**Florida Smart Agriculture Initiative**
**2025 Work Plan**

**Mission Statement:** *The Florida Smart Agriculture (FLSA) initiative will accelerate and scale the implementation and delivery of climate smart agriculture solutions and ecosystem services that benefit the producers (farmers, ranchers and foresters), the public and the planet.*

## FLSA Work Streams

**1.1 Encourage, equip and deploy Florida farmers** as they innovate, test and experiment with circular biological systems (CBS) and practices that deliver ecosystem services to achieve quality livelihoods, improve food and nutrition security, protect/enhance soil-water resources, mitigate climate impacts and enhance the biodiversity of natural systems. FLSA will produce a report that spotlights Florida producers who are experimenting with and learning from their adoption of circular systems and practices that deliver high value ecosystem services.

**1.2 Facilitate and support partnerships and coalitions** that will advocate for CBS enabling policies, programs, investments, partnerships and markets to deliver ecosystem services in support of SDG attainment. Build and mobilize a CBS alliance in collaboration with agriculture, forestry and conservation organizations to advocate for enabling policies, programs, investments and markets with state policy makers and government officials.

**1.3 Quantify and Value Agroecosystem Services** using Artificial Intelligence. Through this workstream, FLSA leaders, UF/IFAS and UF College of Engineering researchers and students will co-design systems and tools to measure and quantify the delivery of agroecosystem services. Data collection work in 2025 will focus on water quality and quantity indicators.

**1.4 Develop attributes of an effective payment for ecosystems service program**. The only way for a payment for ecosystem services (PES) programs to be successful is if they work for farmers, ranchers and foresters. With this imperative in mind, FLSA leaders will discuss and define what it would take for them to participate.

**1.5 Facilitate agricultural and other sectoral organizations cross boundary engagement and assist in developing and sharing land and water protection response strategies** at the state and potentially regional or county levels, including coordination of agency and policy maker engagement.

FLSA is co-sponsored by Solutions from the Land (SfL), a national non-profit that promotes farmer-inspired solutions to global challenges, in partnership with the University of Florida's Institute of Food and Agricultural Sciences (UF/IFAS).