

AGRICULTURAL WATER USE UPDATE

Middle Ocmulgee Regional Water Planning
Council

April 13, 2021

Mark Masters
Albany State University
Georgia Water Planning & Policy Center

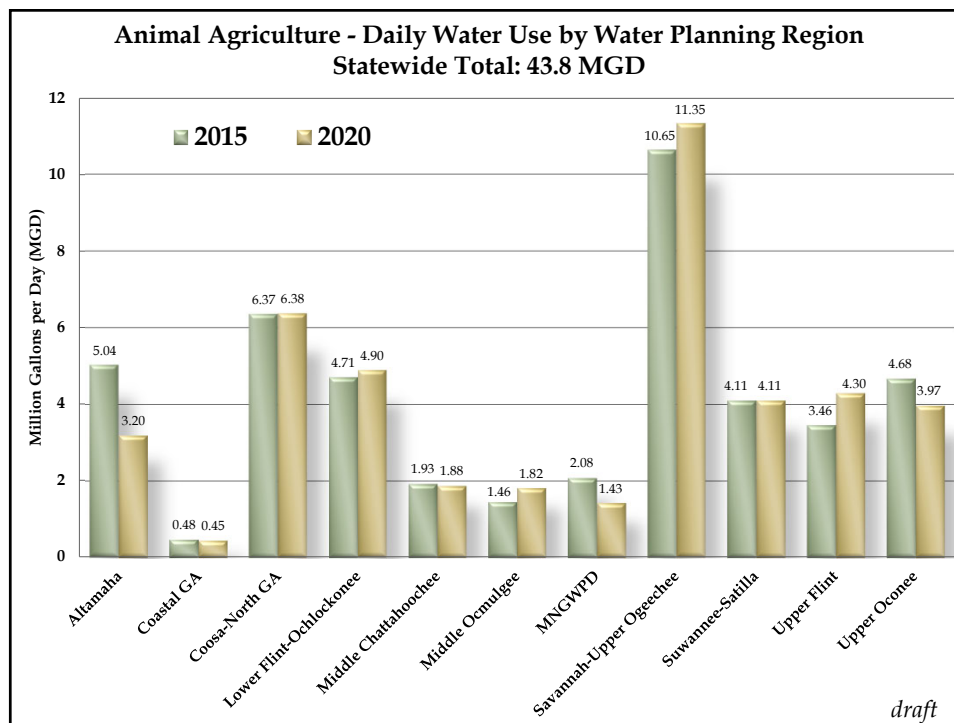
Project Team

