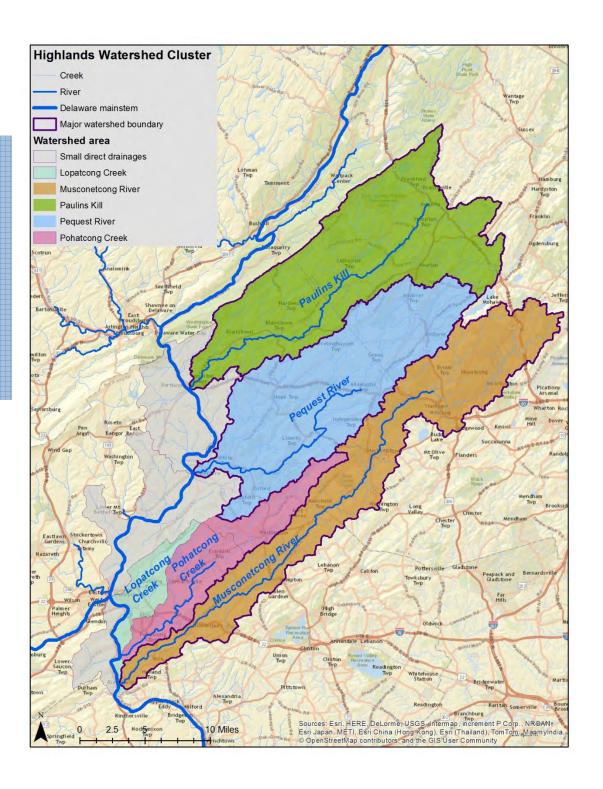


NJ Highlands Watershed Cluster

- 5 watersheds
- Highlands,Ridge & Valley







Key Threats to Habitat & Water Quality



- Lack of natural riparian habitat
- Loss of forested headwaters

Deforested riparian corridor

- Phosphorus
- Fecal coliform/E. coli
- Water temperature



Manure source near a C1 Stream



Significant effort: many groups participating

- Association of New Jersey Environmental Commissions
- Hunterdon Land Trust
- Musconetcong Watershed Association
- New Jersey Audubon Society
- New Jersey Conservation Foundation
- New Jersey Highlands Coalition
- North Jersey RC&D
- The Land Conservancy of New Jersey
- The Nature Conservancy
- Trout Unlimited
- Trust for Public Lands
- Wallkill River Watershed Management Group

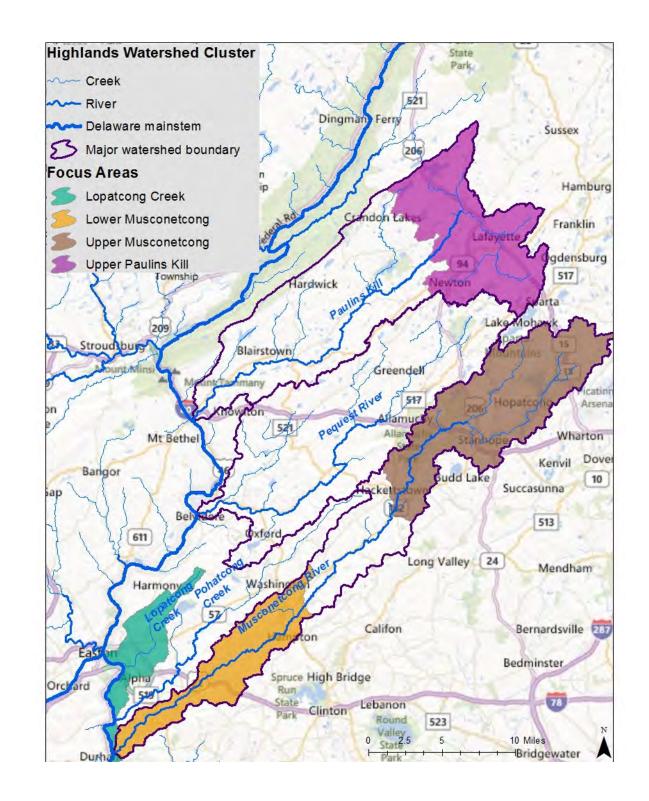






4 priority "focus areas"

