

SALT CREEK FLOODPLAIN RESILIENCY STUDY





LOWER PLATTE SOUTH
natural resources district

olsson[®]

Michael Baker
INTERNATIONAL

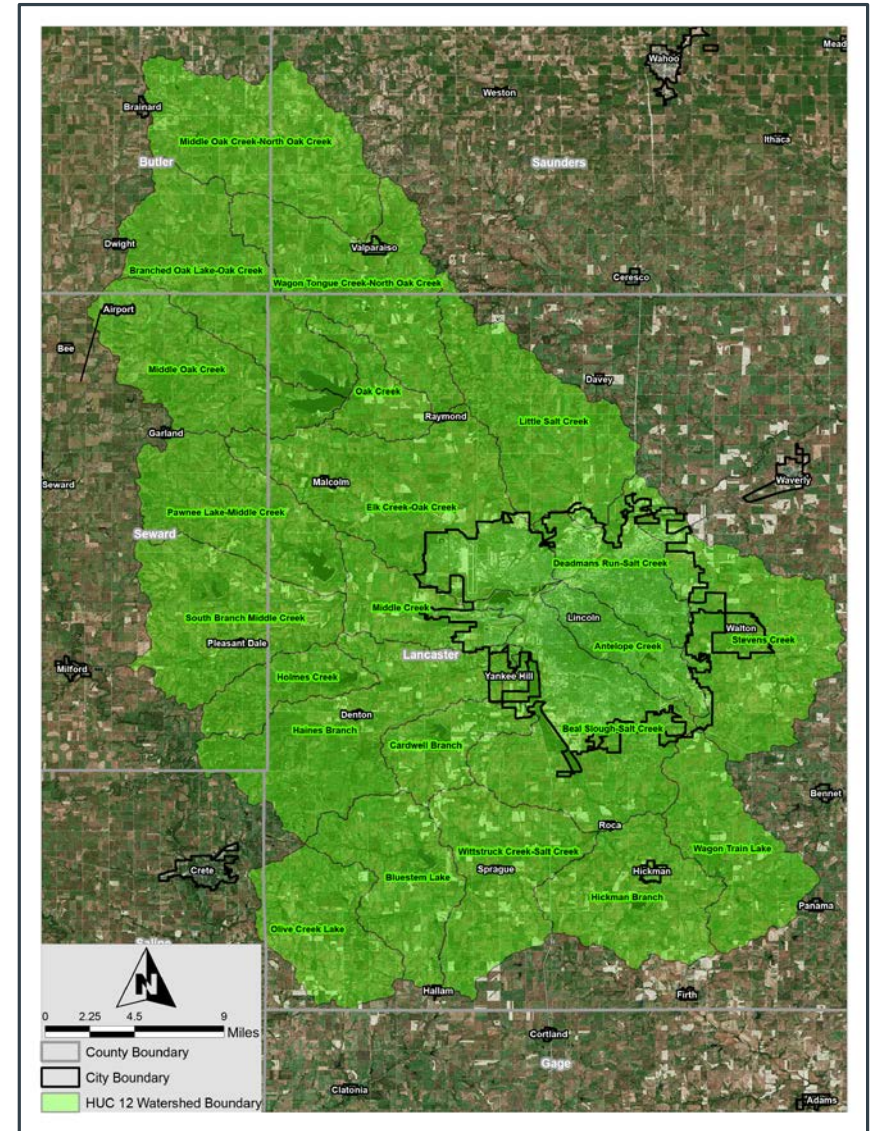
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STUDY BACKGROUND AND PURPOSE



WHY STUDY SALT CREEK?

- Salt Creek is the receiving stream for all the runoff generated within the City of Lincoln and Lancaster County
- Since 1900, 100 floods have been recorded along Salt Creek and its tributaries in and near the City of Lincoln. Of those, 17 were classified as major, 30 as moderate, and 49 as minor.





WHAT DOES RESILIENCY MEAN?

