

OYSTERS: MORE THAN JUST DELICIOUS SEAFOOD

Katie Altman

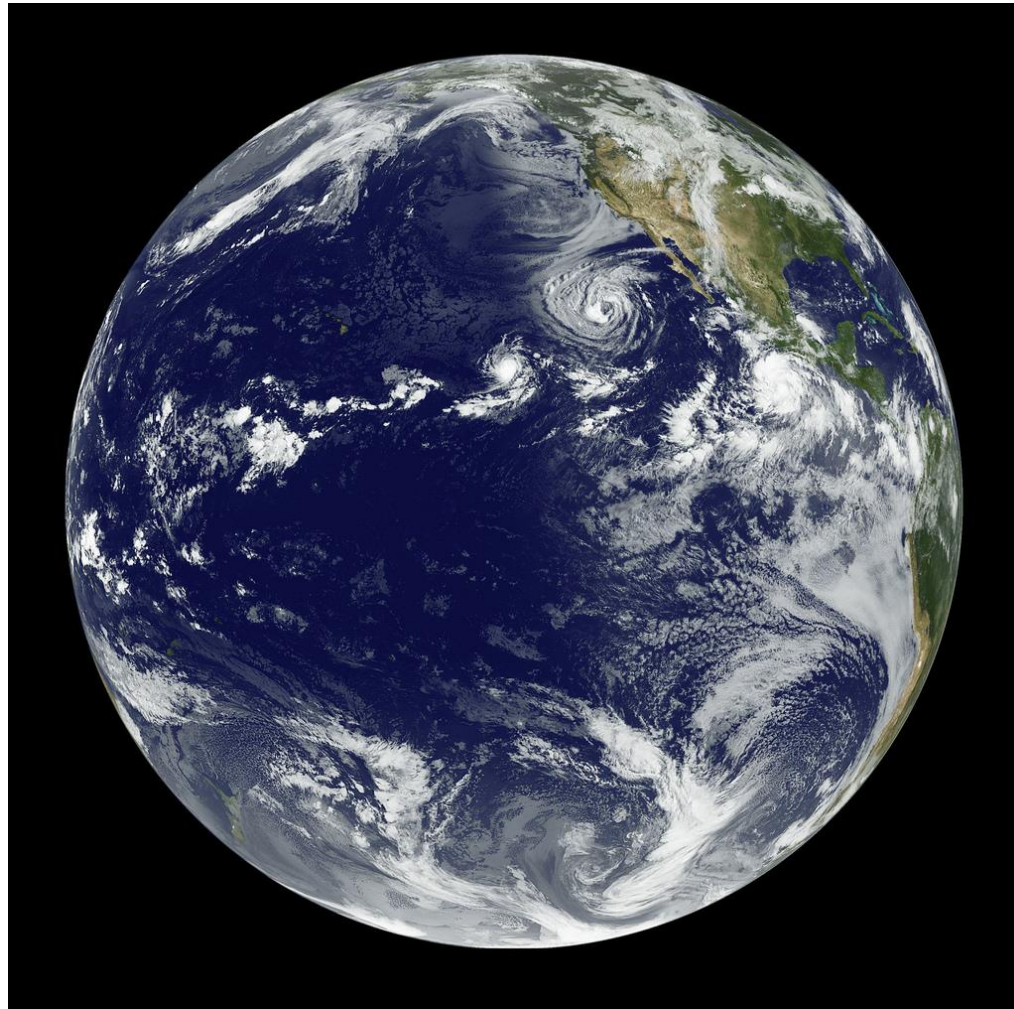
Water Resources Agent

Clemson University Cooperative Extension

What is Clemson Extension?



Water Resources



Where does water pollution come from?