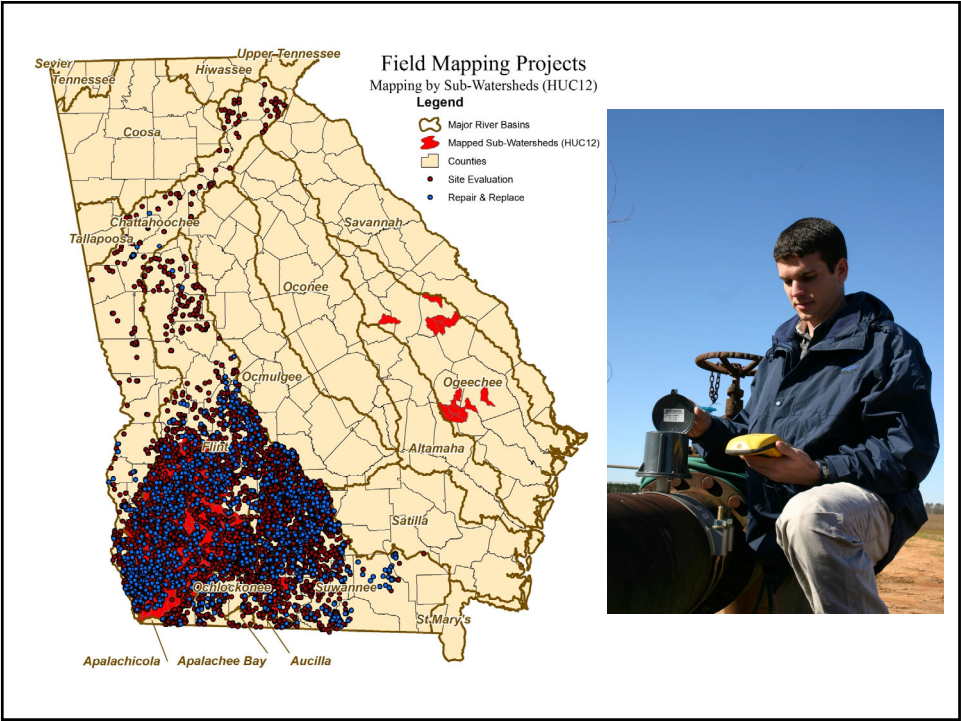
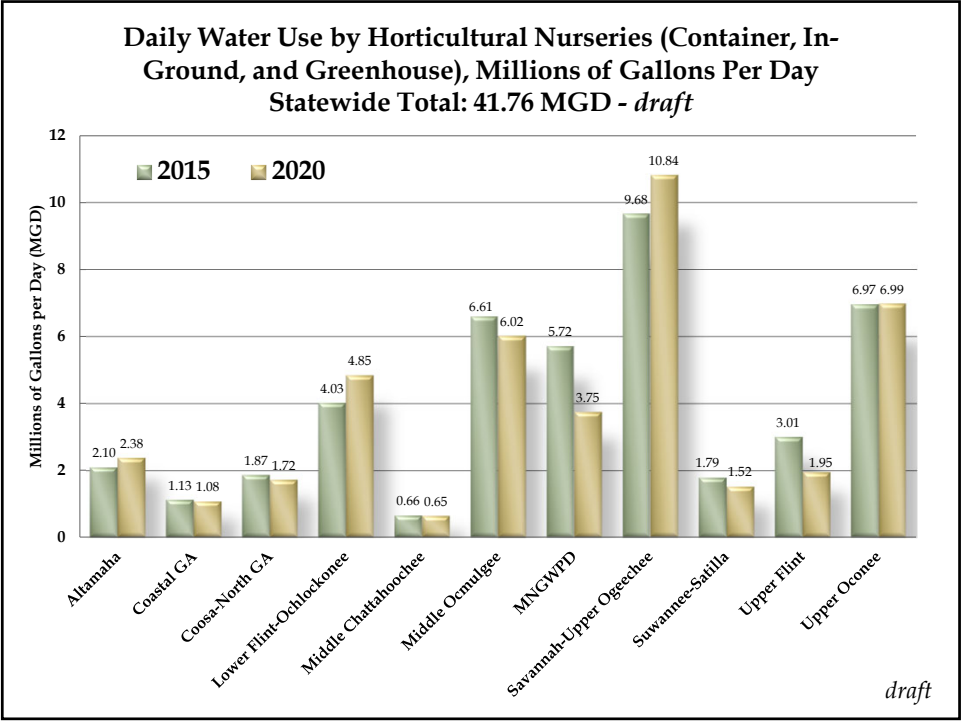
- ▣ Albany State University – Georgia Water Planning and Policy Center (Lead)
- ▣ University of Georgia Agricultural and Applied Economics

