Simmons (Austin College) and Sutter (Univ. of Texas-Pan American) analyze the cost-effectiveness of different measures for reducing the impact of tornados, including tornado shelters, safe rooms, warnings and watches, and Doppler weather radar. Starting with a fascinating discussion of the idiosyncrasies of tornado impact data, the book continues with a sophisticated analysis of casualty patterns and mitigation strategies. The analysis is authoritative and meticulously grounded in research; the topic is timely and important (not only because there seem to be more incidents of extreme weather, but also because of what the book reports about how people perceive and respond to low-probability, high-consequence events, so-called Black Swans); and the presentation is effective. The authors' research has important policy implications. For example, an increase in warning lead times beyond 15 minutes does not yield any additional reduction in tornado casualties; an increase in the number of false alarms increases casualties (the cry wolf effect) because people start ignoring warnings; and the value of protective investments depends on local risk factors, which vary by state and socioeconomic characteristics. This book will appeal mostly to readers with an interest in meteorological phenomena, which is a shame because it can be profitably read by a much broader audience. Summing Up: Highly recommended. All readership levels. -- J. H. Turek, Lynchburg College