

LRGV Irrigation Management Modernization Challenges and Opportunities

Rio Farms
July 16, 2019

This program will discuss opportunities, tools, technologies, and challenges to modernizing irrigation in the Lower Rio Grande Valley. Relevant work from around the world will be discussed, local action taken, and ongoing efforts to demonstrate practices will be highlighted. Salinity management will also be discussed as salt concentrations in the river continue to rise and are a growing concern. Lastly, legislative updates and funding opportunities will be discussed.

- 7:30 Registration and coffee
- 8:00 Welcome and Introductions – Lucas Gregory, Texas Water Resources Institute
- 8:15 Modernizing Australian Irrigation Systems: Opportunities for the RGV
Darren McGregor, North America General Manager, Rubicon Water
- 9:00 Impacts of Water Management Automation in the Harlingen District
Al Blair, Axiom Blair Engineering
- 9:30 Benefits of Delta Lake District Converting Smaller Concrete Canals to Pipelines
Isaac Huacuja, Sigler Winston Greenwood Engineering
- 10:00 Coffee break
- 10:20 Practices to Reduce Impact of Saline Irrigation Water
Girisha Ganjegunte, Texas A&M AgriLife Research, El Paso
- 11:00 Moving Toward More Efficient Furrow Irrigation
Lucas Gregory, Texas Water Resources Institute
Matt Klostermann, Rio Farms Inc.
- 11:15 Rio Farms Cotton Irrigation Demo Project Tour
- 12:15 Lunch Sponsored by Texas Regional Bank
- 1:00 Texas Legislative Update
Mr. Wayne Halbert
- 1:30 Financing Irrigation District Improvements
Director Brooke Paup, Texas Water Development Board
Mr. Sonny Vela, Natural Resources Conservation Service
- 2:15 Adjourn