

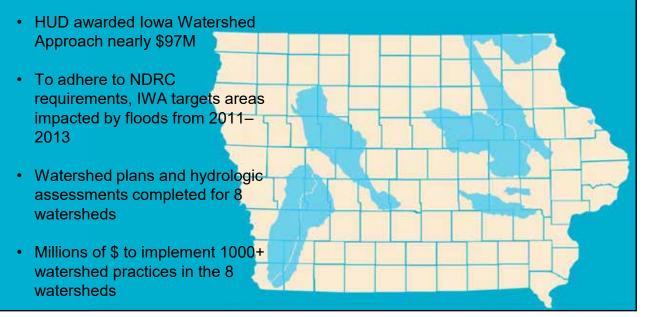
Presenting resiliency strategies learned from the Iowa Watershed Approach, to be documented in . . .

How to Achieve Local Flood Resiliency

By Iowa Homeland Security and Emergency Management Department (HSEMD)



Iowa Watershed Approach (IWA) Background



Iowa Watershed Approach and HSEMD Deliverable

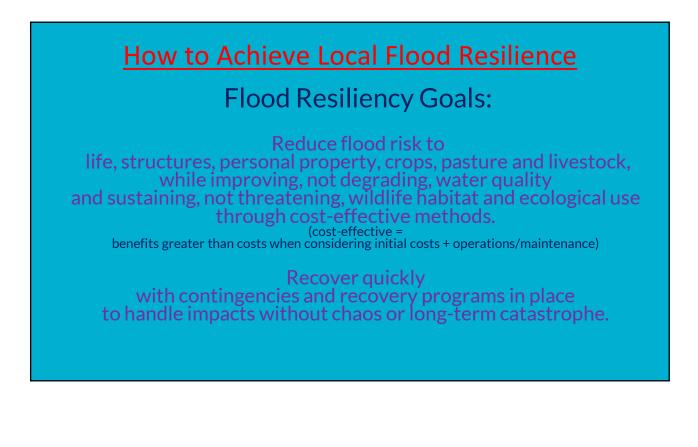
Goals of Iowa Watershed Approach

- Reduce Flood Risk
- Improve Water Quality
- Increase Resilience
- Engage Stakeholders through Collaboration and Outreach/Education
- Improve Quality of Life (especially for vulnerable)
- Develop Program that is Replicable and Scalable

Iowa HSEMD Resiliency Strategies Report:

How to Achieve Local Flood Resilience





So, what are some things we've learned about reducing floods while improving water quality?

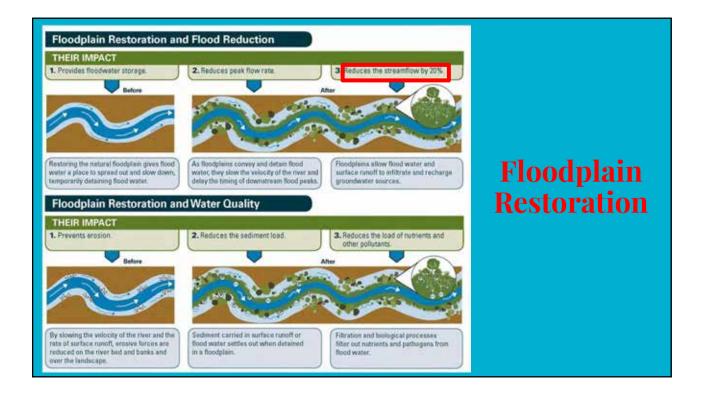
- **1.** Only certain practices are suited for both
- 2. Only certain locations will result in both
- 3. Certain factors must be considered to be cost-effective and to get certain funding

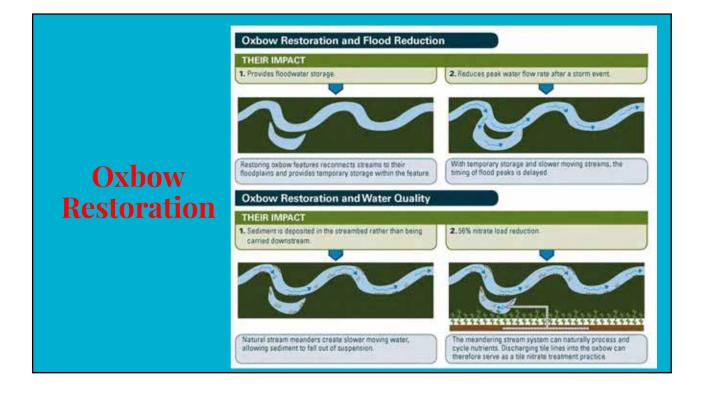
1. Only certain practices are suited for both

