



GMDA Winter Conference January 23-26, 2023 St. Simons, Island, Georgia



MONDAY, JANUARY 23, 2023

5:30 P.M. TO 7:00 P.M.

OPENING RECEPTION

TUESDAY, JANUARY 24, 2023

7:30 A.M. TO 8:30 A.M.

BREAKFAST

8:30 A.M. TO 9:00 A.M.

OPENING REMARKS/LOGISTICS

STEVE WALTHOUR, NORTH PLAINS GROUNDWATER CONSERVATION DISTRICT

DANIEL SHANNON, YAZOO MISSISSIPPI DELTA JOINT WATER MANAGEMENT DISTRICT

9:00 A.M. TO 11:30 A.M.

U.S.G.S. ADVANCES IN GROUNDWATER MODELING

INTEGRATING DATABASES FOR 3-DIMENSIONAL HYDROSTRATIGRAPHIC FRAMEWORKS:
A CASE STUDY OF THE MISSISSIPPI EMBAYMENT – RENEE REICHENBACHER, U.S. GEOLOGICAL
SURVEY

ADVANCES IN GROUNDWATER MODELING OF THE MISSISSIPPI ALLUVIAL PLAIN- LESLIE
DUNCAN, U.S. GEOLOGICAL SURVEY

WATER BUDGET ANALYSIS OF THE MISSISSIPPI ALLUVIAL PLAIN UTILIZING THE USGS
SOIL-WATER-BALANCE MODEL – BRYAN HENRY, U.S. GEOLOGICAL SURVEY

11:30 A.M. TO 12:30 P.M.

LUNCH

12:30 P.M. TO 2:30 P.M.

GROUNDWATER MANAGEMENT IN THE STATES

GROUNDWATER MANAGEMENT AND ITS CHALLENGES IN FLORIDA – CLAY COARSEY, ST. JOHNS RIVER WATER MANAGEMENT DISTRICT

GROUNDWATER MANAGEMENT AND ITS CHALLENGES IN SOUTH CAROLINA – LEIGH ANNE MONROE, SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

GROUNDWATER MANAGEMENT IN THE SOUTHEASTERN UNITED STATES: AN OVERVIEW – DON CHRISTY, YAZOO MISSISSIPPI DELTA JOINT WATER MANAGEMENT DISTRICT

2:30 P.M. TO 3:00 P.M.

BREAK

3:00 P.M. TO 5:00 P.M.

GROUNDWATER INNOVATIONS

MANAGED AQUIFER RECHARGE UTILIZING RIVERBANK FILTRATION AND GROUNDWATER TRANSFER AND INJECTION IN THE MRVAA - ANDREW O'REILLY, USDA-AGRICULTURAL RESEARCH SERVICE

GOVERNMENT AND ACADEMIA COLLABORATE FOR A SUCCESSFUL OUTCOME - WILL PLUER, ELON UNIVERSITY

WEDNESDAY, JANUARY 25, 2023

7:30 A.M. TO 8:30 A.M.

BREAKFAST

8:30 A.M. TO 11:30 A.M.

LEGAL AND POLICY CONSIDERATIONS

EQUITABLE APPORTIONMENT & ALLOCATION OF INTERSTATE GROUNDWATER - BEN GRIFFITH, YAZOO MISSISSIPPI DELTA JOINT WATER MANAGEMENT DISTRICT,

RESOLVING CONFLICTS INVOLVING WATER RESOURCES IN THE EASTERN UNITED STATES - DON CHRISTY, YAZOO MISSISSIPPI DELTA JOINT WATER MANAGEMENT DISTRICT

11:30 A.M. TO 1:00 P.M.

LUNCH (STATE CAUCUS DISCUSSIONS)

2:30 P.M. TO 3:00 P.M. **BREAK**

3:00 P.M. TO 5:00 P.M. **AGRICULTURAL WATER MANAGEMENT**

GEORGIA'S WATER RESOURCES AND UNIVERSITY OF GEORGIA'S AG WATER IRRIGATION
RESEARCH AND EXTENSION PROGRAMMING - JUSTIN MALLARD, UGA EXTENSION

GMDA BOARD MEETING

THURSDAY, JANUARY 26, 2023

7:30 A.M. TO 8:30 A.M. **BREAKFAST**

8:30 A.M. TO 11:30 A.M. **GMDA ADMINISTRATIVE**

GMDA BOARD REPORT

NWRA REPORT - DILLON KUEHN, NATIONAL WATER RESOURCES ASSOCIATION

10:00 TO 10:30 A.M. **BREAK**

10:30 TO 11:30 A.M.

PAST AND FUTURE CLIMATE OF THE UNITED STATES: WHAT TO EXPECT WHEN
PLANNING FOR FUTURE GROUNDWATER USE - PAM KNOX, UNIVERSITY OF GEORGIA

11:30 A.M. TO 11:45 A.M. **CLOSING**