rising much faster and Arctic sea ice cover shrinking more rapidly than we previously expected. Unfortunately, the data now show us that we have underestimated the climate crisis in the past."

Professor **Stefan Rahmstorf**, Professor of Physics of the Oceans and a Department Head at the Potsdam Institute for Climate Impact Research in Germany.

"Carbon dioxide emissions cannot be allowed to continue to rise if humanity intends to limit the risk of unacceptable climate change. The task is urgent and the turning point must come soon. If we are to avoid more than 2 degrees Celsius warming, which many countries have already accepted as a goal, then emissions need to peak before 2020 and then decline rapidly."

Professor **Richard Somerville**, Scripps Institution of Oceanography, University of California, San Diego, USA.

"Our available emissions to ensure a reasonably secure climate future are just about used up. Within just a decade global emissions need to be declining rapidly. An urgent binding treaty is needed to ensure unilateral action among the high emitters."

Professor **Matthew England**, ARC Federation Fellow and joint Director of the Climate Change Research Centre of the University of NSW, Australia.

"This is a final scientific call for the climate negotiators from 192 countries who must embark on the climate protection train in Copenhagen. They need to know the stark truth about global warming and the unprecedented risk1 (k) 9 0 7m (a) 4 (d) 4 ( ) 9 (a) 4 (t) 9( ) 9 (202(ec9P(a)ET ) Tj ET Qj ET Qj8 320.6

Stephen Gray +61 403 802 027 (mobile) or [Stephen.Gray@unsw.edu.au](mailto:Stephen.Gray@unsw.edu.au)  
Matthew England +61 425 264 485 (mobile) or [M.England@unsw.edu.au](mailto:M.England@unsw.edu.au)

**US / CANADA:**

Robert Monroe or Mario Aguilera +1 858-534-3624; [scrippsnews@ucsd.edu](mailto:scrippsnews@ucsd.edu)  
Richard Somerville +1 619 977 2713 (mobile) or [rsomerville@ucsd.edu](mailto:rsomerville@ucsd.edu)

**EUROPE:**

PIK Press Office +49 331 288 25 07 or [press@pik-potsdam.de](mailto:press@pik-potsdam.de)  
IFM-GEOMAR Press Office +49 431 600 28 02 oder [avillwock@ifm-geomar.de](mailto:avillwock@ifm-geomar.de)