STAKEHOLDER'S ROLE

- Help the project team understand what is known about the Salt Creek floodplain
- Help educate others about Salt Creek floodplain resiliency
- Stakeholder resources and other information can be found at:

<https://www.saltcreekstudy.com/>

STUDY TASKS



Review Floodplain Best Management Practices (BMPs)



Review Lincoln and Lancaster County's Current Floodplain Standards and Practices



Summarize Flood History



Evaluate Local Climate and Resiliency Standards



Summarize and Recommend Potential Flood Reduction Measures and Funding Sources



Prepare a Public Education and Dissemination Plan

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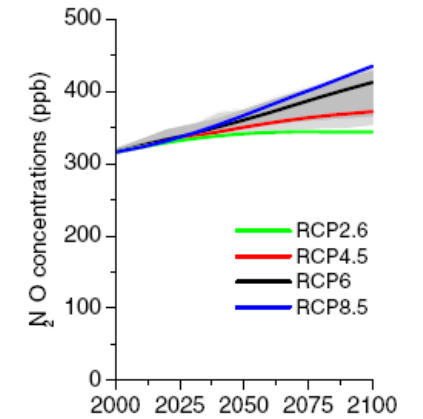
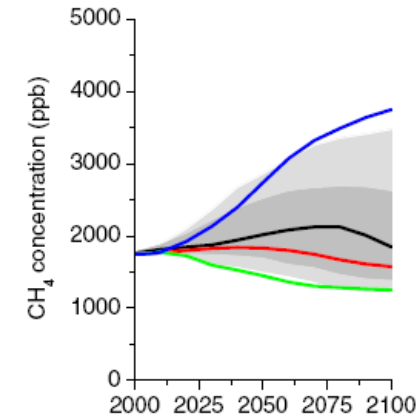
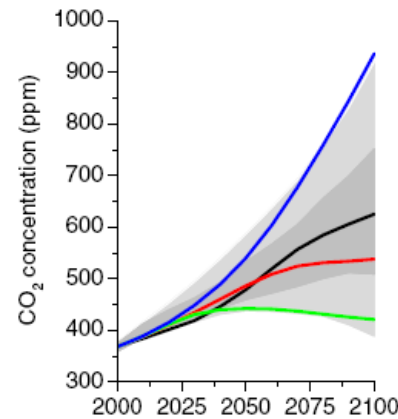
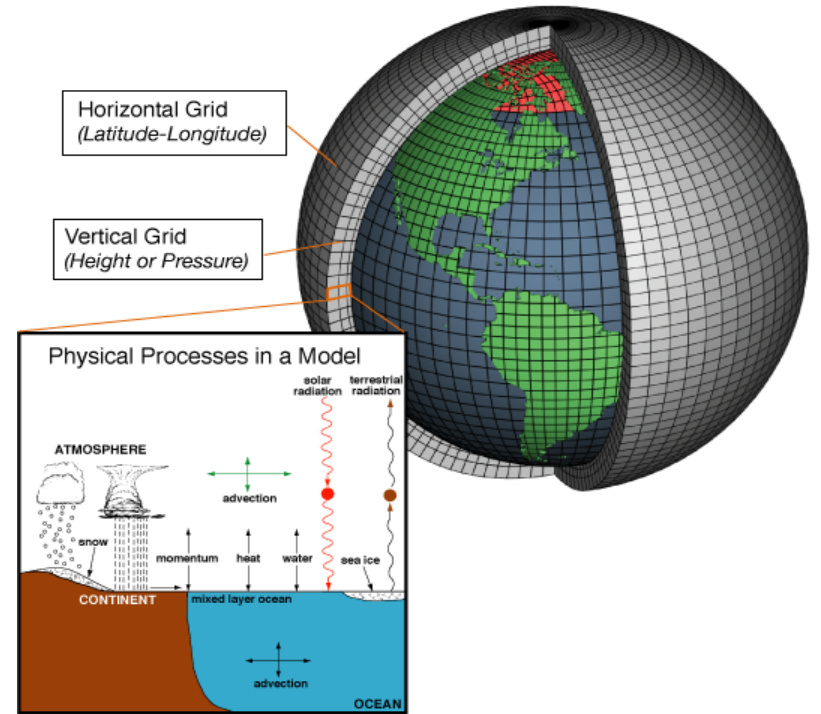
Evaluate Local Climate and Resiliency Standards



