Integrating Climate Resilience into Your CEDS

Summertime with the CEDS
July 16, 2020
Many thanks!
Summertime with the CEDS | Summer 2020

Live webinars, pre-recorded presentations, and much more brought to you by the NADO Research Foundation all summer long. Visit www.nado.org and www.CEDSCentral.com to learn more.
Resilience: The ability of a region or community to anticipate, withstand, and bounce back from shocks, disruptions, and stresses including:

- Weather-related disasters or hazards / Impacts of climate change
- The closure of a large employer or military base
- The decline of an important industry
- Changes in workforce / effects of automation
- COVID-19 response & recovery
- Much more...
Economic resilience becomes inclusive of three primary attributes: **the ability to recover quickly from a shock, the ability to withstand a shock, and the ability to avoid the shock altogether.**

**Steady-state initiatives** tend to be long-term efforts that seek to bolster the community or region’s ability to withstand or avoid a shock.

**Responsive initiatives** can include establishing capabilities for the economic development organization to be responsive to the region’s recovery needs following an incident.

Visit: [www.eda.gov/CEDS](http://www.eda.gov/CEDS)
Resilience: What Do the CEDS Content Guidelines Say?

The two-pronged approach to resilience noted above can be included in the CEDS as a separate section. However, resilience could also be addressed by weaving the concept throughout the document.

Regardless of how resilience is included in the CEDS, it is critical for regions to identify vulnerabilities and, where possible, bolster the capacities that may lead to economic resilience as part of regional planning efforts.

Visit: [www.eda.gov/CEDS](http://www.eda.gov/CEDS)
Why **Regional** Resilience?

- Nearby communities often share similar risks/hazards.
- Disaster impacts cross jurisdictional boundaries.
- Communities are interdependent:
  - Vulnerabilities in one community could impact another.
  - Mitigation investments in one community could impact another (positively or negatively).
- Economies are regional in nature.
- Communities can accomplish more when they work together.
Thanks for Joining the Webinar!

- Questions or comments can be submitted via the chat box on the right side of your screen in drop down menu

- A recording of the webinar will be made available soon at www.nado.org & www.CEDSCentral.com

- Upcoming webinars in the Summertime with the CEDS:
  - **July 29** – Regional Resilience for Transportation and Economic Development (part of the virtual National Regional Transportation Conference)
  - **August 6** – Economic Development: Considerations for Change
  - **August 11** – So You Want to Hire a Disaster Recovery Coordinator? Lessons Learned and Best Practices for EDDs

- Please contact Brett Schwartz at bschwartz@nado.org if you have any general questions about NADO RF or the Stronger CEDS, Stronger Regions program
Today's Trainer

Tonya Graham, Executive Director, Geos Institute
Ashland, Oregon
Upcoming Webinars

Register at www.nado.org

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Integrating Climate Resilience into Your CEDS

TONYA GRAHAM, EXECUTIVE DIRECTOR
GEOS INSTITUTE
Geos Institute

Mission: To keep human and natural communities whole in the face of climate change.
Whole Community Resilience

Built Systems

Human Systems

Natural Systems

Economic Systems

Cultural Systems
Weather and climate
Greenhouse gases – why we love them
Historic – 280 ppm  Safe – 350 ppm  Current – 416 ppm

**Black:** Other Gases  **Orange:** Carbon Dioxide
Call on governments to reduce greenhouse gas emissions by 45% by 2030
What climate-related changes are you seeing in your community?
Shocks and Stressors

- Chronic long-term impacts – heat, drought, flooding
- Major disturbances – severe storms, 500-year floods, wildfire
- Both must be incorporated into CEDS processes
What is Resilience?

- Bouncing back – or bouncing forward?
- Resistance – staying out of trouble in the first place
How to Integrate Resilience

• Understand future climate conditions
  • Existing climate projections
  • State level resources
  • Local universities
  • We can help

Number of days per year above 100º F in Austin, TX
How to Integrate Resilience

• Assess those changing conditions in relation to existing economic anchors in your community
  • Workshops
  • One-on-one conversations
  • Surveys
• Develop strategies to adapt
How to Integrate Resilience

• Develop new economic development initiatives with these future conditions in mind
  • Will this initiative work now and in the future?
  • Is there anything else that will change?
  • Should local renewable energy be a major element?
• Consider resilience planning for businesses
Added Benefits

• Can help local businesses realize the importance of their own resilience planning

• School districts, local government, and other entities can build their climate resilience plans based on your future climate projections
7 STEPS Whole Community Planning

1. Launch the Project
2. Assess Past and Future Trends
3. Identify and Prioritize Vulnerabilities
4. Develop and Prioritize Resilience Strategies
5. Finalize and Share the Plan
6. Implement the Plan
7. Monitor and Reassess
Climate Ready Communities

• Step-by-step guide available for download at no cost
• Step 2 discusses climate change science and projections
• Workshop planning guidance
Climate Ready Communities

- Support Package
  - Tutorials and templates
  - One-on-one consulting hours
  - Regular webinars
  - Online forum
  - Subscriber portal
Climate Ready Communities

• Additional Services
  • Local climate projections
  • Workshop facilitation
  • Report writing
  • Webinars on resilience-related topics
  • Consulting hours

Number of days per year above 100º F in Austin, TX
Climate Ready Communities

Questions?
Contact Us

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