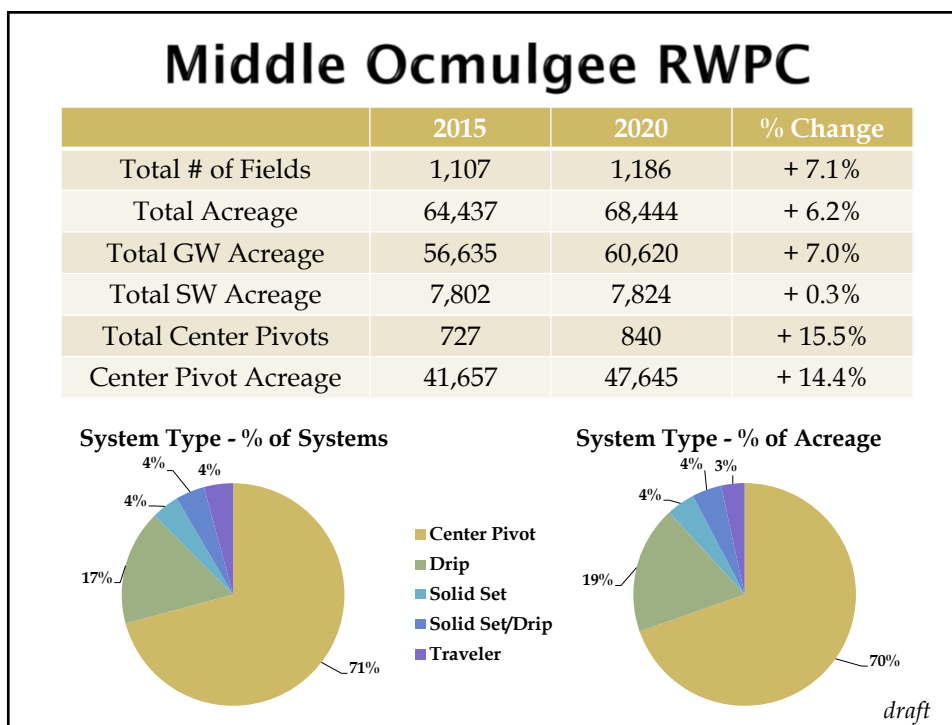
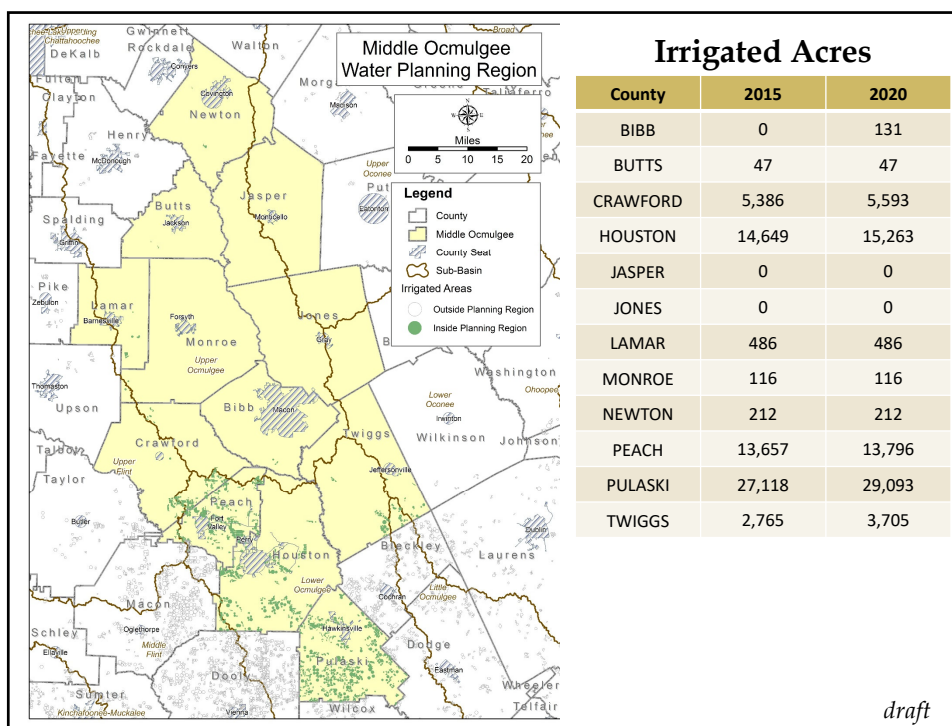


