

Martin Hoerling, Meteorologist NOAA Earth System Research Laboratory

Dr. Martin Hoerling is a research meteorologist, specializing in climate dynamics, in NOAA's Earth System Research Laboratory located in Boulder, Colorado. He is the Convening Lead Author for the US Climate Change Science Plan Synthesis and Assessment Report on "*Attribution of the Causes of Climate Variations and Trends over North America*", due for public release in early 2008. Dr. Hoerling is Chairman of the US CLIVAR (Climate Variability) research program. Dr. Hoerling served as Editor for the American Meteorological Society's *Journal of Climate*, and has published over 50 scientific papers dealing with climate variability and change.

His research interests include climate variability on seasonal to centennial time scales, focusing on air-sea interactions such as related to El Nino, and the role of oceans in decadal climate variation and climate change. He received his Bachelors, Masters, and PhD degrees from the University of Wisconsin-Madison, graduating in 1987. He is principal investigator on several research projects to understand the causes and origins for Earth's global climate variations during the last Century, and advancing capabilities to predict such variations. Dr. Hoerling has served as project manager for NOAA's Regional Integrated Science Assessment on Water, Climate and Society in the Interior Western United States that is studying this region's sensitivity and responses to climate variations, and the need for climate information by regional decision makers.