

# Facing Our Sustainability and Resiliency Challenges

## Panel:

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## Moderator:

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Photo c/o [Farm Flavor](#).



**Community  
Resilience (n.):**

The capacity of individuals, communities, institutions, businesses, and systems...to survive, adapt, and grow, no matter what kinds of chronic stresses and acute shocks they experience.”

~100 Resilient Cities

**Building resilient  
places and systems:**

- minimizes consequences from acute shocks
- lessens impact of daily stressors
- enhances quality of life

# Resilience is challenged by various types of threats:

Natural	Man-Made
<ul style="list-style-type: none"><li>• Earthquakes</li><li>• Tornadoes</li><li>• Landslides &amp; debris flow</li> <li>• Floods &amp; flash floods</li><li>• Hurricanes &amp; tropical storms</li><li>• Hail</li><li>• T-storms &amp; lightning</li><li>• Winter &amp; ice storms</li><li>• High winds</li> <li>• Wildfires</li> <li>• Extreme heat</li><li>• Drought</li> <li>• Agricultural disease &amp; pests</li><li>• Emergency diseases</li></ul>	<ul style="list-style-type: none"><li>• Power disruptions &amp; blackouts</li><li>• Nuclear power failures</li> <li>• Biological weapons</li><li>• Chemical spills</li><li>• Explosions</li> <li>• Cyber attacks</li>  <li>• Hazardous materials</li><li>• Radiological emergencies</li>  <li>• Civil unrest</li></ul>

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	Natural	Man-Made
Acute	<ul style="list-style-type: none"><li>• Earthquakes</li><li>• Tornadoes</li><li>• Landslides &amp; debris flow</li> <li>• Floods &amp; flash floods</li><li>• Hurricanes &amp; tropical storms</li><li>• Hail</li><li>• T-storms &amp; lightning</li><li>• Winter &amp; ice storms</li><li>• High winds</li></ul>	<ul style="list-style-type: none"><li>• Power disruptions &amp; blackouts</li><li>• Nuclear power failures</li> <li>• Biological weapons</li><li>• Chemical spills</li><li>• Explosions</li> <li>• Cyber attacks</li></ul>
Chronic	<ul style="list-style-type: none"><li>• Wildfires</li> <li>• Extreme heat</li><li>• Drought</li> <li>• Agricultural disease &amp; pests</li><li>• Emergency diseases</li></ul>	<ul style="list-style-type: none"><li>• Hazardous materials</li><li>• Radiological emergencies</li> <li>• Civil unrest</li></ul>

**Sustainable  
Development (n.):**

Development that meets the needs of the present without compromising the ability of future generations to meet their own needs.

~UN World Commission on Environment and Development

**Sustainability often  
has multiple  
benefits:**

- Environmental
- Fiscal
- Social
- Economic

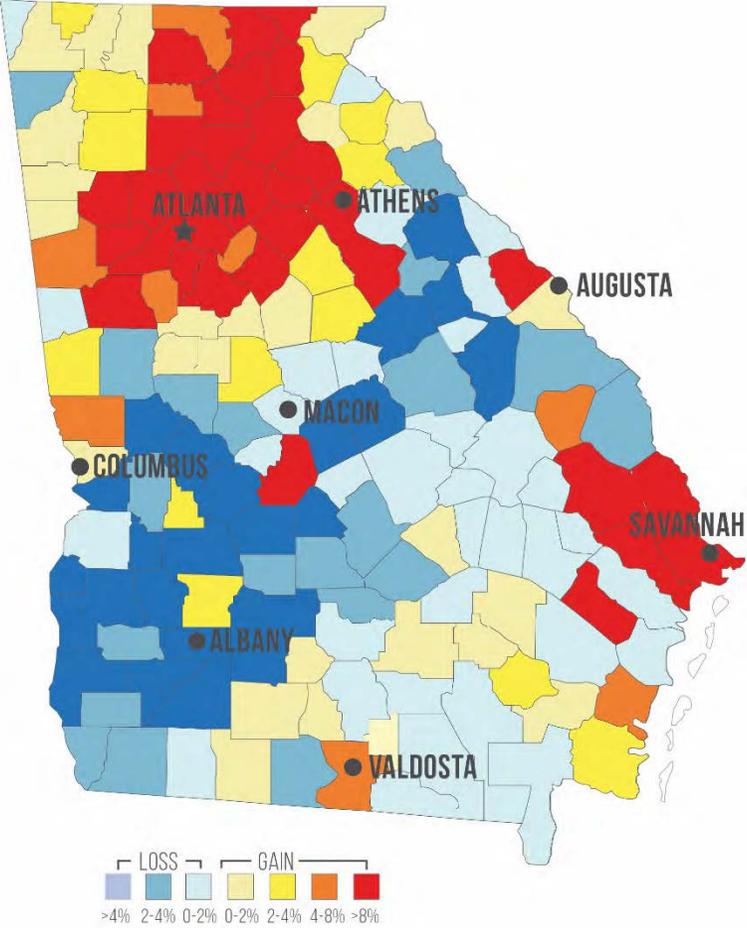
**Sustainability and resilience are different concepts, although sustainable practices can contribute to resilience.**

**A stable community should have both sustainable practices and be resilient.**

Resilience and sustainability efforts in Georgia must consider scale and community type.



83% of Georgia's land is classified as Rural or Non-Metro.



Georgia is growing overall, but some counties are contracting.