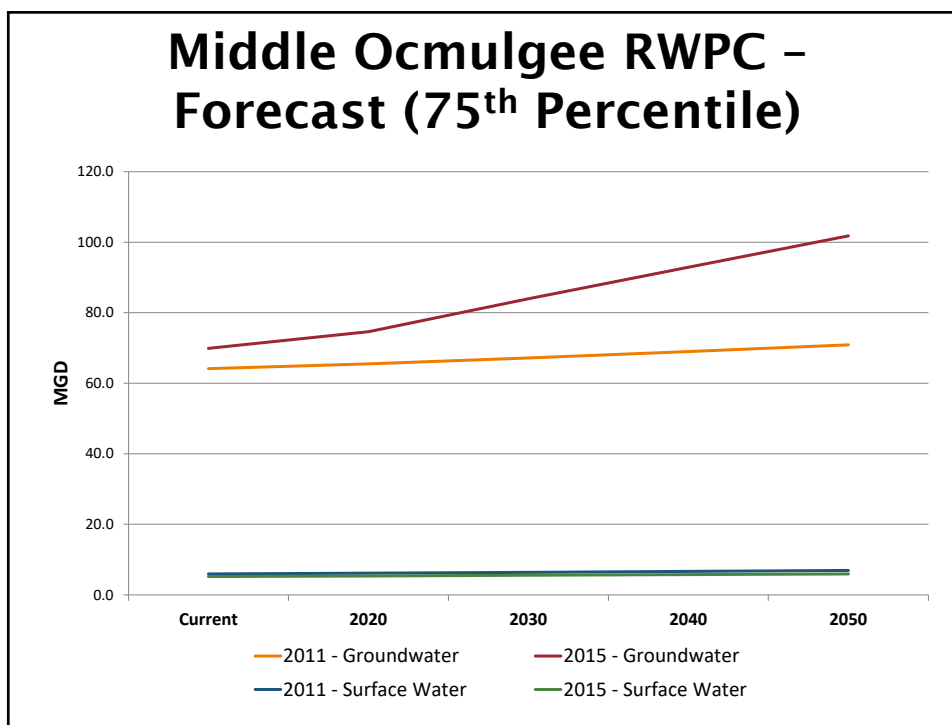
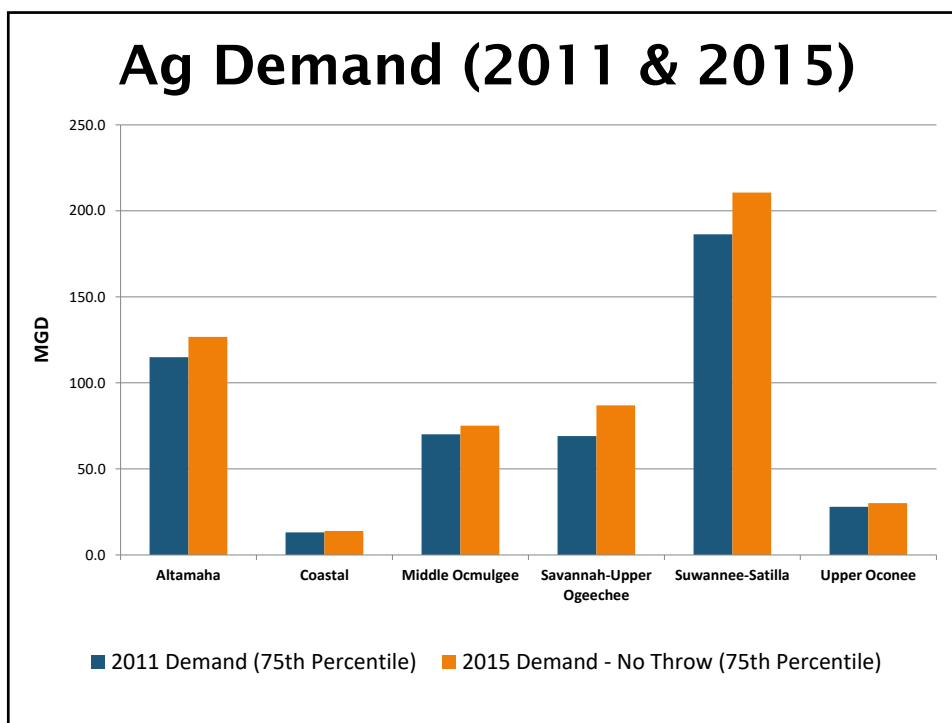
2020-21 Agricultural Water Demand Forecasts - Methods

