

Spring 1999 Workshop Topics

USGS Keynote

Brief Intro. by John Vecchioli, Florida District Chief with USGS Keynote by Allison Shipp, National TMDL Coordinator for the USGS-WRD.

FDEP TMDL Status

Discussion of Basin Management, Legislative Update, Reaches, Parameters, and Priorities; Relationships between PLRGs, WQBELs, and TMDLs. Daryll Joyner (129K) and Jan Mandrup-Poulsen (1.58MB).

Agency TMDL Perspectives and Capabilities

Panel Discussion. – USGS panelist Anne Hoos (874K), Southeast Region TMDL Coordinator for the USGS-WRD. Fred Calder, DEP Office of Water Policy-SWIM Plans Update. Daryll Joyner DEP. Dean Campbell, SJRWMD. Moderator: Jan Mandrup-Poulsen, DEP.

TMDL Funding

Jim Greenfield (EPA).

Agency Monitoring Network Strategies

Panel Discussion; Discussion of sampling networks (SW, GW, Flow, and Atmospheric) by each agency and opportunities to optimize inter-agency efficiencies. Donna Schiffer (2.52MB) (USGS), Rick Copeland (IWRM), Ellen McCarron (431K) (Bioassessments), Jeff Martin (DEP) District Monitoring, and Tom Atkeson (Atmospheric Deposition), FDEP

Water Quality Issues and Interstate Watersheds / Communicating Across Political Boundaries

Discussions on how to keep communications open across political boundaries so that critical information is not lost in assessing loads for each party. Panel Discussion. Kirk Webster (480K) (SRWMD) and Tim Schirah (GAEPD) from the Interstate Alliance for the Suwannee River Basin., Lynn Sisk (ALDEP), Dan Hippe (NAWQA,USGS), and Jim Greenfield (EPA)

Data Integrity (QA/QC) and the Role of Ancillary Data

Discussion of data needs and availability (ancillary GIS data sets, precipitation, discharge, etc.), error analysis and QA/QC issues. Data integrity, Brian Katz (USGS); QA/QC, Paul Hansard (FDEP); and ancillary data, Richard Wieckowicz (FDEP)

ASAS System for Automated STORET Data Retrieval, Inventory, and Analysis

Mike Turtora (USGS)

Spatial Estimation of Rainfall with Doppler Radar and Implications to Modeling

Discussion of Doppler Radar rainfall products - providing estimates of rainfall over extensive areas for use in surface-water models aimed at characterizing non-point source pollution. Potential utilization of a data set in a previously run model with only rain gage data for comparison. Joel Lanier (NOAA); Greg Knecht (FDEP)

The Importance of Understanding GW/SW Interaction -- Florida Examples

Nutrient Loading in the Middle Suwannee River Basin. Dave Hornsby (3.3MB) (SRWMD). GW Interaction with Lakes; Laura Sacks (566K) (USGS)

Discharge Estimation / Maximizing the use of gaged river sites

Discussion of techniques used to estimate river discharge over large areas from gaged river sites in similar hydrologic settings (Flow routing/partial-record techniques; Neural Network techniques). Paul Conrads and Anne Choquette (USGS)

The Nuts and Bolts of Real Time Data Networks

Discussion of the requirements for developing a real-time data network. Marvin Franklin and Carl Goodwin (3.59MB) (USGS)

Surface Water and Ground Water Model Options

Panel Discussion Discussion of available models, which are most appropriate, type and location of models that have already been developed and implemented across Florida's landscape. Jerad Bales and Gary Mahon (USGS); Doug Gilbert (672K) (SW) and Paul Lee (GW), (FDEP); John Hendrickson (271K) (SJRWMD); Jim Greenfield (EPA)

The Generation and Analysis of Model Simulation Scenarios for Watersheds

Presentation by GenScn a graphical user interface developed for non-point source pollution modeling with HSPF. Alan Lumb (USGS). Patrick Detscher (1.7MB) (DEP) - STORET Modernization.

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TMDL Protocol and Implementation

Jennifer Herndon and Jim Greenfield (EPA-Region 4).

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