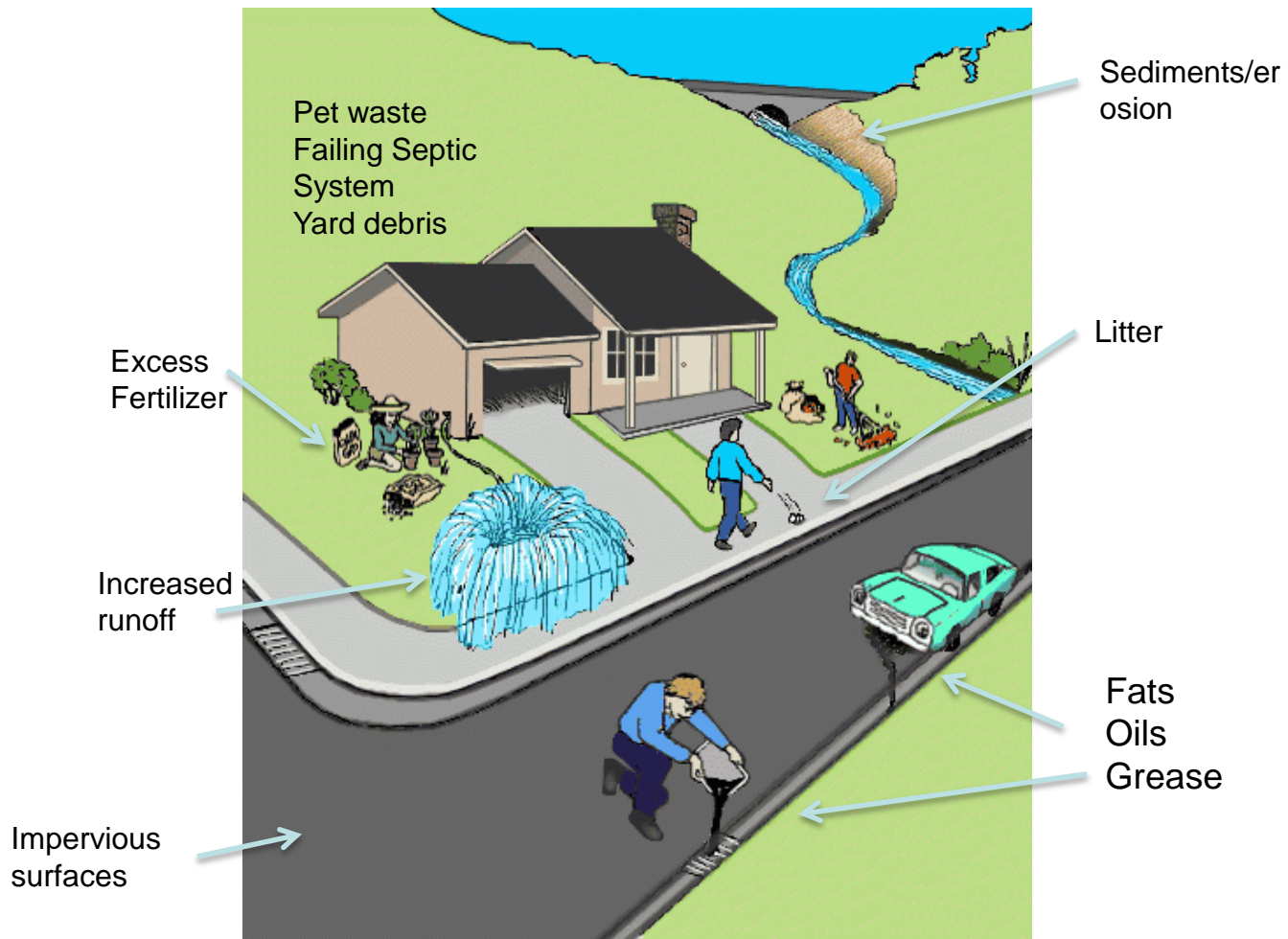
- Point source?
- Clean Water Act
 - 1972



