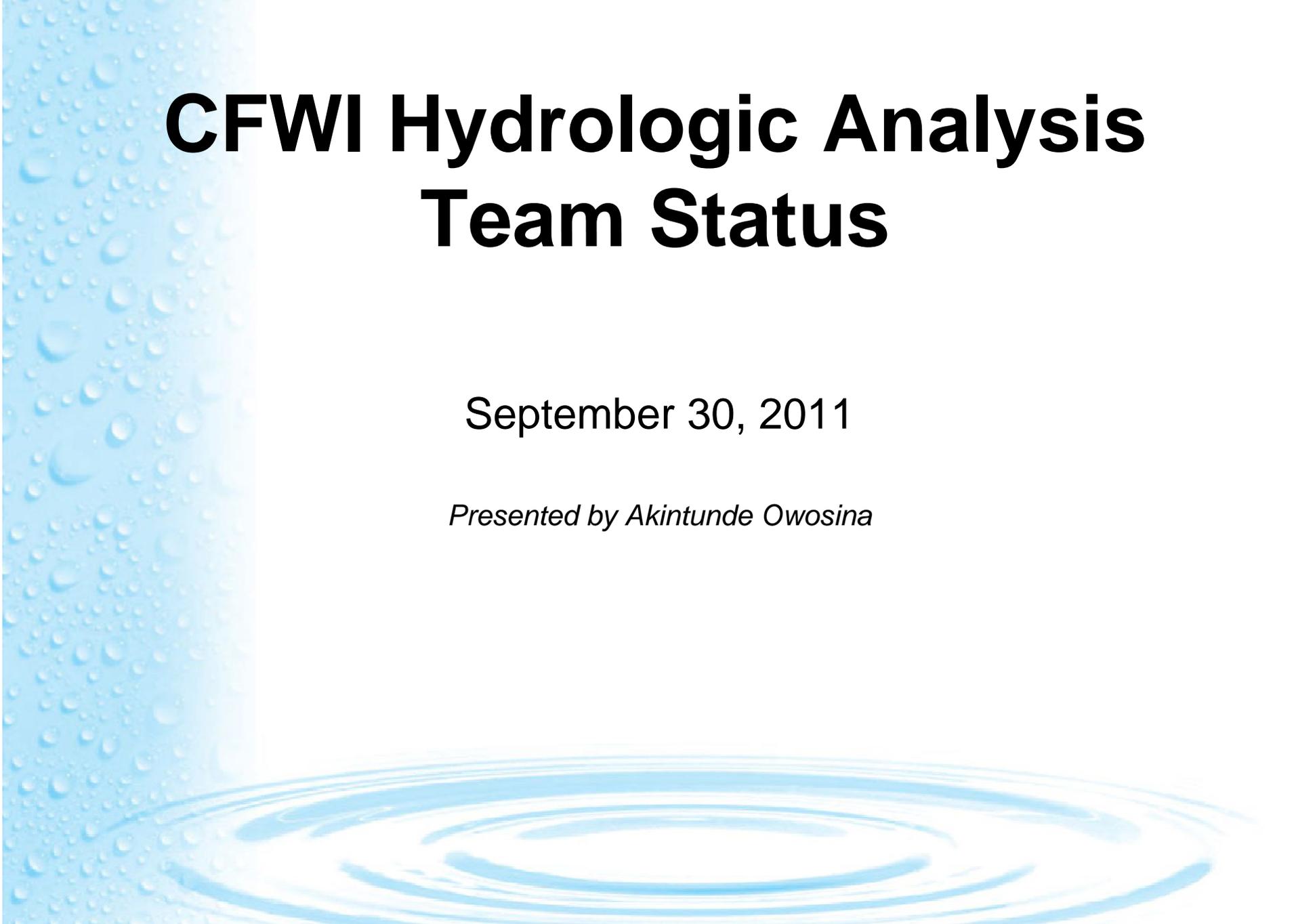


CFWI Hydrologic Analysis Team Status

September 30, 2011

Presented by Akintunde Owosina



The Hydrologic Analysis Team

The Hydrologic Analysis Team is made up of representatives from the three WMDs, DACS and technical representatives of the stakeholders. The team is charged with developing the necessary modeling tools and data analysis to support the CFWI.

