



Background

The Colorado State Legislature passed House Bill 23-1237 in May 2023, tasking the Natural Hazards Center with conducting a study to:

- Assess the state of emergency communications in Colorado.
- **Identify gaps** in access and inclusion.
- Identify best practices for developing and distributing inclusive alerts.
- **Provide actional recommendations to** improve these communications for people with limited-English proficiency (LEP) and people with disabilities.

Methods

To address these gaps in knowledge, our team conduced a mixed-methods study where we:

- Gathered best practices for inclusive emergency alerts through a systematic literature review.
- Surveyed emergency response **personnel** who provide alerts to Colorado communities.
- Held a series of partner meetings with the following groups:

-Emergency Response Professionals

- -Alert Provider Companies
- -News Reporters
- -Community Advocates
- -Elected Officials

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Inclusive Emergency Alerts: **Recommendations for Language and Disability Access**

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Deliverables and Publications

- A final report on the study in both English and Spanish. Journal articles:
 - "Barriers and Best Practices for Inclusive Emergency Alerts and Warnings." International Journal of Disaster Risk Reduction, DOI: 10.1016/j.ijdrr.2025.105581.
 - "Inclusive Emergency Alerts: Are Agencies Ready, Willing, and Able?" Natural Hazards Review.
 - "Research as Part of the Legislative Process." In process.

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Recommendations

People

- Hire state-level language access personnel.
- Develop formal relationships with LEP and disability communities.

Practices

- Adopt a centralized alerting system and standardize practices.
- Create and distribute language and disability access resources.

Funding

- Support research in inclusive practices.
- Secure funding to support inclusive alerts.

Implications

- Policymakers in Colorado can address the gaps in receiving alerts in Colorado.
- This research shows the need for future research directly engaging with LEP populations and people with disabilities, such has hosting focus groups or surveying different populations.

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Project Report SPANISH

