Ice Melt, Sea Level Rise and Superstorms

James Hansen

The paper "Ice melt, sea level rise and superstorms: evidence from paleoclimate data, climate modeling, and modern observations that 2°C global warming is highly dangerous" has been published in Atmospheric Chemistry and Physics Discussion and is freely available <u>here</u>.

The paper draws on a large body of work by the research community, as indicated by the 300 references. No doubt we missed some important relevant contributions, which we may be able to rectify in the final version of the paper. I thank all the researchers who provided data or information, many of whom I may have failed to include in the acknowledgments, as the work for the paper occurred over a several year period.

I am especially grateful to the Durst family for a generous grant that allowed me to work full time this year on finishing the paper, as well as the other supporters of our program Climate Science, Awareness and Solutions at the Columbia University Earth Institute.

In the conceivable event that you do not read the full paper plus supplement, I include the Acknowledgments here:

Acknowledgments. Completion of this study was made possible by a generous gift from The Durst Family to the Climate Science, Awareness and Solutions program at the Columbia University Earth Institute. That program was initiated in 2013 primarily via support from the Grantham Foundation for Protection of the Environment, Jim and Krisann Miller, and Gerry Lenfest and sustained via their continuing support. Other substantial support has been provided by the Flora Family Foundation, Dennis Pence, the Skoll Global Threats Fund, Alexander Totic and Hugh Perrine. We thank Anders Carlson, Elsa Cortijo, Nil Irvali, Kurt Lambeck, Scott Lehman, and Ulysses Ninnemann for their kind provision of data and related information. Support for climate simulations was provided by the NASA High-End Computing (HEC) Program through the NASA Center for Climate Simulation (NCCS) at Goddard Space Flight Center.