Cuyahoga River Fire
1969



Non-Point Source Pollution



Water quality issues are critically tied to the health of oyster reefs

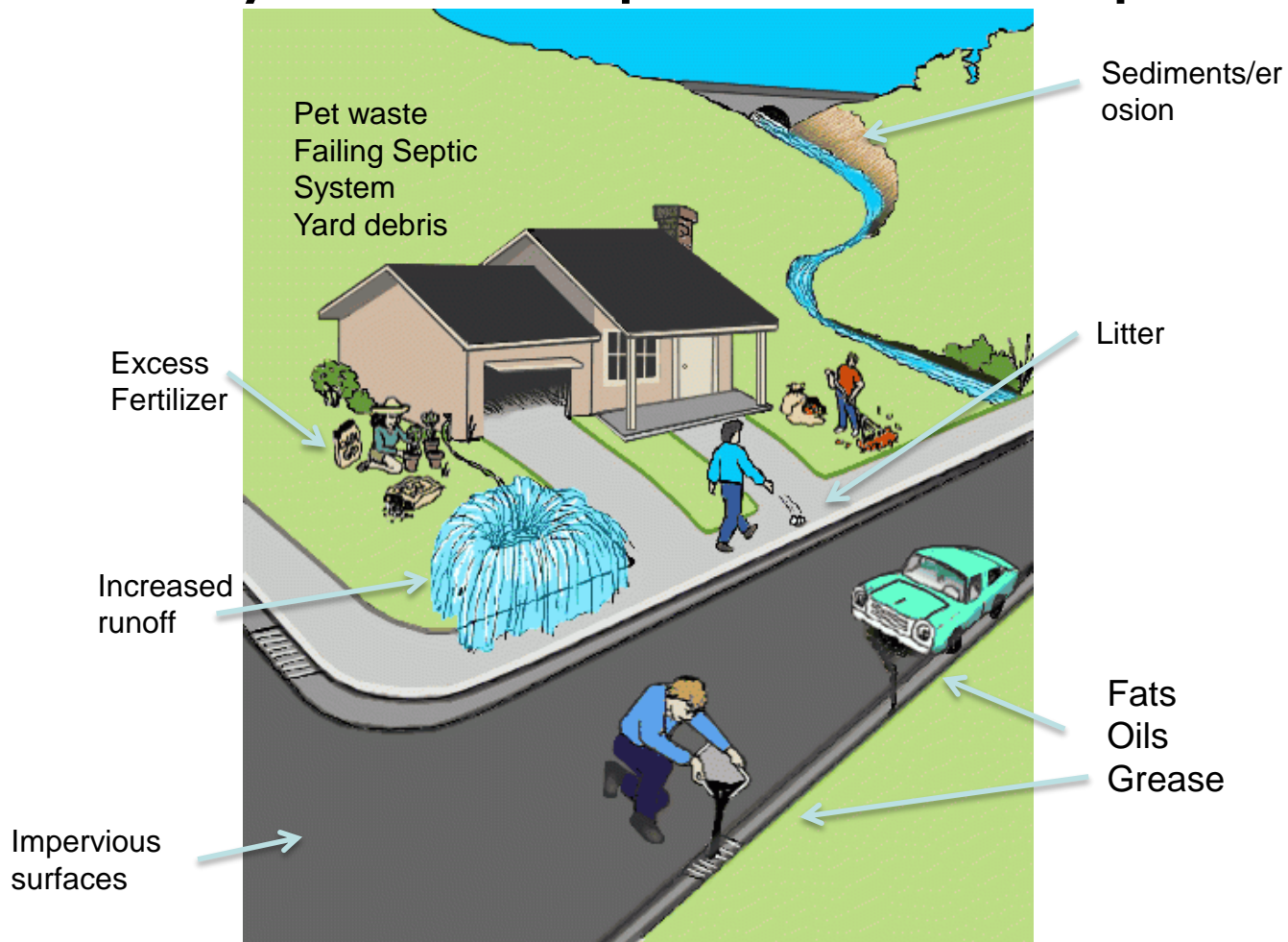


