

SmartPath -- Grower-directed convergence of nanotechnology and smart decision analytics for irrigation water quality management related to pathogens

Fall 2021 Annual Lightning Talks: Exploring Recent Collaborative Grant Projects in the Libraries

Date: November 9, 2021, 10am – 12 pm – Zoom

Project Co-PI: Plato Smith, Data Management Librarian

SmartPath Project



- **UFIRST PRO00015273**
- USDA-NIFA
- 8/1/2018 – 7/31/2023
- \$4,867,722
- Grant no. 2018-67016-27578
 - University of Florida
 - Texas A&M University
 - University of Maryland – Eastern Shore
 - Iowa State University
 - University of Wisconsin-Madison
 - USDA –Agri. Research Svc.

SmartPath Groups – Fall 2021



- Briefed new UF PI on data management
- Introduced data management plan (i.e. FAIR, metadata) to SmartPath scientists groups:
 - **Sensor development**
 - **Sensor testing**
 - **Economic analysis and surveys**
 - **Water treatment development**
- Develop a Data Audit Framework (DAF) survey
- Develop data repository

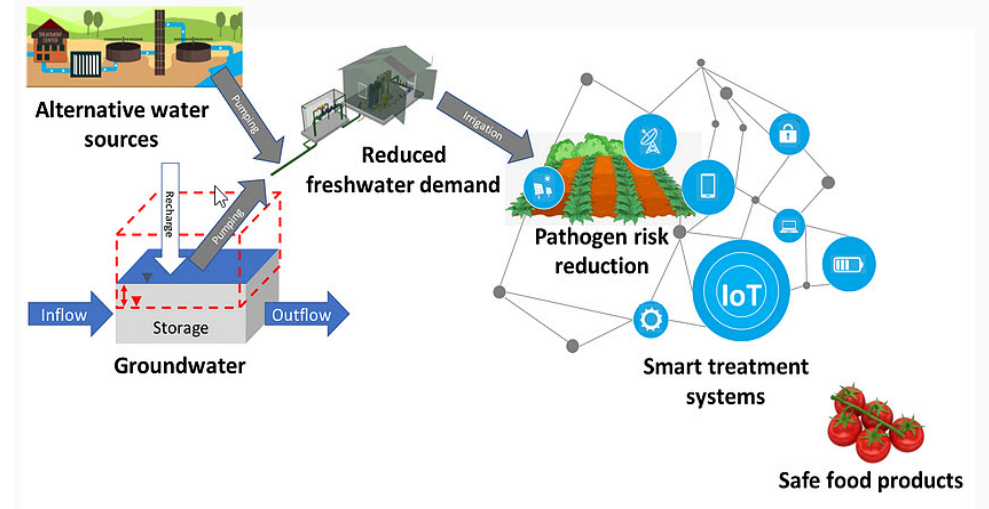


Figure 1: SmartPath proposed concept map -
<https://emclamor.wixsite.com/smartpathcoe>