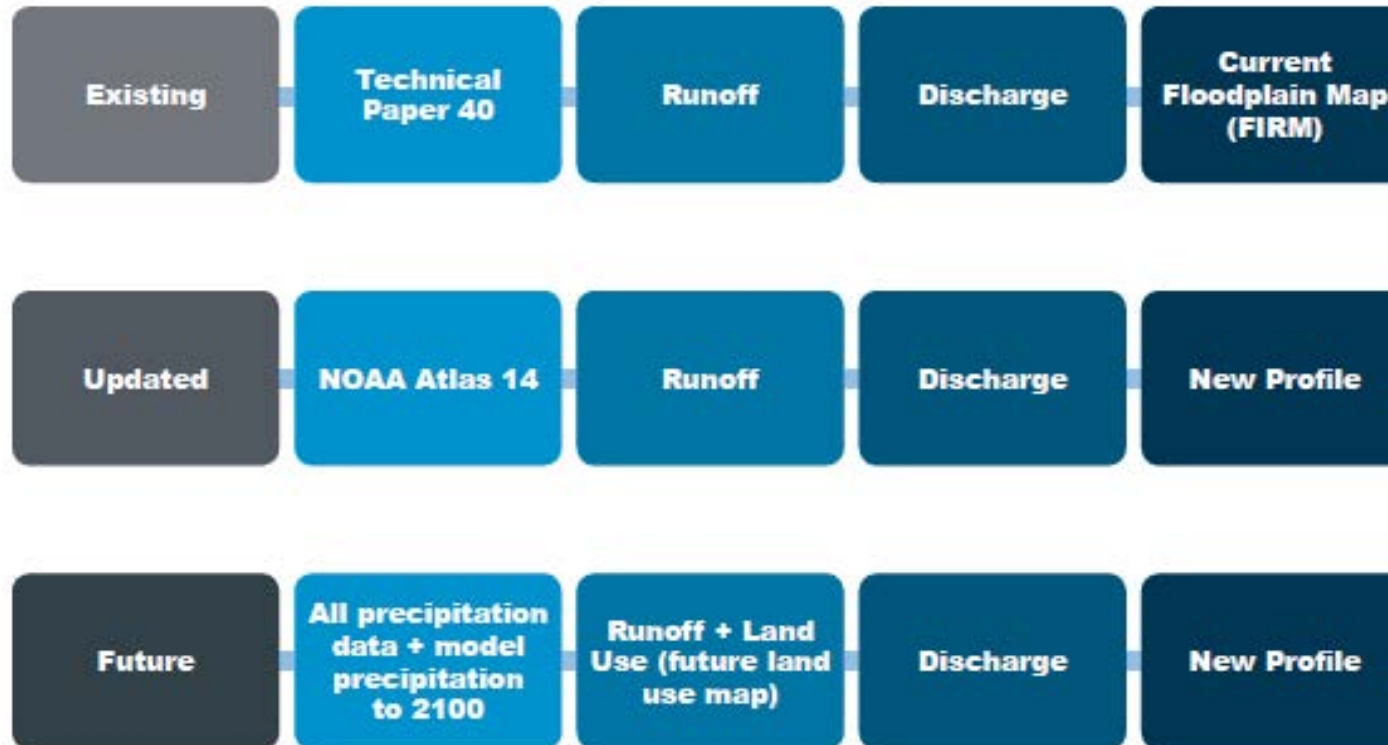
Summarize and Recommend Potential Flood Reduction Measures and Funding Sources



