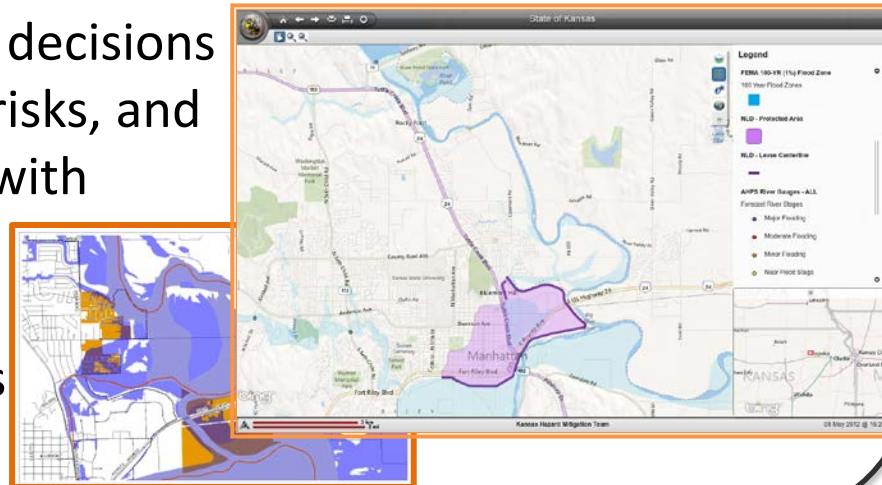


Project Description

- Public Involvement Pilot Project (USACE IWR)
- Floodplain Management Plan (FMP)
- This is a strategic plan that describes flood hazards, documents decisions made on managing flood risks, and formalizes an action plan with specifics and schedules
- Key part is public review of nonstructural measures like home elevation



Flood Risk Reduction Outcomes (on going)

- Identifies current flood risks clearly by reach
- States goals tied to problems (depth, velocity, rate of rise, etc)
- Establishes future action plan with who does what and when
- Organizes the next step in pursuing action items towards comprehensive flood hazard mitigation work
- Develops a new freeboard ordinance (example action item) BFE+2 feet requirement for managing future development
- Creates a systems approach tied watershed boundaries
- Engages the public in decision process
- Ties action items to county (local) hazard mitigation plan

Challenges Overcome / Continuing Challenges

- Coping with public interest on flood insurance map revision and reform
- Addressing public misconceptions of risk level managed below a dam
- Gaining public understanding of actions that would be most cost effective, as a thorough review of all possible structural and nonstructural measures
- Coordinating a series of work groups
- Evaluating future conditions runoff

Partners and Project Cost

Agency	Investment
Communities	\$200K In-kind
Kansas Hazard Mitigation Team	\$8K In-kind
USACE	\$75K
FEMA	\$4k In-kind
IWR Public Participation CoP Pilot	\$5k plus additional in-kind
USACE Nonstructural Flood Proofing Committee	\$3k plus additional in-kind
TOTAL	\$295,000

Successes/Best Practices

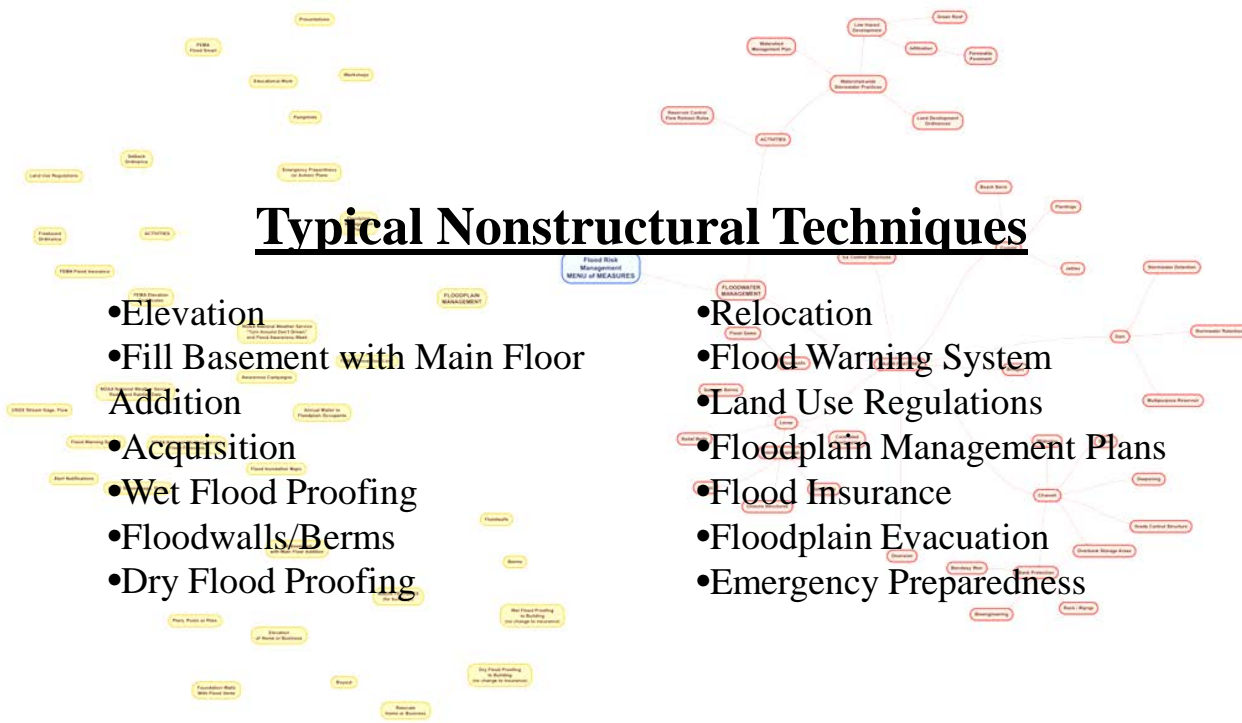
- Harnesses the window of opportunity during FEMA county-wide map revision and NFIP Reform
- Evaluates full menu of measures (structural and nonstructural) and narrowing to the right tools
- Captures a decision history for managing floods
- Evaluates future development runoff to vet the validity of a freeboard ordinance with public
- Gives FEMA Community Rating System credit

USACE Project Point of Contact

Brian Rast
Kansas City District

Floodplain Management Plans

The Universe of Flood Risk Management Measures



Typical Nonstructural Techniques

- Elevation
- Fill Basement with Main Floor Addition
- Acquisition
- Wet Flood Proofing
- Floodwalls/Berms
- Dry Flood Proofing
- Relocation
- Flood Warning System
- Land Use Regulations
- Floodplain Management Plans
- Flood Insurance
- Floodplain Evacuation
- Emergency Preparedness

