







Oyster Restoration Efforts: Artificial Reefs

- artificial reefs recycled oyster shells
 volunteers, researchers, governments











• Craig Hardy, Division of Marine Fisheries

Questions:

- 1. where do larvae come from to get to new reefs?
- 2. where do next generation larvae go from new reefs?
- 3. where should the reefs be built?



How to predict where larvae will go

- chase tagged larvae around: difficult
- numerical model: test with observations
- measure currents at a single location
- use drifters



How to see where larvae actually go (but not where they came from)























So, we can predict where something drifting OUGHT to go ... How do we figure out where it REALLY goes?

























Now do it again whatever the weather

