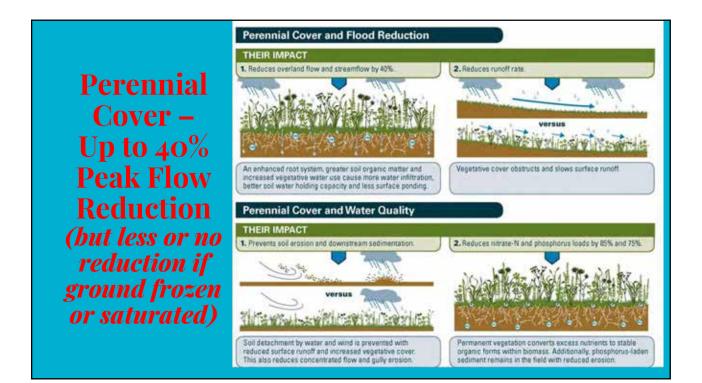
flood reduction & water quality improvement

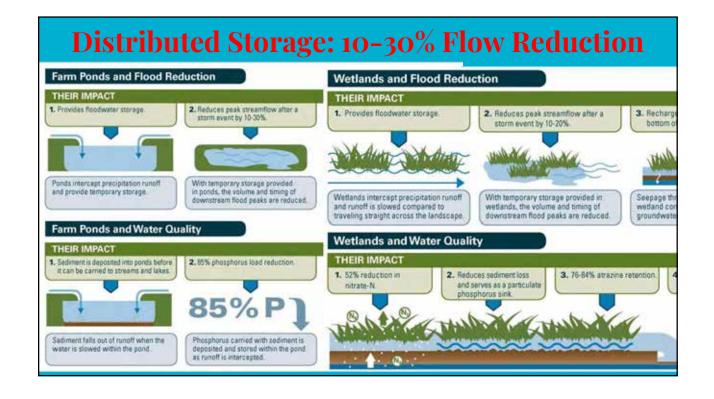
What are they?



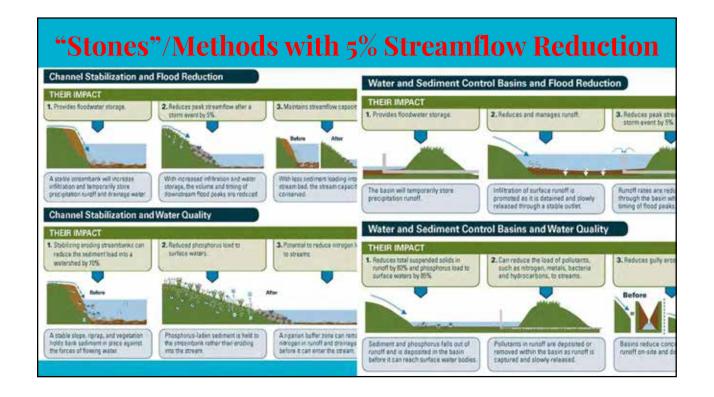












So, will throwing all these stones around reduce peak flow?

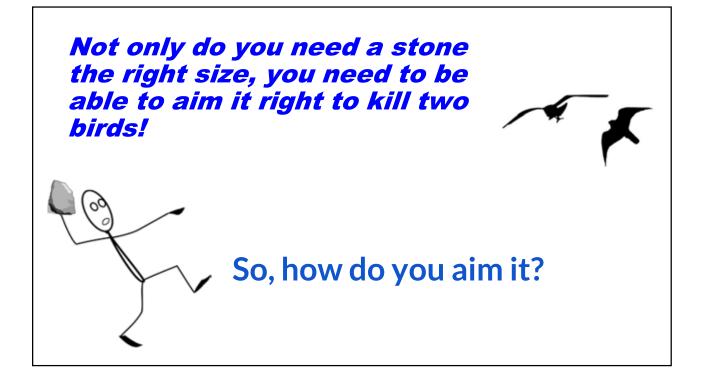
Yes, BUT Reducing

Peak Flow

is NOT

Reducing Flooding!

Doing any of these practices does not necessarily mean you reduce flooding... BUT, it could!



 Only certain practices are suited for both
Only certain locations will result in both flood reduction & water quality improvement