Leads & Team Members as of September 30th 2011 are:

SWFWMD	SFWMD	SJRWMD	DACS	UTILITIES / OTHERS
<ul style="list-style-type: none"> • Mark Barcelo • Jill Hood 	<ul style="list-style-type: none"> • <u>Akin Owosina</u> • Jeff Giddings 	<ul style="list-style-type: none"> • Doug Munch • Patrick Burger 	<ul style="list-style-type: none"> • Camilo Gaitan 	<ul style="list-style-type: none"> • <u>David MacIntyre (STOPR)</u> • Bruce Lafrenz (STOPR) • Al Aikens (Seminole County/OUC) • Sarah Whitaker (WALC)
<ul style="list-style-type: none"> • Ron Basso • Ken Weber 	<ul style="list-style-type: none"> • David Butler • Chris Sweazy • Jason Yan 			<ul style="list-style-type: none"> • Keith Browning (OUC) • Chris Russell (OUC) • Brian Megic (Orange County) • Valerie Davis (WALC)

Progress Since Last Briefing (1)

- The HAT met with the EMT (7/13/2011, 8/10/2011)
 - Continued discussion on options to link environmental information and hydrologic analysis and define environmental reference condition
 - Reviewed publicly available data that could augment and enhance existing WMD compiled environmental data
 - Presented and discussed alternative approaches for evaluating and accessing availability
 - Coordinated high level schedule elements regarding initiation of availability determination related tasks.
- Met with USGS August 31st to review progress on the model calibration
 - Reviewed progress on transient calibration and model sensitivity to key input parameters.

Progress Since Last Briefing (2)

- CFWI work plan development
 - Initiated collaborative work process with other teams through Technical Oversight Team
 - Drafted modeling related tasks for “Availability Determination”
- HAT had conference call/web meetings on July 19, 21, 29; August 16, 18; September 1, 13, 29. Face to face meetings on July 13; September 20.
 - Discussions on evaluation approach for associating observed and simulated impact of withdrawals
 - Determination of work packets for detailed schedule building
 - Exploration of reference conditions
 - Work assignments on water use representation in CFWI modeling

Anticipated Work for Next Reporting Period

- Complete draft white paper documenting historic water use and representation in model for calibration and Availability Determination.
- Refine “Availability Determination” activities section of CFWI document.
- Continue collaboration with EMT on relating simulated and observed wetland changes to withdrawals.
- Provide HAT input to finalizing schedule and overall integrated schedule of the CFWI through Technical Oversight Team.

Anticipated Work for Next Reporting Period (2)

- Review final calibration statistics and results from USGS model development.

Status of Key Activities

Compliance with Sunshine Law

- Planned meeting with counsel to clarify activities consistent with fact finding role of the technical teams

Progress of USGS model

- Calibration scheduled completion date September 30, 2011. Followed by report preparation (December 2011) and internal USGS review (February – March 2012)

Delivery of USGS model

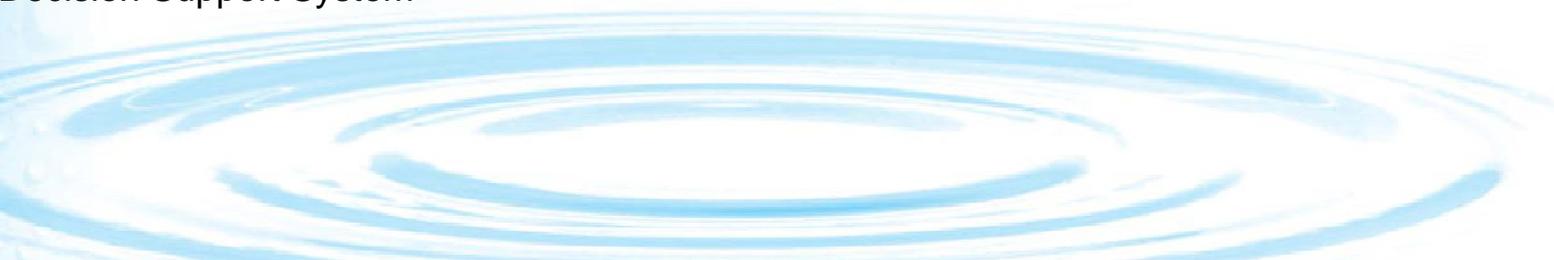
- Model on critical path, any delays will impact initiative schedule (currently on schedule for calibration milestone)
- Initial access will be through technology transfer accommodation being sought by SJRWMD to allow earliest access to the model by HAT

USGS Model Delivery Schedule

Calendar Years	2011				2012								
Fiscal Years	2011	2012											
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
ECFT Model:													
Calibration completed	█												
Draft report preparation for review		█	█	█									
Technology Transfer					█	█	█	█					
Report review & approval					█	█	█						
Final Report preparation & distribution								█	█				
Data Mining:													
ANNs/DSS development & completion	█	█											
ANN/MODFLOW comparison		█	█										
Draft report preparation for review			█	█	█	█							
Technology transfer							█	█	█	█			
Report review & approval							█	█	█	█			
Final Report preparation & distribution											█	█	█

ANN: Artificial Neural Network

DSS: Decision Support System



Status of Key Activities

Reference condition and evaluation methodology

- Resolution necessary on both before initiation of availability determination in March 2012

Questions