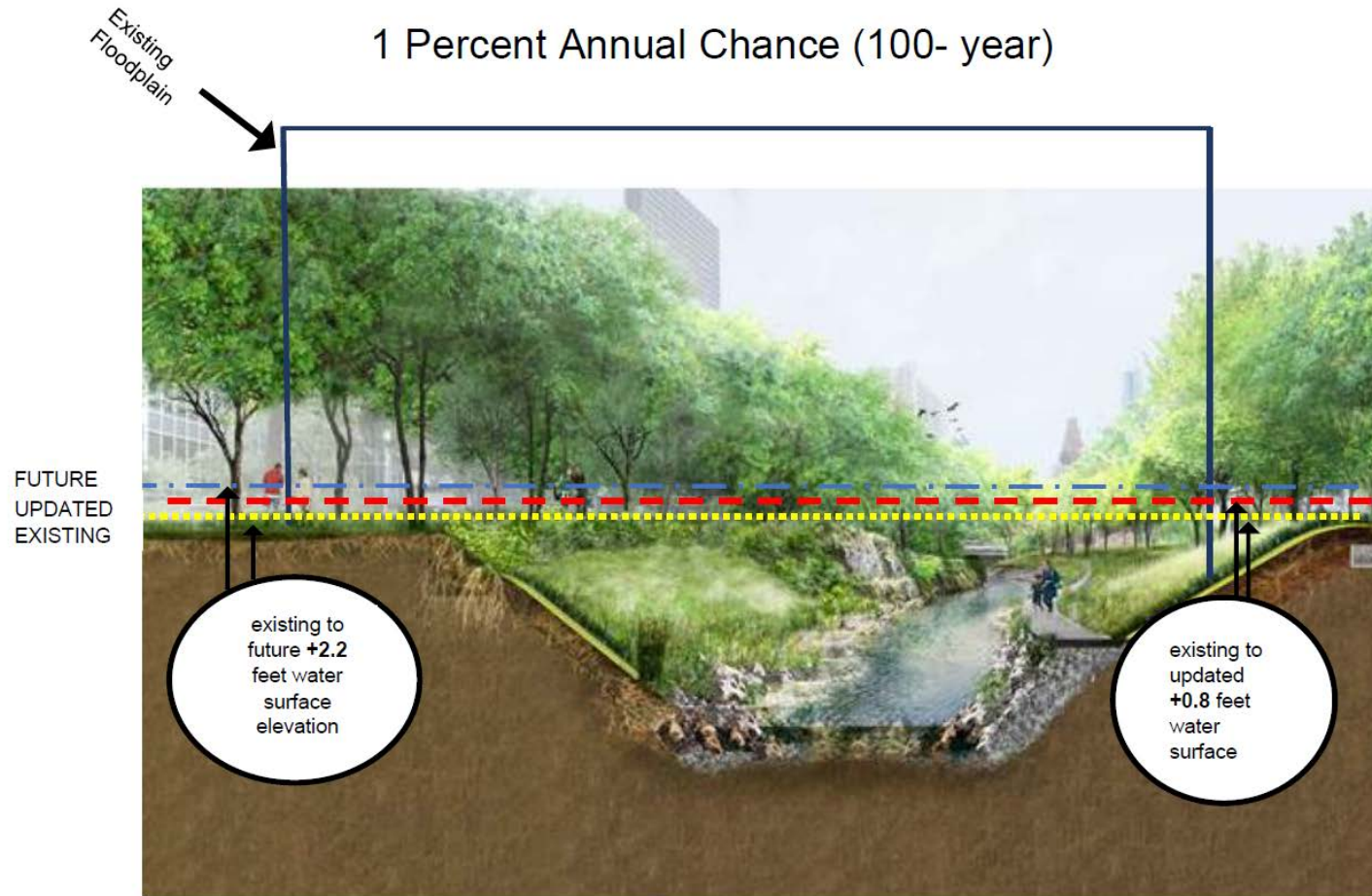
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Floodplain Models



1 Percent Annual Chance (100- year)



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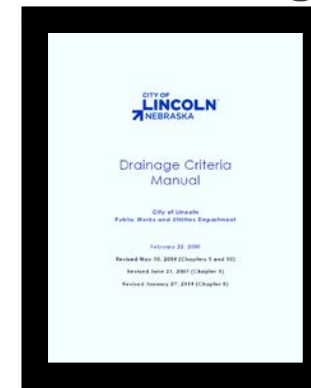
Summarize and Recommend Potential Flood Reduction Measures