But first, let's get some background on oysters

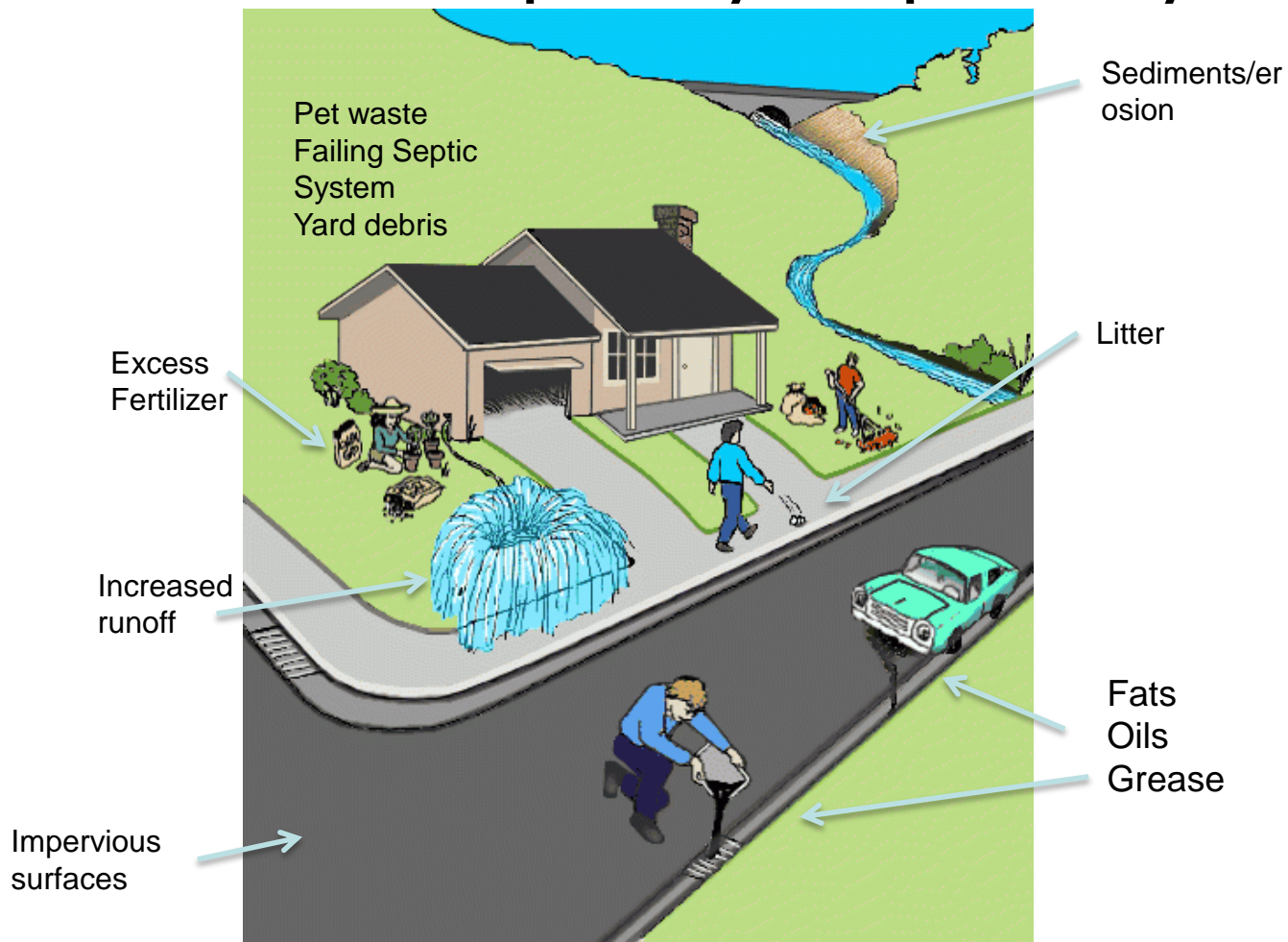
Eastern Oyster *Crassostrea virginica*



How do oysters impact water quality?



