**Eastern North Carolina**

**Agricultural Water Management Workshop**

**Vernon G. James**

**Research & Extension Center**

**Feb. 24, 2017**

**8:30-9:00am - Vender Set-Up in Lobby**

**9:00am - Welcome**

**9:05am - Design Criteria for Drainage, Controlled Drainage, and Sub-Irrigation Systems in NC -**

Chad Poole, Ph.D., PE, Research Scholar, USDA NIFA Fellow, Department of Biological and Agricultural Engineering, North Carolina State University

**9:30am** - **Management of Controlled Drainage and Sub-Irrigation Systems for Optimal Crop Production** - Robert Evans, Ph.D., PE, Professor, Department of Biological and Agricultural Engineering, North Carolina State University

**9:55am - Break and Vender Showcase in Lobby**

**10:15am - Yield and Water Quality Benefits of Drainage Water Management and Drainage System Design Research in NC -** Chad Poole, Ph.D., PE, Research Scholar, USDA NIFA Fellow, Department of Biological and Agricultural Engineering, North Carolina State University

**10:45am - Irrigation System Options and Management Decision Criteria –** Gary Grabow, Ph.D., PE, Professor, Department of Biological and Agricultural Engineering, North Carolina State University

**11:15am - Break and Vender Showcase**

**11:35am - Alternatives to Traditional Drainage Water Management** - Michael Burchell II, Ph.D., Associate Professor and Extension Leader, Department of Biological and Agricultural Engineering, North Carolina State University.

**12:00-12:45pm Lunch**

**12:45pm - Software and Demonstrations for Computerized Design and Implementation of Surface and Subsurface Drainage Systems -** John Downey – Water Management Channel Manager, Trimble, Dayton, Ohio

**1:15pm - Hardware, Equipment Technology, Field Set-Up and Machine Optimization for Installing**

 **Surface and Subsurface Drainage Systems -** John Downey – Water Management Channel

 Manager, Trimble, Dayton, Ohio

**1:45pm - Drone Technology and Potential Uses in Water Management Systems** - Bobby Vick, Ph.D.,

 Director of Business Development, PrecisionHawk

**2:15pm - Questions and Answer Session/Vender Showcase**

**2:30pm - Adjourn - Talk with Venders**

**Call Beaufort County Extension Office (252-946-0111) to RSVP by Tuesday, February 21!**