A Watershed-Based Approach to Flood Hazard Mitigation in the Raritan Region

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1 Watershed, 7 Counties,98 Municipalities

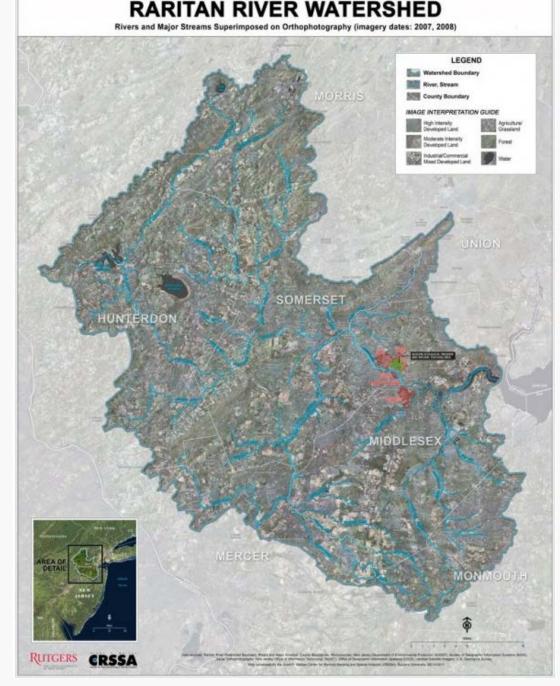


Figure 1. Raritan River Watershed (Rutgers, n.d.)

Initial Findings

- Some cross-county collaboration within watershed
- Challenges to collaboration:
 - Political Willingness
 - Limits of Regulatory Authority
 - Access to Scientific and Technical Information

Regional Flood Mitigation by WMA

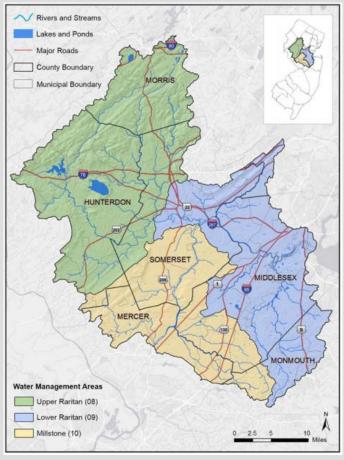


Figure 2. Raritan River Watershed by WMA (Giri, Krasnuk, Lathrop, Malone, and Herb, 2016)

- 1. Create a forum for cross-jurisdictional communication and coordination
- 2. Allow participating jurisdictions access to FEMA flood mitigation funding
- 3. Integrate scientific and technical analysis from the State of the Raritan River reports
- 4. Allow for the integration of WMA-based nonprofits as stakeholders in the process
- 5. Match the geographic scales of flood control and water quality control

(FEMA, 2011; Malone, Lathrop, Pyshnik, Blum, Whytlaw & Bognar, 2018 Weber, Muste, Bradley, Amado, Demir, Drake, ...and Thomas, 2018; Rutgers, n.d.; Malone, 2015a, Malone, 2015b, Malone, 2015c).