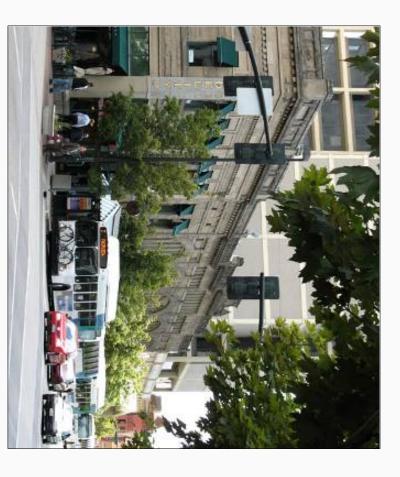
#### **Resilient Communities EPA Tools for**

Megan Susman

Climate, Cities, and Behavior Symposium U.S. Environmental Protection Agency Office of Sustainable Communities March 15, 2013

3/15/2013



No- or low-regrets strategies

Solutions to Build Climate Resilience

Guidelines for Using Smart Growth

UNITED STAT

- Bring multiple other environmental, economic, health, and community benefits
- Can help communities weather economic changes as well
- Help both mitigate and adapt to climate change
- Mainstream adaptation into land use, transportation, and building procedures



# Smart Growth Strategies for Resilience

- Direct new development away from vulnerable areas
- Build compact, walkable, mixed-use development in safer areas
- Build water- and energyefficient structures and neighborhoods
- Give particular attention to vulnerable populations (low income, elderly, children)





## **Current EPA Tools**

- www.energystar.gov Energy Star
- Water Sense www.epa.gov/watersense

ENERGY STAR

- www.epa.gov/climatereadyutilities Climate Ready Water Utilities
- www.epa.gov/cre Climate Ready Estuaries













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### Planned EPA Smart Growth/Climate **Resilience Tools**

- Metropolitan
  Washington Council of Governments technical assistance report
   (2013)
   Smart Growth Eivee for
- Smart Growth Fixes for Climate Adaptation (2014)



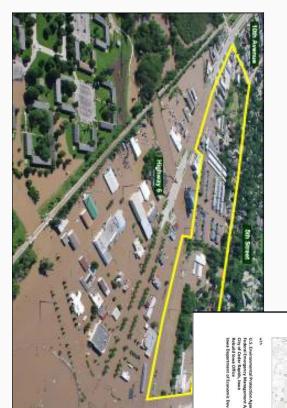
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#### **Technical Assistance Projects Disaster Resilience**

Iowa (with FEMA and USDA)

imbracing the River: Smart Growth Strategion or Assisting in Cedar Rapids' Recovery

- North Carolina (with FEMA)
- Vermont



4/5/2013

U.S. Environmental Protection Agency

SEPA



- Assistance Implementatior

- Smart Growth
- Phoenix, Arizona
- GREENING LOWER GRAND AVENUE GREENING AMERICA'S CAPITALS THE ANACOSTIA METRO STATION AREA

Strategies for

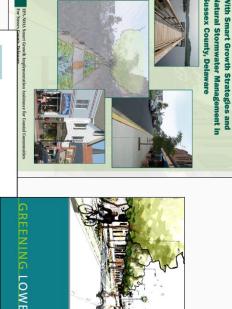
Communities: Sustainable

**Based on Californi** 

A Guidebook

Community Type:





Protecting Water Quality



- Sustainable **Building Blocks for**
- Communities

**Fechnical Assistance Programs** 

INDUIANS - UNITED STATE AGENCY



- Policies, Programs, and Plans
- Overall Excellence

www.epa.gov/smartgrowth/awards.htm

3/15/2013 SEPA Getting to Smart Growth Wrwithe prop SEPA Internet Smart This for Rural Growth Fixes lanning oning, and ssential Smar Growth SMART GROWTH Is www.epa.gov/smartgrowth **BEPA** 10 SEPA One of Data and Descent for Transit-Oriented Development Infrastructure Financing Options about the refreshing the sector of States and states ..... and the second s

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