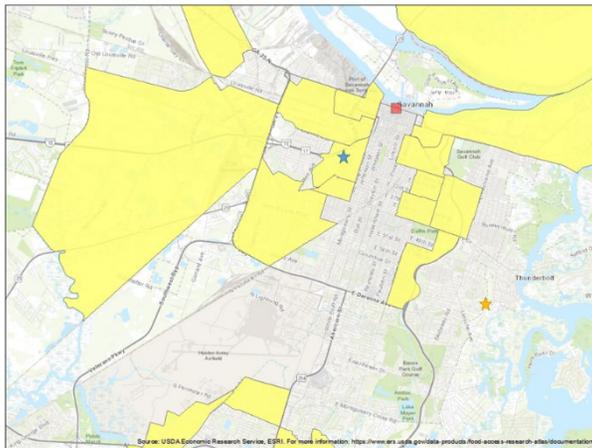


Savannah's Urban Food Deserts

Savannah, GA is no stranger to food deserts. The map below indicates areas that indicate food desert likelihood for residents including low-income census tract where more than 100 housing units do not have a vehicle and are more than ½ mile from the nearest supermarket (USDA). It is estimated that just over 50,000 people live in the area indicated and could be affected to some degree by limited access to healthy food. The National Institute of Health reports that there is significant overlap between food desert areas and areas with higher rates of obesity and chronic diet-related diseases. Attend the upcoming seminars to find out more about how aquaponics farming can help solve this growing problem.



★ Gadsden Elementary

★ Savannah State

This project is supported by the National Institute of Food and Agriculture, U.S. Department of Agriculture, under award number 2018-38640-28417 through the Southern Sustainable Agriculture Research and Education program under subaward number SUB00002031 to **Savannah State University**

General Information Contact:

Dr. Philip Omunga

omungap@savannahstate.edu

Dr. Sue Ebanks

ebankss@savannahstate.edu

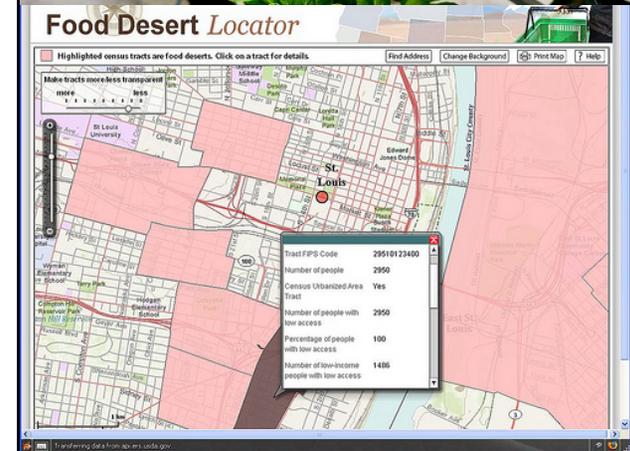
K12 Integration Contact:

Dr. Victoria Young

youngv@savannahstate.edu



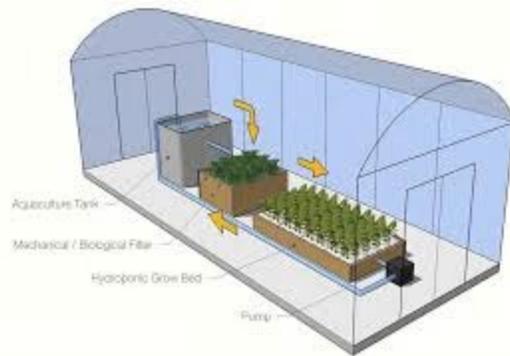
Can Urban Aquaponic Agriculture Fill the Unmet Needs of Food Deserts in Cities?



Food Deserts: Areas with limited access to affordable and healthy food

– USDA Economic Research Service
<https://www.ers.usda.gov/data-products/food-access-research-atlas/documentation/>

How does Urban Aquaponic Agriculture work?

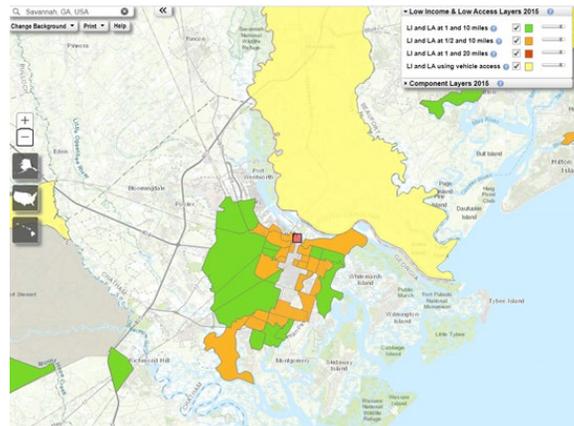


Urban – The system is in or very near a high population area, generally with few large areas available for growing food or raising livestock.

Aquaponic – A combination of Aquaculture, the farming of fish or other aquatic, and hydroponics, growing fruits and vegetables in water without traditional soil media. Aquaponic systems are often, but not always housed in a greenhouse.

Agriculture – Growing grains, fruits, and vegetables and/or raising livestock for direct consumption by human populations, meeting raw material needs, or feeding livestock meant for human consumption.

Do you live in an Urban Food Desert?



Are you interested in urban aquaponic agriculture?

- Already a producer?
- A Consumer?
- A City Administrator?
- Just want to learn more.



Seminar Series, 2021

1. Modern Aquaponics Production (Apr)
2. The Urban Agriculture Movement (Apr)
3. Aquaponics and Urban Food Deserts (May)
4. The Science of Aquaponics (May)
5. The Urban Farm Business (May/June)
6. Urban Land Availability, Access, and Security (June)

Details

- Seminars hosted by Savannah State University on Campus and Virtually
- Guest Speakers to include local and regional experts.

Project Partners and Collaborators:

- Georgia Southern University – SARC
- City of Savannah
- SCCPSS - Gadsden Elementary
- Billy's Botanicals
- Savannah Hydroponics and Organics