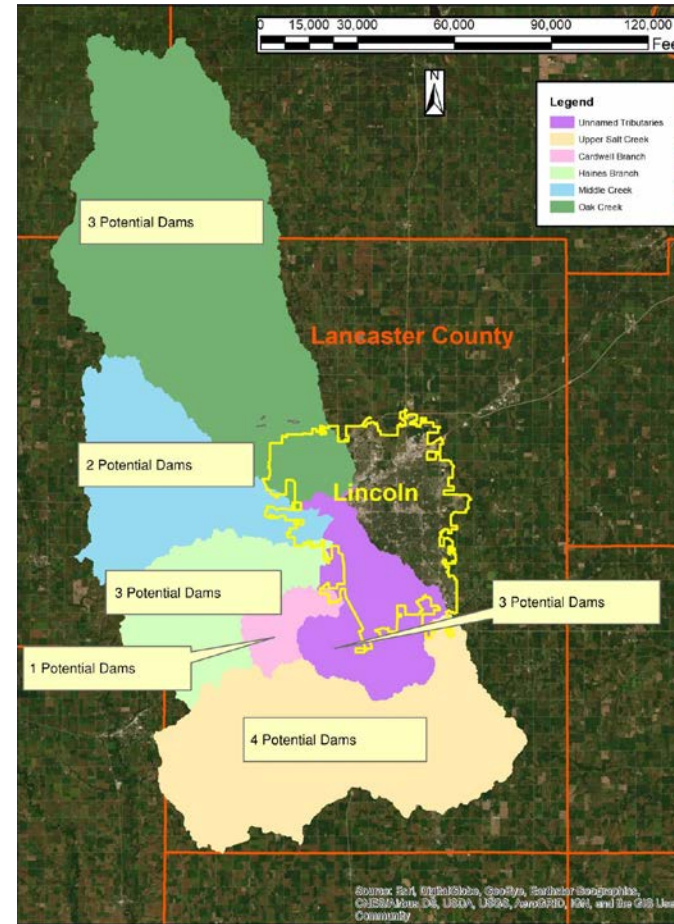
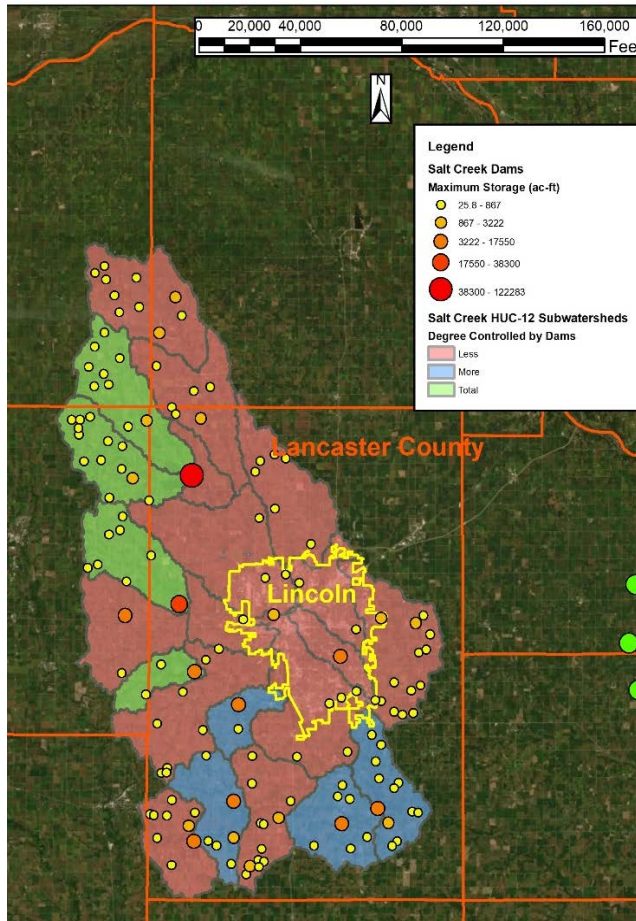
Prepare a Public Education and Dissemination Plan

Recommended Non-structural Flood Reductions Measures

- **Overlay Zoning**
- **Voluntary Buyout Program**
- **Setbacks and Riparian Preservation**
- **LID Regulations**
- **Higher Floodplain Management Standards**
- **Cluster Subdivision Regulations**



