

Lower Mekong Initiative (LMI)

Integrating River Planning for Energy and Environment Technical Workshop

(June 10-14, 2019)
Tennessee, USA

Workshop Wrap-up

ORNL is managed by UT-Battelle
for the US Department of Energy

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US-Based Tools/Models/Analysis

- Hydrological models and analysis, including climate change analysis
- River Forecast Center
- System Operations Center & Hydropower Dispatch Control Center
- RiverWare: river and hydropower scheduling software
- Fish monitoring assessment
- River health data collection/monitoring
- Water quality modeling
- Water quality mitigation techniques
- Hydropower Performance Calculator (HPC): Hydropower turbine dispatch optimization
- Waterview: water management & hydropower system optimization
- Copperleaf C55: asset planning and management
- Army Corps of Engineers: hydrological/hydraulic models, CWMS/RTS
- USGS data collection, storing, monitoring, communication
- Tennessee Department of Environment and Conservation state-level water quality regulatory agency
- *Others*

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Post-Workshop Survey

- (10min) Individually score each tool/model/analysis (1-5 scale)
 - 1 - Not needed
 - 2 - Low priority
 - 3 - Neutral
 - 4 - Useful
 - 5 - Must have
- (30min) In Small Groups – discuss individual scores and come up with a collective Top 3 (or Top 5)
 - What is the benefit (or added value) from the tool/model/analysis?
 - How can you implement them? And how can the US help?
- (30min) Round Table Discussion

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Thank You!



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Thank You!



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