

American Water Resources Association
2010 SUMMER SPECIALTY CONFERENCE
GIS & Water Resources VI
March 29 – 31, 2010
Orlando, FL

Tuesday, March 30
8:30 AM – 10:00 AM
SESSION 9: Panel on Arc Hydro

The Florida Arc Hydro Experience: Where Do We Go From Here? - Sandra Fox, St. Johns River Water Management District, Palatka, FL (co-authors: Alan Foley)

Management of the unique hydrologic systems in Florida requires interaction across multiple agencies and professional disciplines. Public, private, and academic entities all play roles in managing Florida's water. Business drivers, staff, infrastructure, and organization may differ between entities but they are all linked by an interest in water management. The Arc Hydro data model has provided an effective yet unrestrained standard to facilitate development, storage, analysis, and communication of water resources data. Considerable effort has been expended by the Florida Arc Hydro community (primarily by or for the 5 Water Management Districts) to implement variations on the "standard" Arc Hydro data model to support hydrologic and hydraulic modeling, water quality modeling, flood hazard mapping, watershed management and other functions. Ongoing collaborative efforts involving Arc Hydro in Florida are represented by two groups, the Florida Arc Hydro Working Group (FAHWG) and the Florida Arc Hydro Users Group (FLAHUG). FAHWG is an ongoing collaboration of water resources professionals actively using Arc Hydro from Florida's water management districts, county governments and private consultants. From the time of its inception the FAHWG became more focused on technological information exchange between its members. Thus, FLAHUG was created to meet the needs for training and information exchange of a much broader group. This panel will be composed of members from FAHWG and FLAHUG discussing background and status updates for current Arc Hydro implementations in Florida. The discussion will focus on technical insights, lessons learned in the course of the implementations and perhaps more importantly, what the future goals and activities of the two groups should be.