

# Urban Resilience Challenge – City of Urbana

- Problem statement: The City is building two new Fire Stations. What technical and financial model can the City use to establish emergency backup power from solar+battery without putting the capital costs in the new construction project?
- What factors are contributing to the resilience challenge: Its advantageous for emergency services to always have power. The project will be over budget before solar or battery is considered.
- Approach: Collect case studies for technical and financial models that finance solar+battery installations.

# Urban Resilience Challenge – Village of Savoy

- Problem statement: The Village is evaluating its stormwater management systems. What best practices can the Village integrate into its stormwater requirements to reduce the negative impacts of future growth and additional impervious surfaces on stormwater infrastructure and systems?
- What factors are contributing to the resilience challenge: The Village's current stormwater management practices are inadequate for future growth, and flooding is becoming more common with the changing climate.
- Approach: Evaluate existing infrastructure, create a stormwater management plan that targets interventions, update building, zoning, and subdivision requirements to require storm water management and to include best practices in landscaping and design to mitigate negative impacts of flooding on current and new development.