



Biography: F. Martin Ralph

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Dr. F. Martin Ralph is a meteorologist focused on atmospheric rivers, understanding the origins of floods, and on improving predictions for water management and flood control applications. After 21 years at NOAA, he created the “Center for Western Weather and Water Extremes” at UC San Diego. He’s published over 150 peer-reviewed scientific articles and has developed programs on new science and technology and their application to solving practical problems.

He is a leading expert on atmospheric rivers and provides input to policy makers on western weather and water extremes. He is a leader in development of Forecast-Informed Reservoir Operations (FIRO), working closely with federal, state and local water managers. He is a Fellow of the American Meteorological Society and has received awards from several organizations. He has a B. S. in Meteorology from University of Arizona, and a Ph.D. in Atmospheric Sciences from UCLA.