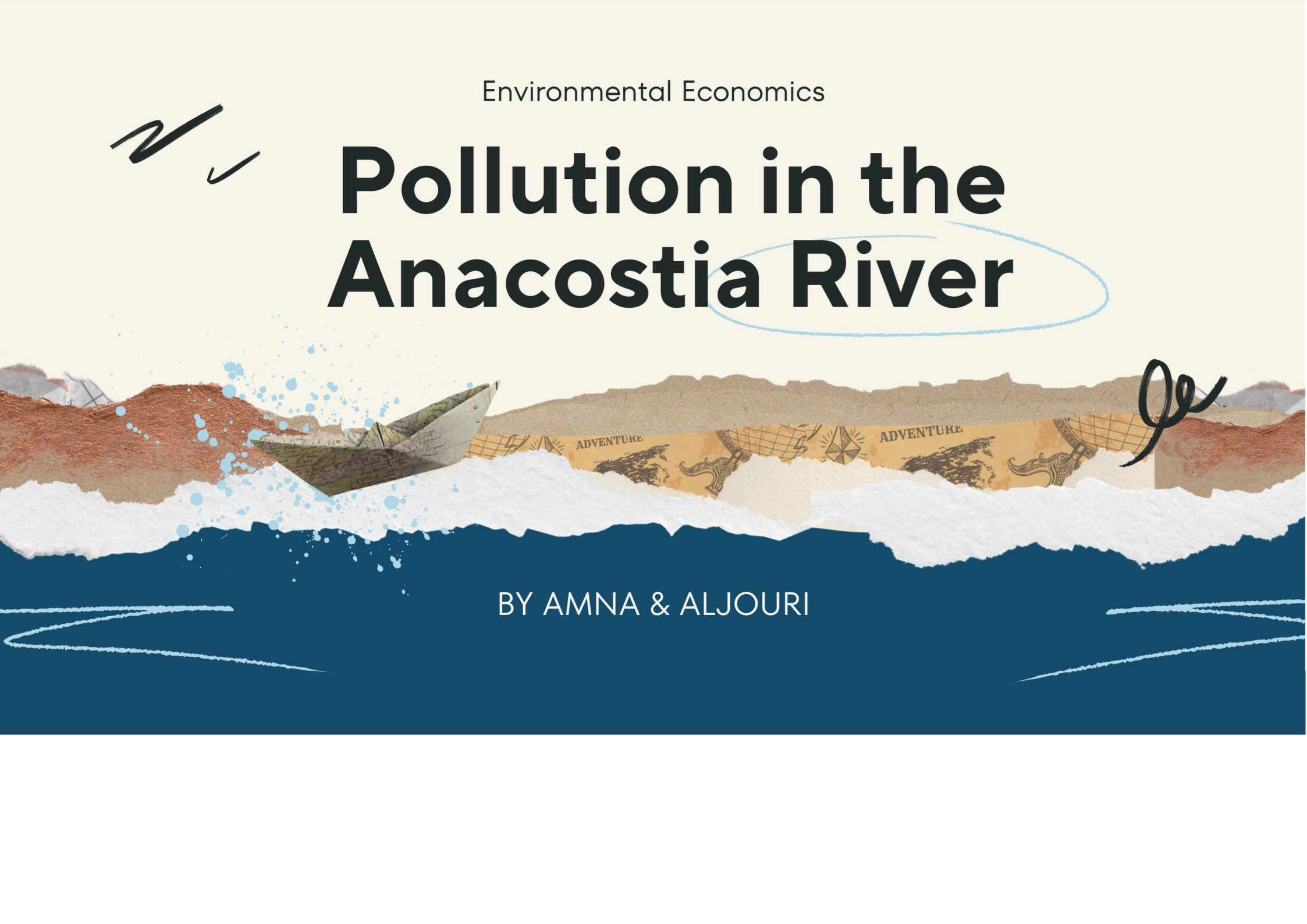


Environmental Economics

Pollution in the Anacostia River

BY AMNA & ALJOURI



Introduction to Washington D.C.

