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Transformation of Synoptic Meteorology, the Study of Rapid Cyclogenesis, the Prediction of Marine Cyclones, and the Forecast of New York City's "Big Snow" of December 1947 -- Climate and Climatology -- Linking Weather and Climate -- Closed Anticyclones of the Subtropics and Midlatitudes: A 54-Yr Climatology (1950–2003) and Three Case Studies.

Sommario/riassunto

This long-anticipated monograph honoring scientist and teacher Fred Sanders includes 16 articles by various authors as well as dozens of unique photographs evoking Fred's character and the vitality of the scientific community he helped develop through his work. Editors Lance F. Bosart (University at Albany/SUNY) and Howard B. Bluestein (University of Oklahoma at Norman) have brought together contributions from luminary authors-including Kerry Emanuel, Robert Burpee, Edward Kessler, and Louis Uccellini-to honor Fred's work in the fields of forecasting, weather analysis, synoptic meteorology, and climatology. The result is a significant volume of work that represents a lasting record of Fred Sanders' influence on atmospheric science and legacy of teaching.