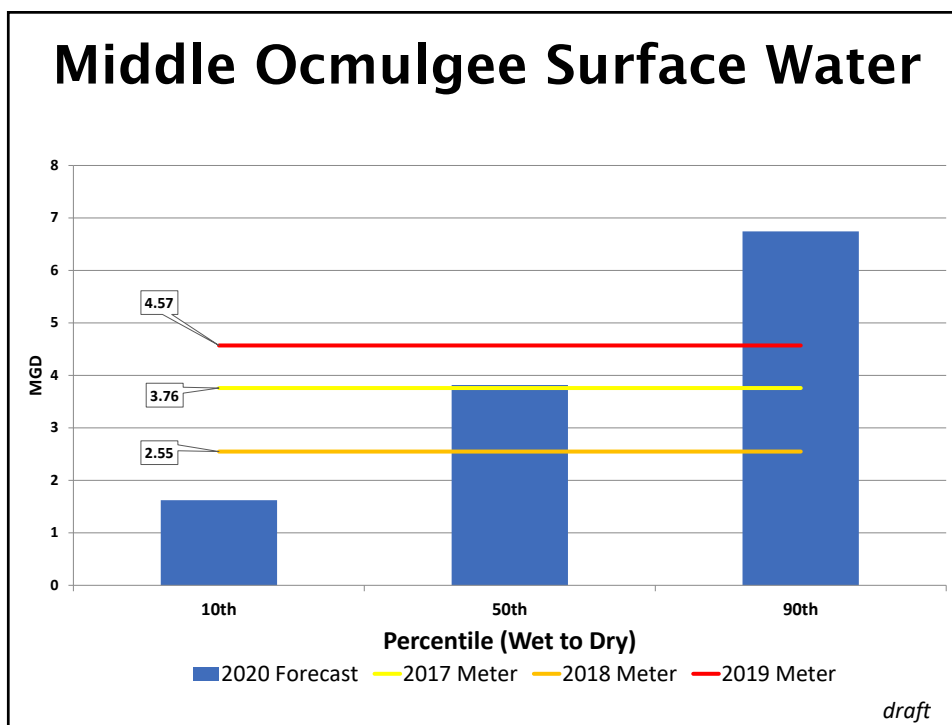
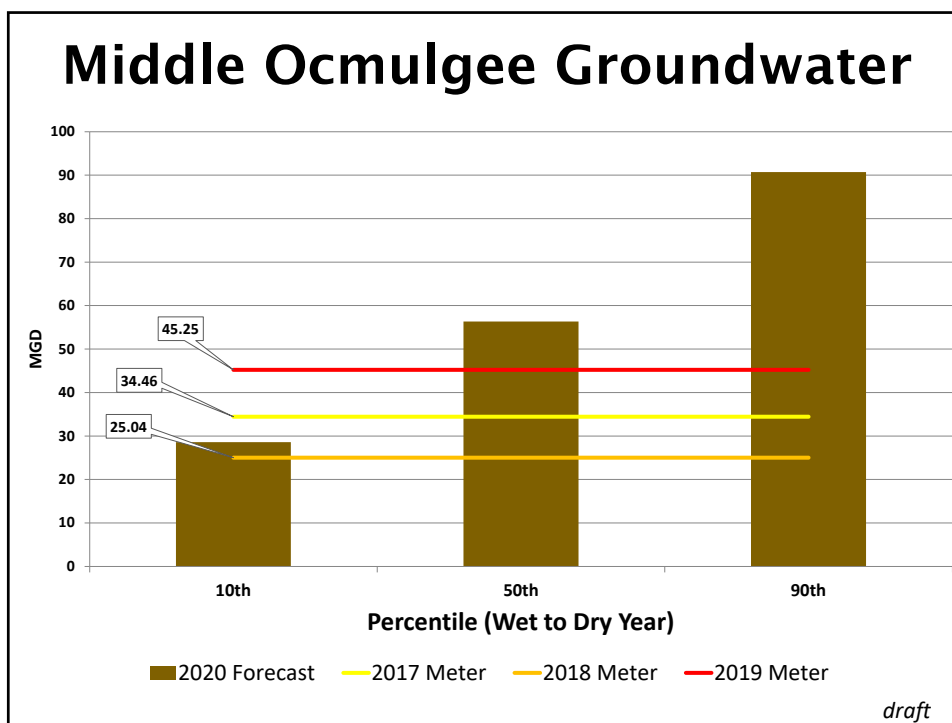
- ▣ **Acreage - Updated 2020 wetted acreage data**
 - Field observation and aerial survey
- ▣ **Crop projections through 2060 - modeled based on multiple data sources:**
 - Remote sensing and field data
 - USDA Projections, Southeast Model, Georgia Model, Data Trends
- ▣ **Crop water needs - wet, normal, dry years**
 - Expanded use of meter data
 - Review estimates used in 2015-2016 and revise if needed
 - Presented by basin, county, planning node, aquifer, etc....
- ▣ **Animal Ag/Nursery**