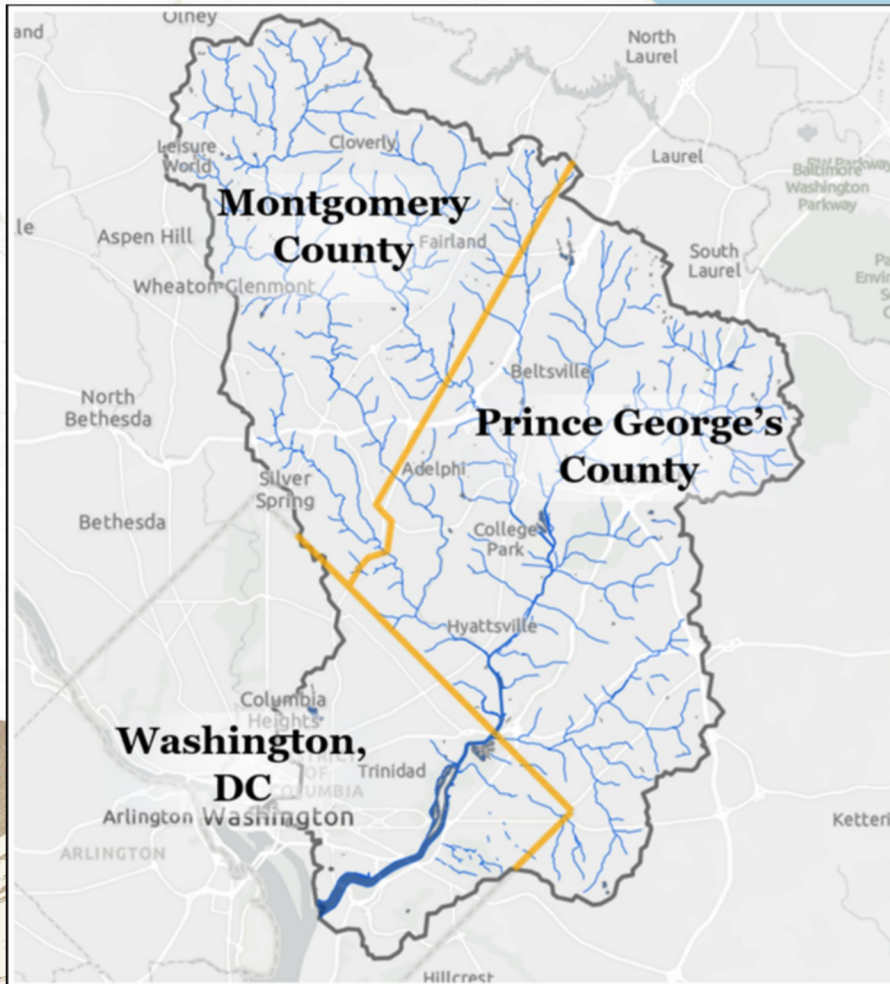


Components of a River System:

- Capital city of the United States
- Population of over 670,000 people
- Highly urbanized environment
- Rivers are important for ecosystems and recreation
- The Anacostia River is one of the city's main waterways



What is the Anacostia River?



- 8.7 mile river flowing through Washington D.C.
- Connects to the Potomac River and Chesapeake Bay
- Historically used for trade and transportation
- Important habitat for fish and wildlife
- Supports recreation and local communities

The Main Environmental Problem

- Water pollution
- Trash and plastic waste
- Sewage contamination
- Toxic chemicals
- Poor water quality