- Opportunity/ threat
- Capacity & feasibility
- Sustainability / permanence
- Replicability & scalability

















Strategies

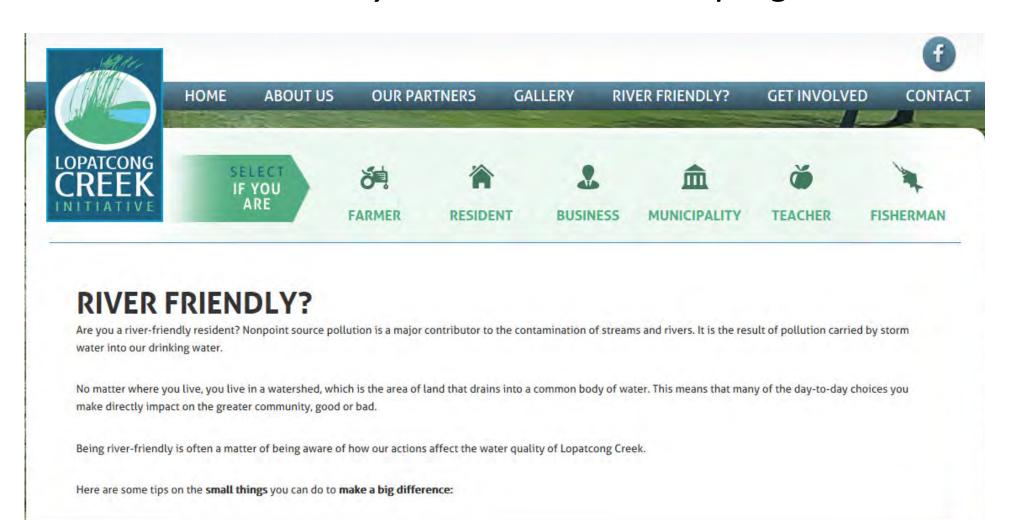
River-Friendly Communities Campaign





Strategies

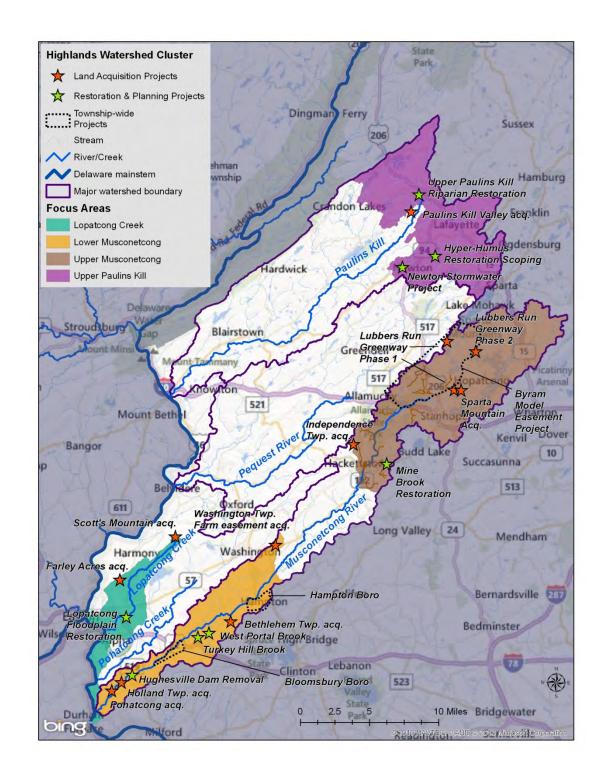
River-Friendly Communities Campaign





Over 30 projects proposed

Over 20 projects underway





Monitoring

- Water chemistry
 - -pH
 - Temperature
 - DO
 - turbidity
- Biologic indicators
 - Macroinvertebrates
 - Freshwater mussels
 - Odonates













