



Annual Training

April 2 – 5, 2019

Sarasota, Florida

Lido Beach Resort

700 Ben Franklin Drive

Conference rates are \$164 main building, \$184 deluxe kitchenettes (main building), \$317 junior suite south tower (April 1 – 4). Reservations may be made by calling Brenda at 405 516 4972 bshort@gwpc.org). **Reservation deadline is February 15.**

Tuesday April 2, 2019 8th Floor South Tower		
8:00 – 9:00	Breakfast – Provided	
9:00 – 12:00	<p>Introductions: Paul Jehn, Mike Paque, Dan Yates RBDMS Steering Committee</p> <p>Meeting goals and national RBDMS priorities for 2019 Overview of RBDMS projects and technology</p> <p>Future of .net installs: Dave Lowther</p> <ol style="list-style-type: none"> Wyoming: Integrating RBDMS 3.0, Field Inspection, Data Explorer/miner, and eform Alabama Phase 2 Update: Integrating RBDMS 3.0 and .net Arkansas Phase 2 Update: Integrating .net, eform and field inspection Generic Web based data editing – simple data editing interface integrated with data explorer/miner 	<p>RBDMS Project meetings with State, contractor and GWPC project managers. Side meetings scheduled through the training event:</p>

	<p>RBDMS 3.0: Ja’Nien Montank OnCore</p> <ol style="list-style-type: none"> 1. Future of 3.0 2. Why 3.0 3. Using Docker for offline RBDMS 3.0 4. North Dakota 3.0 5. Idaho 3.0 integration with .net 6. Reducing the cost of 3.0 7. Combining 3.0 with .net 8. Cloud options 9. 3.0 demonstration <p>Ohio RICS System (Marlene Hall, Mark Layne, JMT)</p> <ol style="list-style-type: none"> 1. Current Status 2. Development process review 3. Release 1 Review 4. Global Components and Integration to other systems 5. Future Efforts 6. Demonstration <p>Group discussion – RBDMS going forward</p> <ol style="list-style-type: none"> 1. Common applications and technology sharing 2. Reducing the cost of upgrades and ownership 3. Scalability 4. Ability for states to configure 	
12:00 – 1:30	Lunch	
1:30 – 5:00	<p>State Roundtable</p> <ul style="list-style-type: none"> - State 5 year goals for State RBDMS installations: presentation by each state on their 5 year goals <p>Forms</p> <ol style="list-style-type: none"> 1. Overview of Forms Technology; <ul style="list-style-type: none"> -Online Forms, permitting and reporting - Electronic data deliverable -Business to government 2. Introduction to 3.0 Forms <p>Discussion: Implementing Forms</p> <ol style="list-style-type: none"> 1. Why is form development expensive <ul style="list-style-type: none"> -form layout, validations, workflow, database update, notification 2. Training states to develop forms 	Project side meetings
5:30 – 8:00	Networking South Tower Room TBD	

Wednesday April 3, 2019			
8:00 – 9:00	Breakfast – Provided		
9:00 – 12:00	<p>Hands on training: Laterals and 3D visualization, use in AOR: Dan Jarvis, Jim Milne, Scott Bland</p> <p>Presentation of Application</p> <ol style="list-style-type: none"> 1. Overview of Process 2. EDD 3. Upload Application 4. Workflow Considerations <ol style="list-style-type: none"> a. Automated error trapping b. Agency Review against official PDF version of directional survey c. Display on Map for approval by agency staff d. Display in 3D for specific projects e. Public viewing and downloads 5. Legacy Directional Data <ol style="list-style-type: none"> a. Map display of legacy wells that require processing b. Methods to get legacy directional surveys into the system <p>Utah Demonstration of Directional Application</p> <ol style="list-style-type: none"> a. Presentation of Work to Date b. How it was installed on State Servers <p>Hands-On Training of Directional Application</p> <ol style="list-style-type: none"> a. Review EDD vs Official PDF of Survey b. Upload Survey using portable upload application c. View results in SQL-Server d. Viewing on Map and 3D <p>Questions and Discussion</p>		
	RBDMS Project side meetings		
12:00 – 1:30	Lunch		
1:30 – 5:00	<p>3.0 Forms Training Curriculum: phase 1</p> <p>Online Forms - Design, build, test</p> <ul style="list-style-type: none"> • Design form • Create form data definition • Build form components • Test form • Form troubleshooting <p>Online Forms - Validation</p> <ul style="list-style-type: none"> • Simple validation 	Steering Committee Meeting	RBDMS Project side meetings

