



A Model for Risk Communication in Sustainable Floodplain Management

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Presentation outline

- Flood management context
 - Practical need
 - Practical solution
- Red River (Canada and USA) case study
- Conclusion



Risk communication challenge

- Multiple objectives and multiple stakeholders
- Effective participation is prerequisite of effective decision making
- Flood management with large number of stakeholders

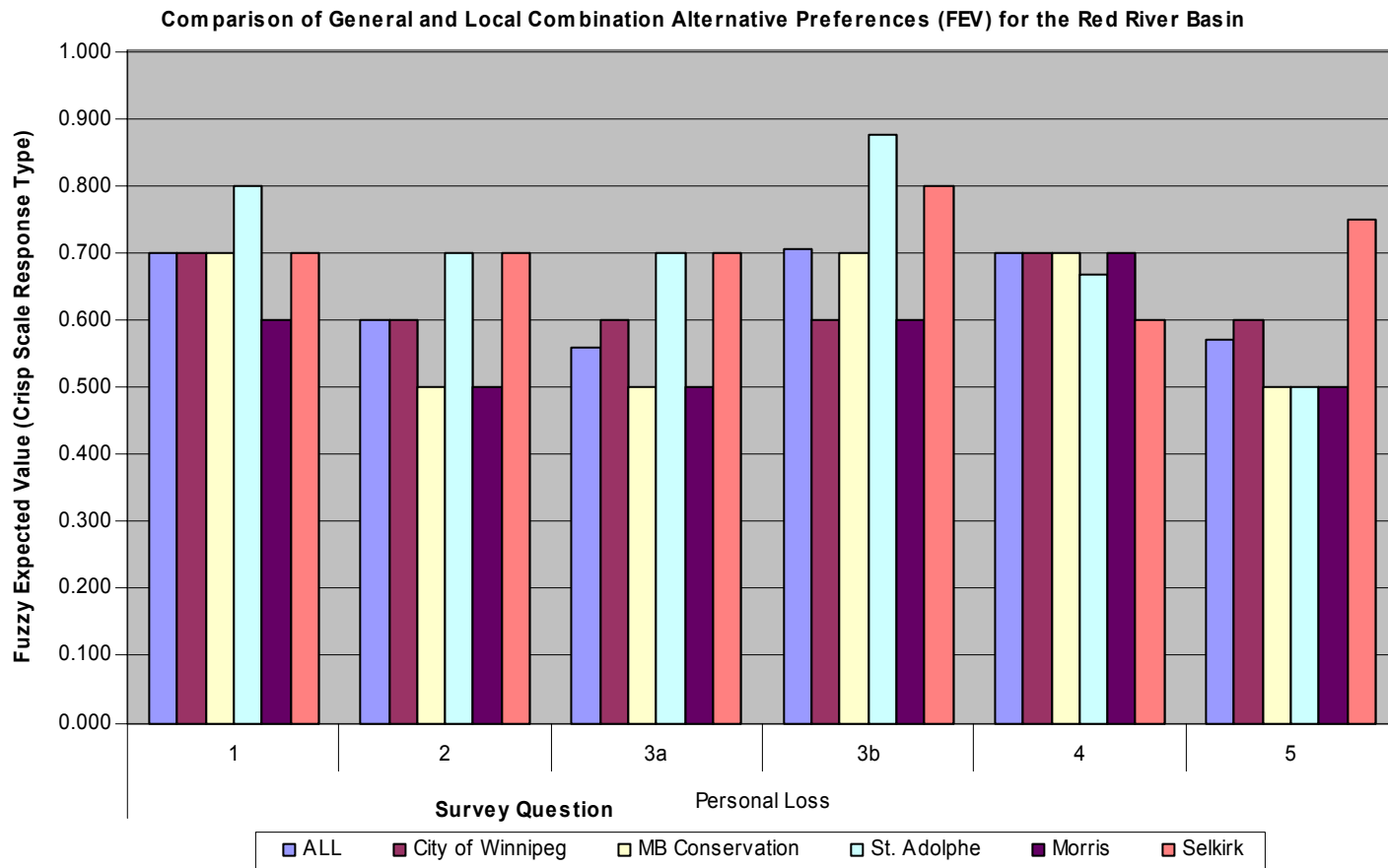


A model

- Capturing the views of multiple stakeholders using fuzzy set theory
- Three risk communication mechanisms
 - Scale
 - Linguistic
 - Conditional
- Fuzzy expected value



Red River Case Study





Instead of conclusion

