

# EWN FY15 IPR



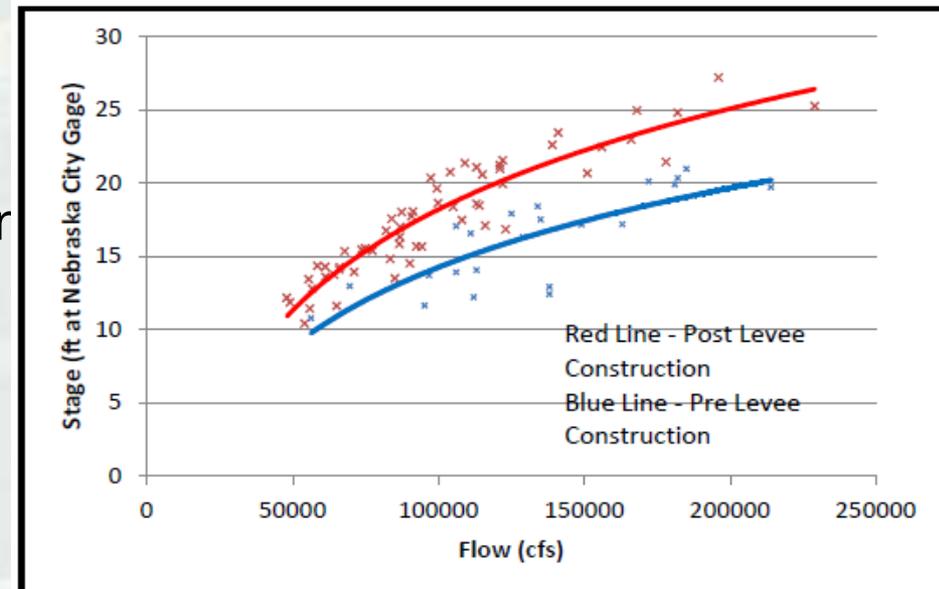
The Use and Value of Levee Setbacks in Support of Flood Risk Management, Navigation and Environmental Service  
David L. Smith, Chuck Theiling, Randall Behm, Bob Koenigs

## ■ Problem

- High flood stages
- High erosive velocities
- Potential unsuitable foundation
- Potential high under seepage
- Recurring damages/cost

## ■ Objective

- Document flood risk reductions, economic conditions, ecosystem conditions



## ■ Approach

- Case studies with SPK, NWO, MVR

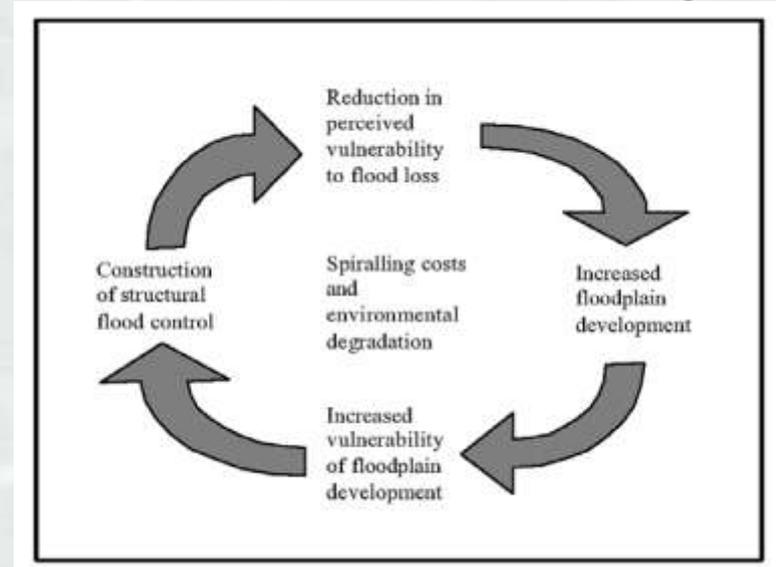


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- Project Funding by Year
  - FY14 (4Q start)
    - \$6,345 to SPK, NWO, MVR
  - FY15
    - \$12,260 to SPK, NWO, MVR



- Major Project Deliverables
  - Manuscript targeting Environmental Management submission this FY – Journal of Flood Risk Management
- Value Statement
  - We are documenting why set back levees are good for the USACE.





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- FY15 Products – JP in September ready for submission. Target journal is Journal of Flood Risk Management

\*The listing of products provided on this slide should be supported with a one-page Word document that provides a description and the particulars for each product. An electronic version of the PPT file, PMP, Product Listing and Fact Sheet to Cynthia Banks by COB Tuesday, 11 AUG 15. Collaborations and interactions with others (in and especially external to ERDC), should be described, when relevant, for all products.