STRUCTURAL FLOOD RISK REDUCTION MEASURES





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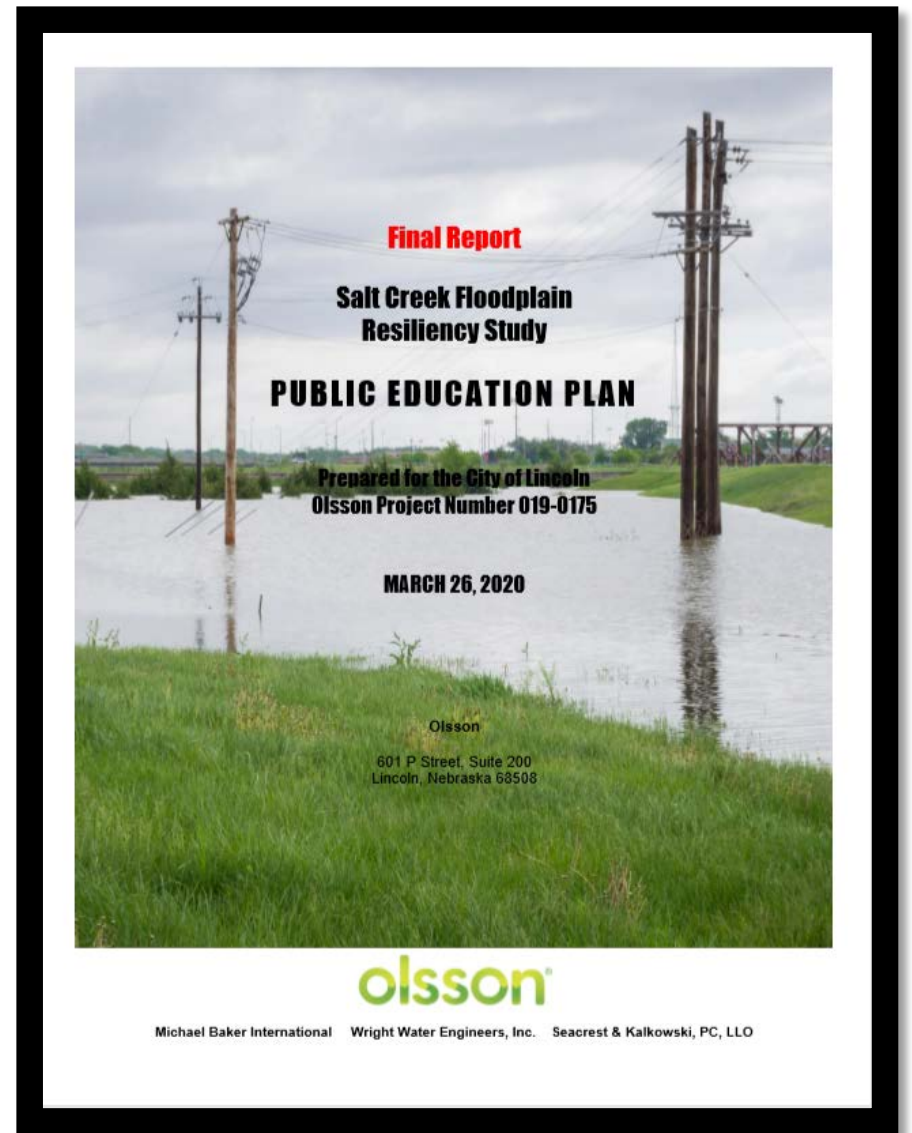
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Summarize and Recommend Potential Flood Reduction Measures and Funding Sources



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Study Recommendations

- **Continue active participation in the Community Rating System**
- **Adopt higher floodplain regulatory standards**
- **Initiate the development of new floodplain maps**
- **Use national BMPs identified to guide planning objectives**
- **Consider implementation of nonstructural flood resiliency strategies**
- **Continue with the development of a resiliency strategy for Salt Creek**

Please Visit the Website at:

<https://www.saltcreekstudy.com/>



QUESTIONS