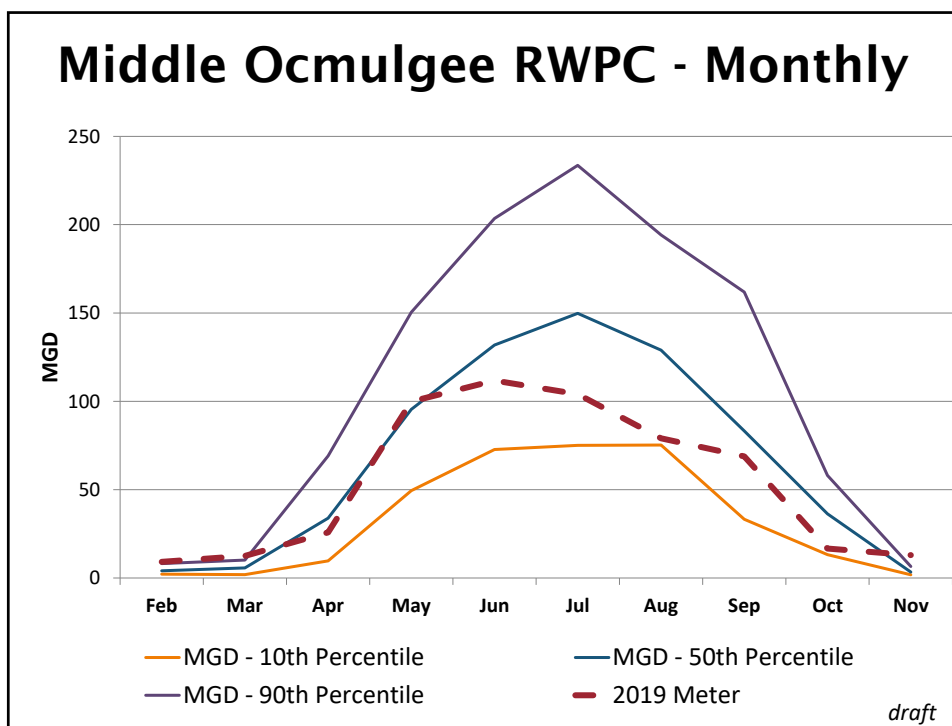












Questions & Discussion