	<ul style="list-style-type: none"> • Rule based validation 		
5:30 – 8:00	Networking South Tower Room - TBD		
Thursday April 4, 2019			
8:00 – 9:00	Breakfast Provided		
9:00 – 12:00	<p>The updated field inspection module: Dan Jarvis, Thom Kerr</p> <ul style="list-style-type: none"> • Overview of the New Field Inspection application <ul style="list-style-type: none"> ○ dynamic forms • Walk through the configuration of master services - Installation into the states, • Discussion on setup, Wyoming test case: Dave Lowther- <ul style="list-style-type: none"> ○ Walk through installation process – Wyoming test case Dave Lowther ○ Beta testing in Wyoming <p>Inspectors tools</p> <ul style="list-style-type: none"> ○ Functions needed; having local database on computer, requirements ○ Data miner and components needed, etc. ○ IIS installation, Geo server and each states' RBDMS installation ○ GSO options: ESRI, QGIS, open source, other <ul style="list-style-type: none"> • An initial demonstration to the entire group followed by hands on use of the Field Inspection application - • Launching the app <ul style="list-style-type: none"> ▪ Conduct a number of inspections using the provided use case documents. These documents will be sent out prior to the training along with a link to the Field Inspection 		RBDMS Project side meetings

	<p style="text-align: center;">Application.</p> <ul style="list-style-type: none"> • Points of integration back to RBDMS • Discussion of needed updates and suggestions 		
12:00 – 1:30	Lunch		
1:30 – 5:00	<p>Field Inspection Priority GIS Analysis - Presentation</p> <p>The Field Inspection Priority GIS Analysis Project was initiated by GWPC in October 2018. The purpose of the project was to develop a GIS process for determining priorities based on locations of oil/gas wells and facilities with respect to geographically sensitive areas as defined by each State (e.g. proximity to population, depth to groundwater, etc.). Results of the analysis could then be transferred to the RBDMS database for scoring and reporting. Topics to be discussed include:</p> <ul style="list-style-type: none"> • Methods and GIS tools for identifying geographically sensitive areas; • Automation using Python Scripts and Geoprocessing Models; • RBDMS SQL-Server framework for storing GIS results; • Scoring models to be implemented in the SQL-Server database; and • Output as map layers and/or reports • Demonstration using real data from Utah <p>Wellfinder - status -proposed upgrade</p> <p>Data miner/Data explorer -demonstrations</p> <p>RBDMS Project side meetings</p>	<p>3.0 Forms Training Curriculum: continued Online Forms - Validation</p> <ul style="list-style-type: none"> • Query based validation • Service based validation <p>Online Forms - EDD</p> <ul style="list-style-type: none"> • EDD data definition • EDD file template • EDD submission & processing 	

Evening Networking South Tower Room TBA 5:30 – 8:00			
Friday April 5 , 2019			
8:00 – 9:00	Breakfast Provided		
9:00 – 12:00	<p>GWPC RBDMS Management: Dan Yates/Mike Paque</p> <p>RBDMS 5 year strategic plan</p> <p>Updated GitHub/Sharepoint/Sharefile: Jessica Kane, Line 45</p> <ol style="list-style-type: none"> 1. How to use Sharepoint, GitHub and ShareFile 2. RBDMS policies for uploading documents/code 3. Training in of the new document sharing <p>Use of Slack to enhance communication and document sharing</p>		