

Education associated with the On-Site Waste Treatment industry at the University of Georgia

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Disclaimer

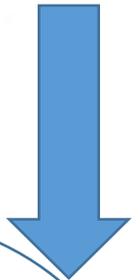
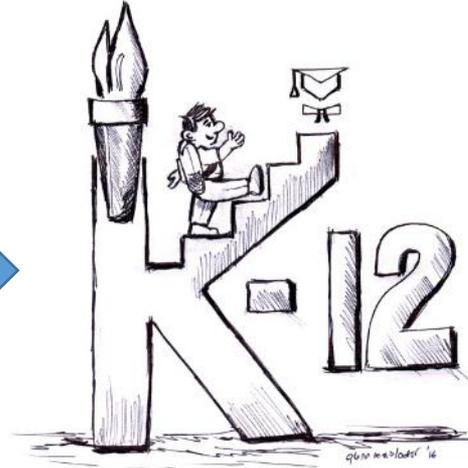
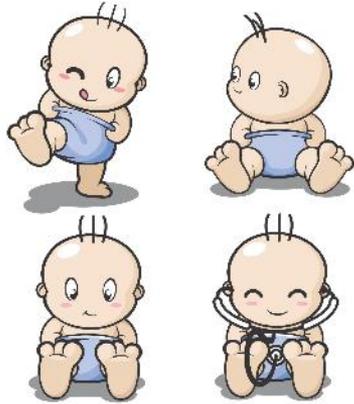


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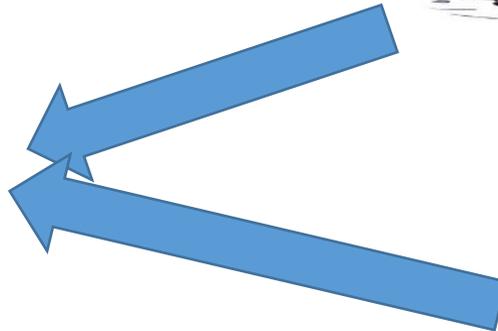
Outline

- Education idea
- Field Days
- Event Presentations
- School based education
- Extension outreach
- Conclusion

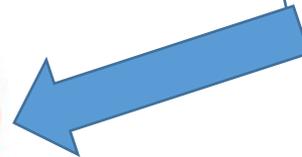
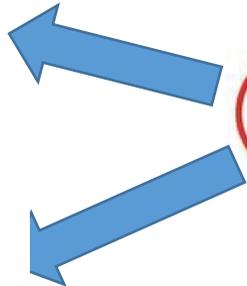
Education



Profession



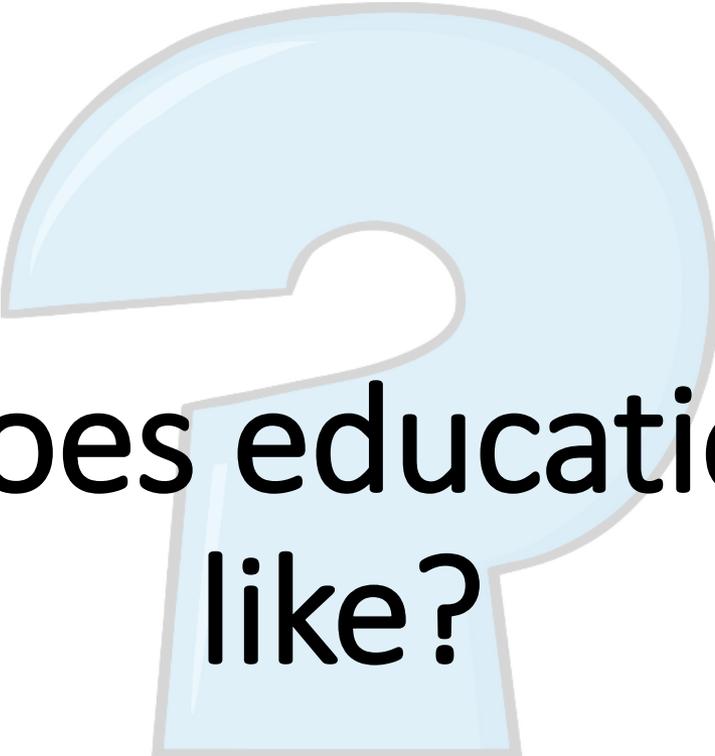
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**UNIVERSITY OF
GEORGIA**

College of Agricultural &
Environmental Sciences

Department of Crop and Soil Sciences



What does education look like?



