



Dr E. Hugo Berbery

Dr E. Hugo Berbery is a Research Professor and an Adjunct Member of the Graduate Faculty in the Department of Atmospheric and Oceanic Science of the University of Maryland. Dr. Berbery is also a Corresponding Member of the Argentine National Council of Scientific and Technological Research (CONICET). He uses regional models and diagnostic approaches to investigate the regional mechanisms of the American monsoon systems, and the effects of land-cover changes and land surface-atmosphere feedbacks on the hydroclimate and extremes of the Americas. On the large scales, Dr. Berbery has investigated the dynamical basis of the Southern Hemisphere intraseasonal teleconnections, as well as the mechanics of the interaction between tropical heating and subtropical and extratropical circulations. Recently he has been looking at the modulation of daily U.S. precipitation by lower frequency modes and the combined effect of El Niño and Tropical Atlantic in favoring droughts.

Dr. Berbery received his Lic. Degree (1976) and Ph. D. (1987) from the University of Buenos Aires. In 2011 he was elected Fellow of the American Meteorological Society. Dr. Berbery is currently the co-chair of the Variability of the American Monsoons System (VAMOS) Panel of CLIVAR/WCRP and also co-chair of the La Plata Basin (LPB) Regional Hydroclimate Project, endorsed by CLIVAR and GEWEX.