

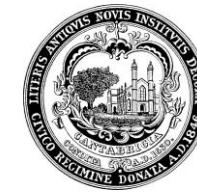


Cambridge Climate Resiliency Tabletop Exercise

Interdependent Systems and Your Resiliency Scorecard

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Wednesday, 17 January 2018; 1:00 – 4:00 p.m.
Harvard Law School, Wasserstein Building, 2nd Floor, Cambridge, MA 02138



Interdependent Systems

- What is important to your business?
 - Sales
 - Service
 - Reputation
 - Quality

- What do you need to accomplish these goals?
 - Labor
 - Power (Electric and natural gas)
 - Water
 - Sewer and waste water treatment
 - Transportation network
 - Supplies and logistics network
 - Emergency services and first responder network

UN Disaster Resilience Scorecard for Cities

- Assesses a continuum from chronic stresses to extreme shocks
- Summaries and preliminary and detailed planning tools available through UN Office for Disaster Risk Reduction (UNISDR)
- Governance and financial
 - 1. Organize for disaster resilience
 - 2. Identify, understand and use current and future risk scenarios
 - 3. Strengthen financial capability for resilience
- Planning and disaster preparation
 - 4. Pursue resilient urban development and design
 - 5. Safeguard natural buffers to enhance the protective functions offered by natural capital
 - 6. Strengthen institutional capacity for resilience
 - 7. Understand and strengthen societal capacity for resilience
 - 8. Increase infrastructure resilience
- Disaster response and post-disaster recovery
 - 9. Ensure effective disaster response
 - 10. Expedite recovery and build back better

Collaborative Climate Resilience

- Impact of climate change and weather events crosses town boundaries
- People and things need to cross town boundaries
- Investments in individual resilience may be rendered ineffective without understanding interdependencies
- Are you engaged with and/or aware of state and local government zoning and planning decisions?
- Are your employees resilient enough to be able to support your recovery?
- Effective planning includes a mix of business level, building level, block level, neighborhood level and community level efforts and coordination

What is your scorecard...are you ready for your role?

- Do you know what your critical needs are and is your business process resilient?
 - What is most important to your business?
 - Can you operate with reduced municipal, utility and logistics support?
 - How long can you operate without restoration of networks?
 - Is that enough to allow your business to continue?
- Can you assess impact of your preparations in comparison to neighborhood and regional planning?
- Can you partner with another company in some way for response and recovery?
- What community role are you willing to play?
 - Leader?
 - Supporter?
 - Follower?
- Are you willing to engage in resilience as a team sport?