



## OPTIONAL Field Trip | Wednesday, June 8, 2022

*This activity is offered on a first-come, first-served, basis. Register early to ensure admission. Advance registration and in person attendance are required.*

[www.conference.ifas.ufl.edu/GGAA](http://www.conference.ifas.ufl.edu/GGAA)

### **Archbold Biological Station & Buck Island Ranch, Lake Placid, FL [Limit: 90] (\$50 USD)**

7:00 AM	Morning Refreshments [Conference Center Lobby]
7:30 AM	Trip 1 Buses Depart Hotel
10:00 AM – 3:00 PM	Presentations, demonstrations, and a swamp buggy tour by Archbold Scientists
12:00 PM – 1:00 PM	Break for Lunch and a Group Photo
2:30 PM – 3:00 PM	Farewell and Board Buses for Return to Hotel
6:00 PM	Arrive at host hotel

In pursuit of sustainable food production, the U.S. Department of Agriculture (USDA) launched the Long-Term Agroecosystem (LTAR) network, comprised of 18 locations across the contiguous US. These sites work together to address national and local agricultural priorities and advance the sustainable intensification of U.S. agriculture. The **Archbold Biological Station/University of Florida** is one of these sites and is used to develop and assess sustainable agricultural production systems that integrate environmental and socio-economic needs from local, regional, to national scales.

Co-located at this site is **Buck Island Ranch**, a 10,500 acre cattle ranch among the top-20 commercial cow-calf producers in Florida. Its herd is ~3,000 Brahman-cross cows bred to 150 Angus or Charolais bulls. Over 2,300 calves are raised annually and subsist mainly on grass in the summer but are supplemented with feed in the winter and free choice mineral year-round.



**During the Tour:** Archbold scientists will give presentations and demonstrations sharing their latest research on ecosystem and cattle GHG emissions and measurements, including supplemental feed and enzymes research. We'll board a Swamp Buggy and tour several sites on the ranch where ecosystem GHG monitoring is being conducted. We will also get to see a typical Florida beef cow/calf production system in operation.

#### **Tour Requirements:**

The weather will be hot and humid, and we will be outdoors. Wear cool, lightweight clothing and comfortable shoes. A hat and/or sunscreen is advised. Bottled water and lunch will be provided.

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**NOTE: This trip is subject to change, depending on potential COVID-19 restrictions in effect at that time. If the field trip is canceled, registrants will receive a full refund or be given an option to switch to another activity.**