Field Days

- Working with groups like:
 - Georgia Onsite Wastewater Association (GOWA)
 - American Society of Agricultural and Biological Engineers (ASABE)
 - Soil and Water Conservation Society (SWCS)
 - Soil Science Society of Georgia (SSSGA)



Field Day Location – Griffin, GA



(1) Pre-cast Septic Tanks

(2) ATU Basics

(3) EZ Flow & Chamber Installation Requirements and Septic Stack

(4) Geotextile Sand Filter

(5) 811 – Damage Prevention

(6) Alarm Station

(7) Relating Soil Hydraulic Conductivity to Percolation Rates & How to Measure in the Field

(8) Drain Field Configuration

GA On-Site Field Days



Designed for:

- Installers
- Pumpers
- Designers
- Regulators
- Extension Agents
- Homeowners

Department of Public Health Training



Event Presentations

- Athens Water Festival



Working model
of septic system
and using it for
education



Event Presentations

- Athens Water Festival



Event Presentations

- Athens Water Festival



Event Presentations

- Athens Water Festival



The Education Team

Event Presentations

- 4-H2O Camp



Event Presentations



Making cross-section

Cross Sections of Approved Systems in Georgia

Event Presentations

- Local Community Events
 - County Board Meetings
 - Community Fairs
 - Others you can think of?



School based Events – K-12 schools

- Josie took this into the school as a program



School based Events - University

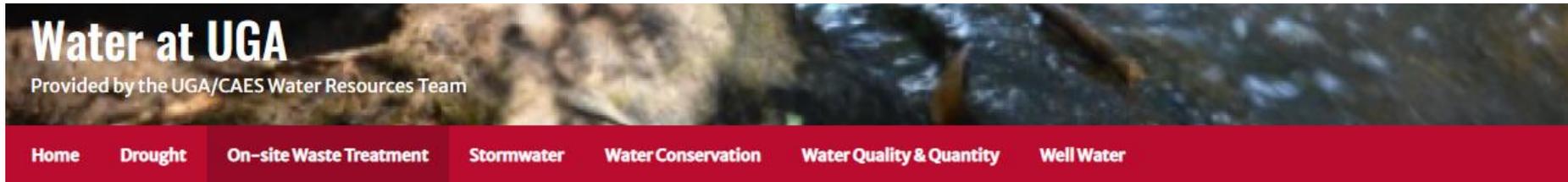
- A freshman Seminar
- 4 weeks of On-Site Wastewater Management



Cupcakes and Lemonade

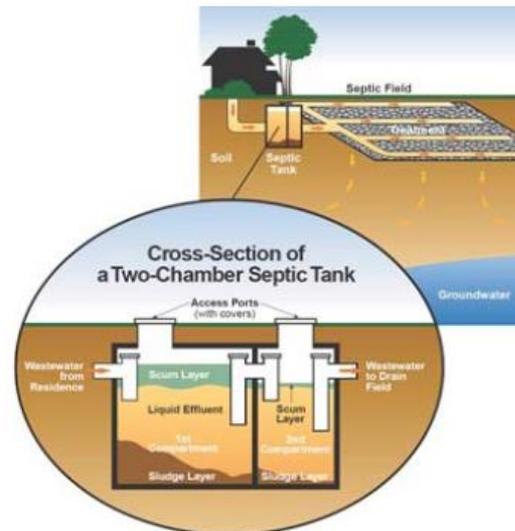
Extension Outreach

- **Website** <https://site.extension.uga.edu/water/on-site-waste-treatment/>



On-site Waste Treatment

On-site waste treatment, or septic system, is the management of household produced wastewater that is flushed or rinsed down the drain. The wastewater produced in many homes is not pumped or gravity transported to a wastewater treatment plant, but rather enters a septic tank on the same property as the home. This site will provide some information about on-site waste treatment and how to take care of the on-site waste treatment (or septic) system. The following image was copied from the Utah State University Extension webpage on Water Quality and shows the major parts of the septic system.



Partners Resources

[Water @ UGA \(UGA Water Faculty\)](#)

- Instruction
- Research
- Classes

[Agricultural & Environmental Services Labs](#)

- [Household Water Quality Publications](#)

GA Department of Public Health

- [Well Water](#)
- [Wastewater Management](#)

[GA Environmental Protection Division](#)

- 2018 Altamaha/Suwanee-Satilla/Coastal Georgia Seed Grant Activities

Posts

- [UGA Water Resources participate in 2021 Athens Water Festival](#) October 4, 2021
- [Keep it Clean! — SepticSmart Week 2021](#) September 26, 2021

Extension Outreach

- Septic Smart Week



Conclusion

- Education starts young
 - For K-12 kids have fun activities with more education mixed in as the age allows
 - For College students relate on-site to what they are learning in school
 - For Professionals provide:
 - Needed training
 - Information on things they need to know outside of On-Site Wastewater (811)
 - Information on new products and everyday products



Thanks and Questions!

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