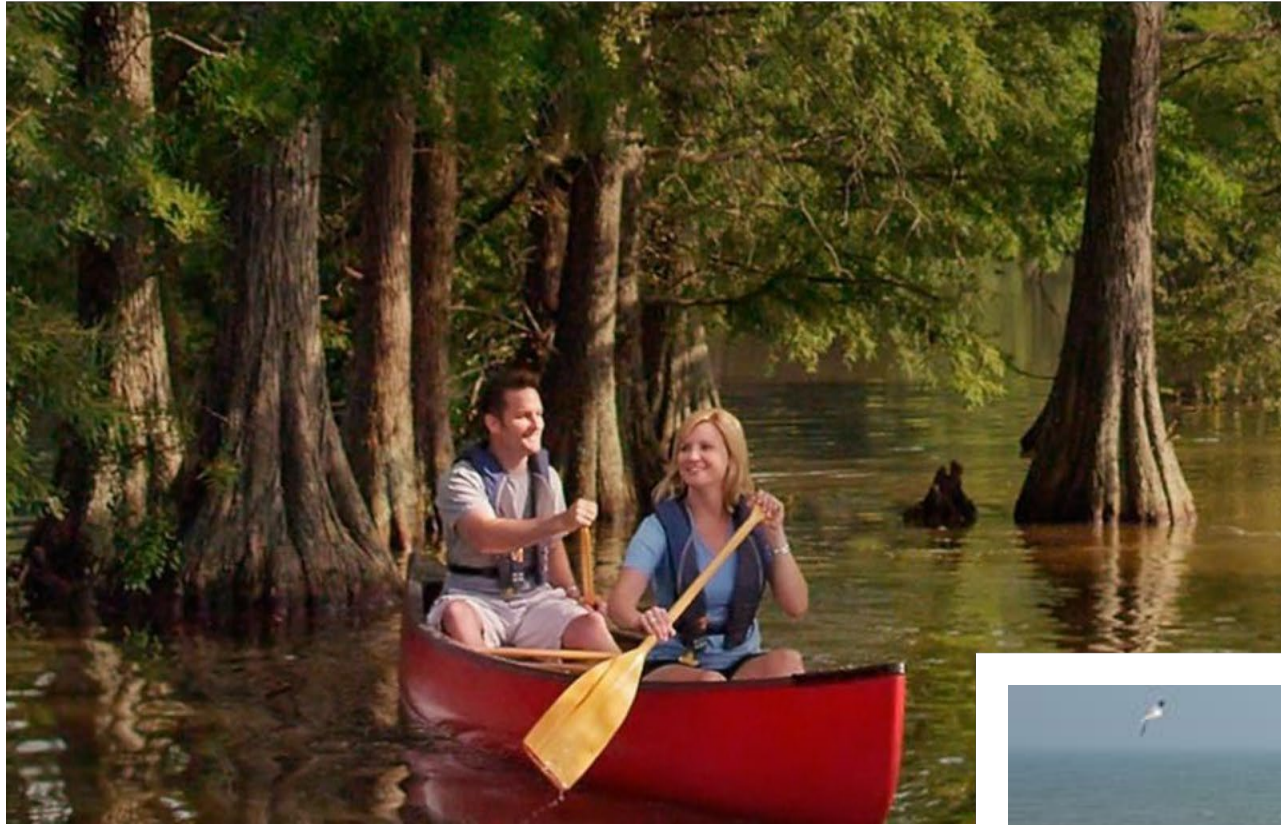




Connecting Land & Water

Kristen Travers





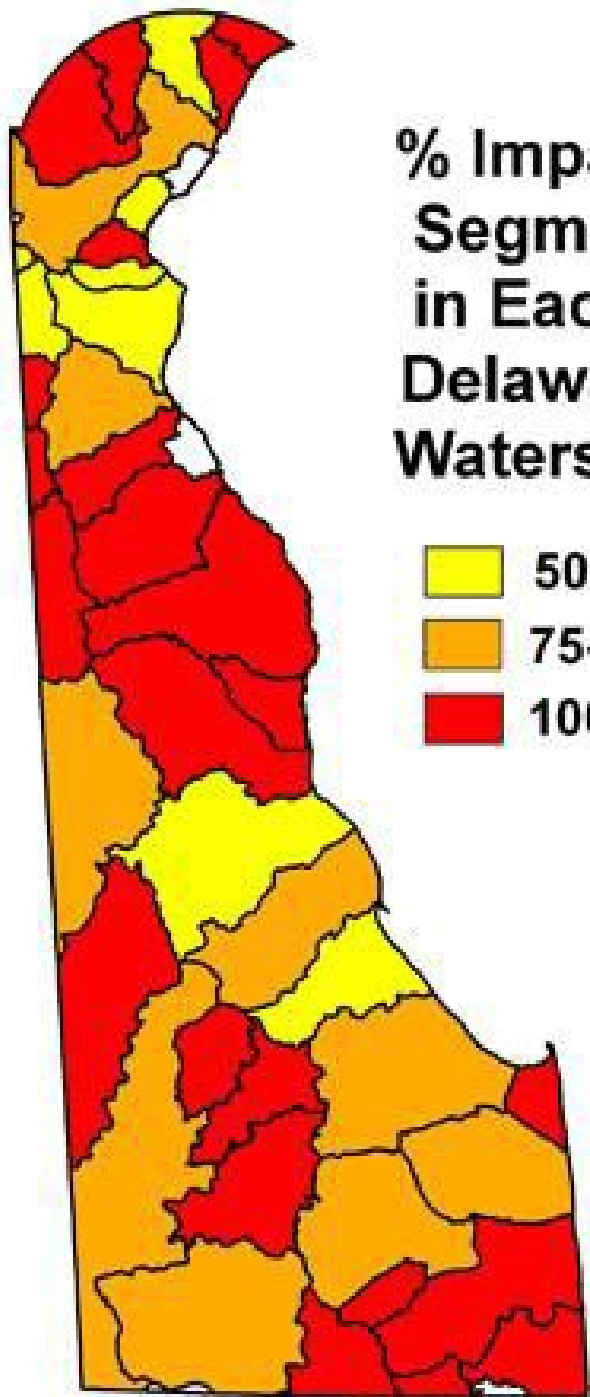
What's in Your Water?

Contaminants of Emerging Concern



Residents attend an informational meeting on the PFCs that were found in public drinking wells at the Blades Volunteer Fire Company's banquet hall. (Photo: Jason Minto, The News Journal)

Published Feb. 13, 2018



% Impaired Segments in Each of Delaware's Watersheds

- 50-74%
- 75-99%
- 100%



Most common impairments:

- Nutrients,
- Bacteria

- Toxins (PCBs, pesticides etc)
- Sediment
- Habitat
- Biology



Water advisories in effect for Slaughter Beach, Broadkill Beach for bacteria

Maddy Lauria, Delaware News Journal | Published 1:50 p.m. ET June 13, 2019 | Updated





Estimated DE Forest Cover: 30%

Delaware may have lost as much as 54 percent of its wetlands since the 1780's



Resilience Naturally

- Lowest US mean elevation
- Sinking
- Relationship to water
- Increased storm intensity

“infrastructure in most parts of the country is no longer performing at the level that it’s supposed to, because of the big changes that we’ve seen in extreme rainfall,”

Geophysical Research Letters, 2019



Mixed Multi-tiered Toolbox

- **Regulated: *Policy/Regulations***
- **Non-Regulated but Permanent**
 - **Protected open space/parks**
- **Voluntary**
 - **Conservation Easements**
 - **Open/Farmland preservation**
 - **Conservation Incentives**



- Protected Wetlands
- Riparian Buffers
- Increased Forest Cover
- Conservation Incentives







Resiliency Naturally

- Leverage Financial Resources
- Strong Policies & Regulations
- Collaborations & Partnerships
- Normalize Nature

THEY SAY MONEY DOESN'T GROW ON TREES. *OR DOES IT?*

