

December 2008 Employee of the Month
Randy Vanzee, Chief Hydrologic Modeler
Model Development Section
Hydrologic & Environmental Systems Modeling Department

Randy Vanzee has established himself as one of the premier developers and the chief architect of the Regional Simulation Model. In fact, Randy is a key architect of many premier models at the District. He was the primary developer for the Natural System Model versions 4 onwards. He developed the original Regional Routing Model using object-oriented language. His contributions are critical to the current progress of modeling in the Hydrologic & Environmental Systems Modeling Department. He has been the “man behind the curtain” to make sure models are developed correctly and meet the needs of our customers.

Randy plays a central role in formulating the overall design of the Regional Simulation Model. He provides technical guidance on matters related to its development and implementation. He always tries to anticipate modeling needs of upcoming projects and provide the necessary modeling capabilities, and he delivers. In FY07, it was chiefly Randy’s tireless efforts that brought the first phase of the Northern Everglades Project home through training, troubleshooting, model enhancement, and bug fixes. Without Randy’s effort, the modeling for the Northern Everglades project would not have been completed on time. He ensured that every development need was met within a 24-hour period even if it meant working from home on weekends.