

Risk Reduction Measures	Hazard Category			
	Flood			
	Manipulate Hazard	Reduce Exposure	Reduce Vulnerability	Increase Capability
Personal scale	1. Clear stormwater drains and culverts	1. Locate outside of hazard area 2. Elevate utilities above BFE 3. Institute low impact development techniques on property	1. Retrofit structure (elevate house above BFE) 2. Elevate items with house above BFE 3. Build new homes above BFE 4. Floodproof non-residential structures	1. Comply with National Flood Insurance Program (NFIP) 2. Buy flood insurance 3. Develop household mitigation plan, such as retrofit savings, communication capability with outside, 72 hr self-sufficiency during and after an event
Corporate scale	1. Clear stormwater drains and culverts	1. Locate business critical facilities or functions outside hazard area 2. Institute low impact development techniques on property	1. Build redundancy for critical functions/ retrofit critical buildings 2. Provide flood-proofing measures when new critical infrastructure must be located in floodplains	1. Increase capability by having cash reserves for reconstruction 2. Support and implement hazard disclosure for the sale/re-sale of property in identified risk zones 3. Solicit 'cost-sharing" through partnerships with private sector stake holders on projects with multiple benefits
Government	1. Clear stormwater drains and culverts 2. Dredging, levee construction, providing retention areas... 3. Structural flood control: levee's, dams, channelization, revetments 4. Construct regional stormwater control facilities	1. Locate/re-locate critical facilities outside of hazard area 2. Acquire or relocate identified repetitive loss properties 3. Promote open space uses in identified high hazard areas via techniques such as: PUD's, easements, setbacks, greenways, sensitive area tracks 4. Adopt land development criteria such as PUD's, Density transfers, clustering 5. Institute low impact development techniques on property 6. Acquire vacant land or promote open space uses in developing watersheds to control increases in runoff	1. Strengthen existing infrastructure 2. Provide redundancy for critical functions and infrastructure 3. Adopt appropriate regulatory standards such as cumulative substantial improvement/damage, freeboard, lower substantial damage threshold, compensatory storage 4. Stormwater management regulations and master planning 5. Adopt "no-adverse impact" floodplain management policies that strive to not increase the flood risk on down-stream communities	1. Produce more accurate flood hazard maps 2. Provide technical information and guidance 3. Enact tools to help manage development in hazard areas (stronger controls, tax incentives, information, enforcement of the NFIP) 4. Incorporate retrofitting/replacement of critical system elements in CIP 5. Develop strategy to take advantage of post disaster opportunities 6. Warehouse critical infrastructure components 7. Develop and adopt a Continuity of Operations Plan (COOP) 8. Join Community Rating System (CRS) program 9. Maintain existing data as well as gather new data needed to define risks and vulnerability 10. Training for staff and decision-makers in floodplain management

Risk Reduction Measures	Hazard Category			
	Flooding			
	Manipulate Hazard	Reduce Exposure	Reduce Vulnerability	Increase Capability
Government				11. Create a building and elevation inventory of structures in the floodplain 12. Develop and implement a public information strategy 13. Charge a hazard mitigation fee on all new permits to create a hazard mitigation funding source for initiatives or grant cost share requirements 14. Develop a Flood Task Force 15. Create Flood Control Zone District 16. Integrate floodplain mangement policies into other planning mechanisms within the planning area