How does water quality impact oysters?



How does water quality impact oysters?



Why does it matter? (to the ecosystem)



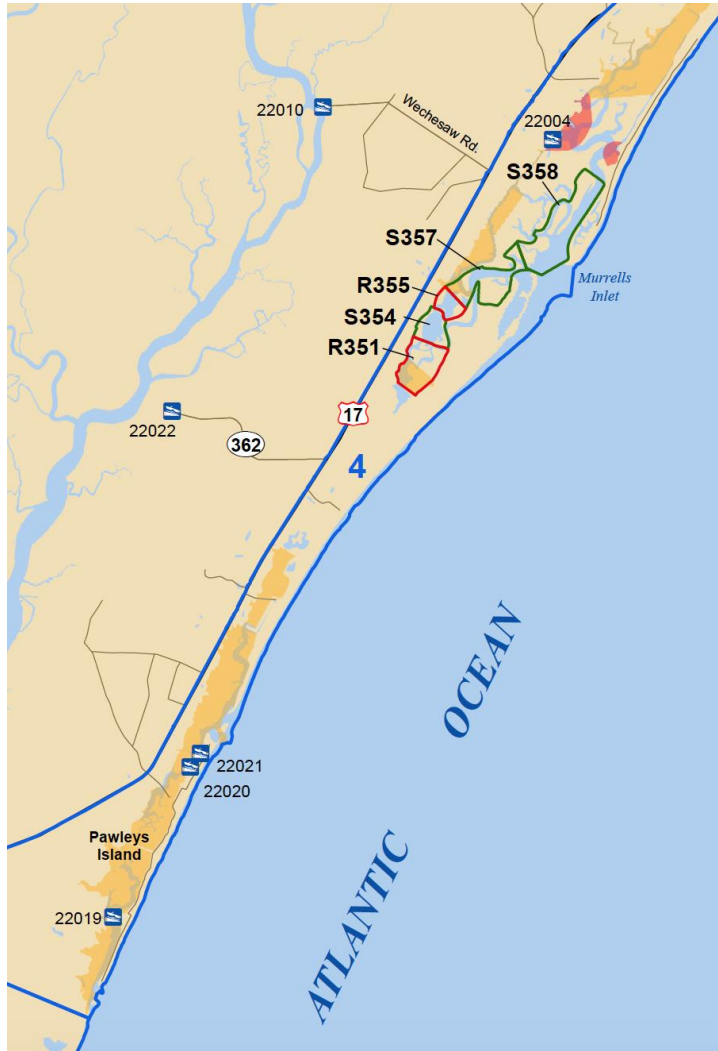
Why does it matter? (to humans)



Why does it matter? (to humans)



How are we doing?



RECREATIONAL SHELLFISH HARVEST

LITTLE RIVER - WINYAH BAY

SOUTH CAROLINA DEPARTMENT
OF NATURAL RESOURCES
OFFICE OF FISHERIES MANAGEMENT

DATA CHANGES FREQUENTLY
NOT FOR NAVIGATION OR SURVEYING PURPOSES

OCTOBER 2018

Map Explanation

SCDNR Information Shellfish Management Areas

- S000** State Shellfish Grounds
- R000** Public Shellfish Ground

SCDHEC Information Shellfish Management Area

- 00** Area Boundary
- Shellfish Harvest Classification**
 - Prohibited
 - Restricted
 - Conditional

GENERAL Information

- Interstate Highway**
- US Highway**
- State Road**
- Boat Landing**

What can we do to help?



**BE PREPARED.
ALWAYS BRING A BAG!**



What can we do to help?



THANK YOU!

Questions?

Learn more at

- clemson.edu/extension
- clemson.edu/waterresources