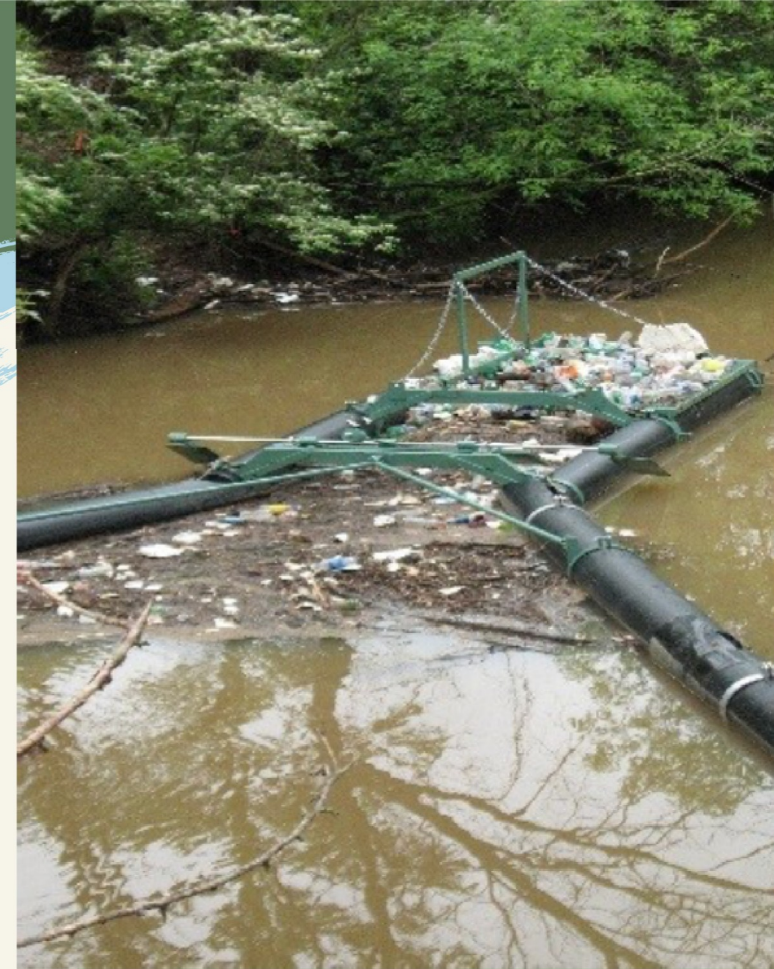
Causes of Pollution

- Stormwater runoff
- Combined sewer overflows
- Industrial waste
- Littering
- Urbanization and population growth



Environmental Impacts

- Harm to fish and aquatic life
- Habitat destruction
- Reduced biodiversity
- Oxygen depletion in water
- Damage to ecosystems



Human & Economic Impacts

- Health risks to communities
- Unsafe recreation areas
- Expensive cleanup projects
- Impact on tourism and local economy
- Environmental inequality



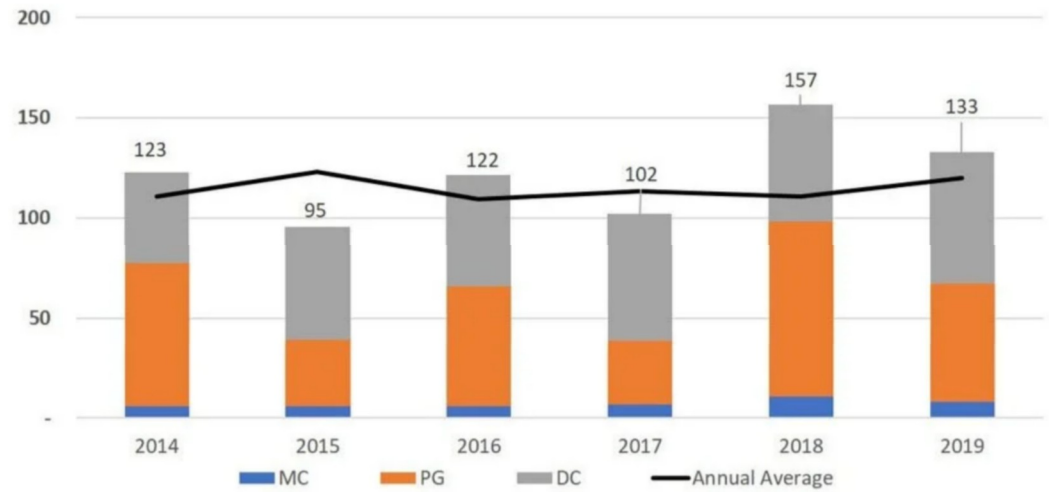
Current Solutions & Cleanup Efforts



- EPA restoration projects
- River cleanup programs
- Trash reduction initiatives
- Green infrastructure projects
- Community volunteer programs

Are These Solutions Working?

