

# Water Quality Nutrients, Contaminants and Sustainable Sediment Management



**MODERATOR: WENDY SOTERA, HSA ENGINEER & SCIENTISTS**

**8:10 AM ZHONGLONG ZHANG , PHD, USACE -ERDC**

**DEVELOPMENT OF SWAT MODELS TO QUANTIFY SEDIMENT AND NUTRIENT LOSSES FROM MISSOURI RIVER AND UPPER MISSISSIPPI RIVER BASINS**

**8:30 AM JOHN BRAKEBILL, U.S. GEOLOGICAL SURVEY**

**SUPPORTING CHESAPEAKE BAY RESTORATION BY MODELING NUTRIENT AND SEDIMENT SOURCES AND TRANSPORT**

**8:50 AM WILLIAM OREM , U.S. GEOLOGICAL SURVEY**

**SULFATE AS A CONTAMINANT IN FRESHWATER ECOSYSTEMS – SOURCES, IMPACTS AND MITIGATION**

**9:10 AM NICK ALBERGO, P.E., DEE HSA ENGINEERS & SCIENTISTS**

**LATEX RECOVERY AND PROCESS WATER TREATMENT, LIBERIA, WEST AFRICA**