

30 Years Service

Paul Trimble – Lead Hydrologic Modeler, Model Development Hydrologic & Environmental Systems Modeling

Anyone involved with Lake Okeechobee operations or the application of climate outlooks in week-to-week management of the water resources system is familiar with Paul Trimble's work. Paul came to the District in November 1977 after completing his BS in meteorology from the University of Massachusetts in 1975 and 2 years of graduate studies in global scale meteorology at Florida State University.

His early contributions to the District focused on regional hydrologic model development and applications. For several years he led the development and applications of the South Florida Regional Routing Model and contributed to the development of the South Florida Water Management Model. In 1995 Paul received his MS in Engineering from Florida Atlantic University.

More recently, Paul has made significant contributions to identifying ways for applying climate outlooks towards more proficient operational and water resources planning. His identification of the link between multi-decadal shifts in North Atlantic Ocean currents [known as the Atlantic Multi-decadal Oscillation] to meteorologic and hydrologic records in south Florida was a landmark finding in the understanding of the importance of the Atlantic Ocean to global climate variability. This relationship has been referenced and verified in an extensive number of national and international journals.

Paul is currently involved in applying climate outlooks within regional hydrologic models for operational planning. He has co-authored several articles on climate variability and its application to water resources and operational planning.