



Climate-Ready Infrastructure and Strategic Sites Protocol

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The Cities Initiative



- Started in 2003 – 20 Cities
- Grown to 122 Cities – over 17 million people
- Covers entire Great Lakes and St. Lawrence Basin
- Get seats at decision-making tables for cities
- Broader sustainability focus



Cities Initiative Members



Problem



- Two challenges that municipalities face:
 1. The lack of reliable data on anticipated weather changes due to climate change; and
 2. Limited municipal financial and staff resources to devote to identifying and assessing vulnerability



Solution : the CRISSP



- Climate-Ready Infrastructure and Strategic Sites Protocol
- Create an expedited methodology for municipalities to identify and protect their strategic sites and infrastructure in advance of extreme weather



Partners



- GLISA
- City of Gary, IN
- AECOM
- Advisory Committee
 - Evanston, IL
 - Niagara Falls, NY
 - Milwaukee, WI
 - Traverse City, MI



Solution : the CRISSP



- Existing Data
- Internal/Close External Human Resources
- Lower Cost
- Target Audience
 - Small to mid-size municipalities



Tools and Deliverables



- The Guide
- The Matrix
- The White Paper



Photo: JoeyBLS Photography



The Guide



- Technical Paper
- Explains bases of the project, research, methodology
- Presents reasoning behind matrix questions
- Presents pilot project implementation



The Matrix



- The list of vulnerability assessment questions a municipality needs to ask itself
- Comprehensive
- Identifies Data Needs
- Touches on various aspects of risk management
- Works in conjunction with the Guide





The White Paper



- Focus on Methodology
- Link to Matrix
- Findings of interest to new grantees

The Climate-Ready Infrastructure and Strategic Sites Protocol (CRISSP) **GLISA**
A NOAA RISA TEAM

AECOM  

Great Lakes and St. Lawrence Cities Initiative
Alliance des villes des Grands Lacs et du Saint-Laurent

The Climate-Ready Infrastructure and Strategic Sites Protocol (CRISSP)

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How to use the CRISSP?



- Become a member
- Establish scope
- Establish team, assign data gathering roles
- Use matrix to answer questions and establish vulnerability
- Take actions to ensure sustainability



Lessons learned



- Data management
- Sensitive to Strategic
- Integration in Existing Plans
- Staff champion needed
- Be flexible
- Interdependencies and Cascading Effects
- Learn about your infrastructure



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- 2016 Annual Meeting and Conference
– June 15-17, Niagara Falls, NY

