

SECOND ANNUAL CONFERENCE ON CARBON SEQUESTRATION
DEVELOPING & VALIDATING THE TECHNOLOGY BASE TO REDUCE CARBON INTENSITY

5-E
MMV - TERRESTRIAL

Chair: John Litynski, NETL

- 4:00 - 4:20 *Carbon Quantification of Diverse Landscapes Using Multi-spectral 3D Digital Aerial Imagery: Complex Pine Savanna in Belize as a Case Study* -*Sandra Brown (Winrock International), Matt Delaney, Dana Slymaker
- 4:20 - 4:40 *The Climate Action Project Research Initiative* -*William G. Stanley (The Nature Conservancy)
- 4:40 - 5:00 *Total Carbon Measurement from Intact Soil Cores with Laser-induced Breakdown Spectroscopy (LIBS)* -*David D. Breshears (LANL), Michael H. Ebinger, David A. Cremers, Clifton W. Meyer, Kelly L. Gorrard, Pat J. Unkefer
- 5:00 - 5:20 *Microbial Communities, Carbon, and Nitrogen in Mine Soils Reclaimed with Fly Ash and Biosolids Amendments* -*Anthony V. Palumbo (ORNL), L. Suzanne Fisher, Jana R. Tarver, W. Lee Daniels, Zamin Yang, Sonia M. Tiquia, Liyou Wu, Jizhong Zhou, Jim Amonette
- 5:20 - 5:40 *Microbial Signatures of Soil Carbon Sequestration* -*Pat Unkefer (LANL), Christopher Kitts, Michael Ebinger, David Breshears and David Cremers

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