- Some improvement in water quality
- Increased public awareness
- Wildlife slowly returning
- Pollution still remains a major issue
- Long term solutions are still needed



Tons of Trash removed from the Anacostia Watershed by year.



Fish Community Health in the Anacostia: Percent of Site Rating

Conclusion/Sources

[United States Environmental Protection Agency: Anacostia River Watershed](#)

[DC Department of Energy and Environment](#)

[Anacostia Watershed Society](#)

[National Park Service: Anacostia Park](#)

[United States Geological Survey](#)

[Enjoy the Anacostia: Improving the Anacostia River](#)

[Enjoy the Anacostia](#)

[Our River: The Anacostia](#)

[DCist: People Swam in the Anacostia River for the First Time in 50 Years](#)

[DC Department of Energy and Environment: Anacostia River](#)

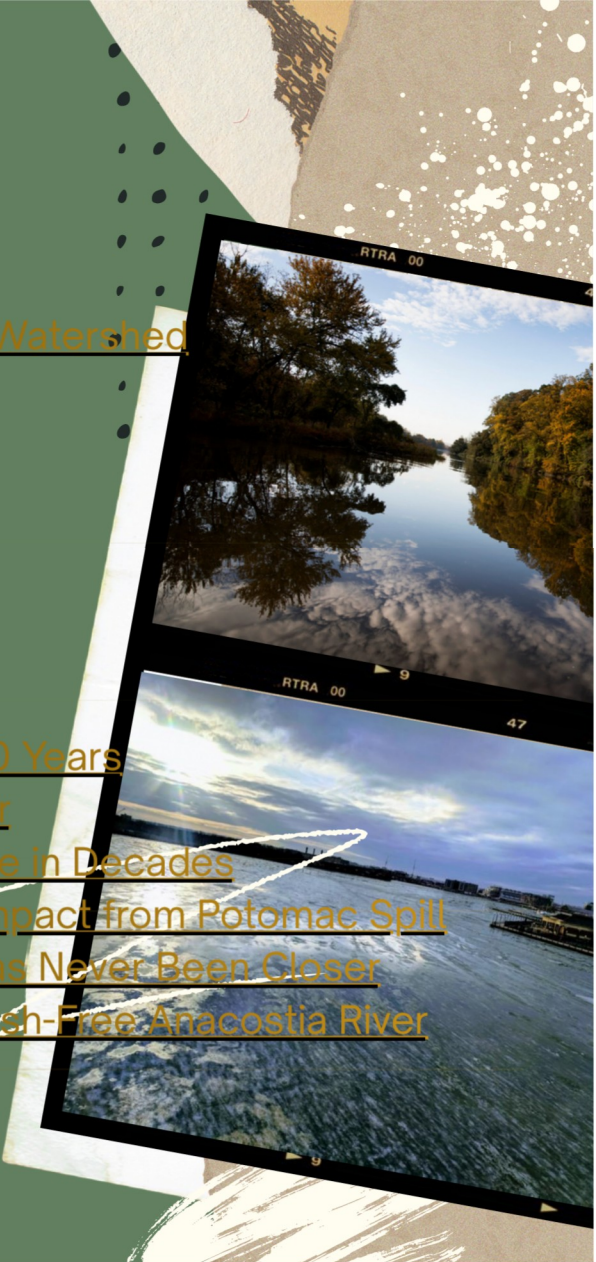
[Hyattsville Wire: Hundreds Swim in the Anacostia River for the First Time in Decades](#)

[Anacostia Park Community Collaborative: Anacostia River Likely to Escape Major Impact from Potomac Spill](#)

[Anacostia Riverkeeper: The Vision of a Fishable, Swimmable Anacostia River Has Never Been Closer](#)

[Chesapeake Bay Program: Trash Traps, Clean Teams and Other Solutions for a Trash-Free Anacostia River](#)

[EPA: Steps Taken to Reduce Trash in the Anacostia River](#)



THANK YOU!

THE END

SIKE

POP QUIZ TIME