

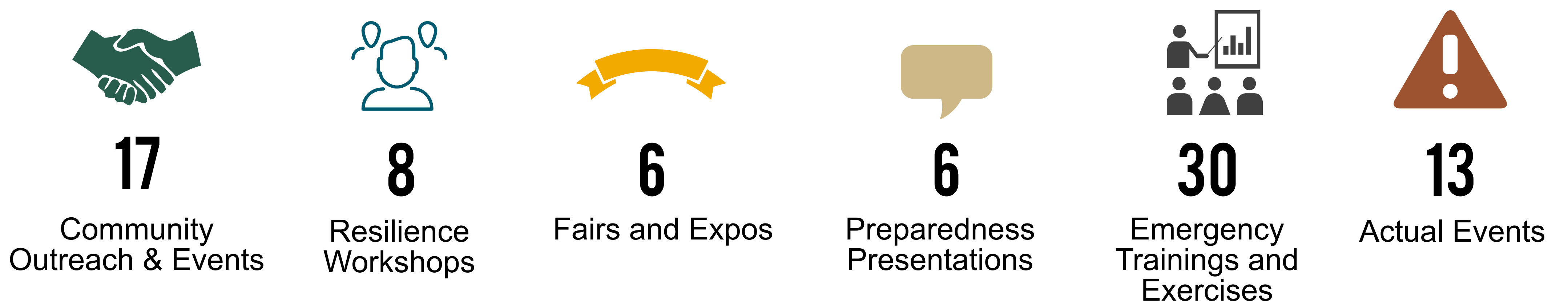
2018 YEAR IN REVIEW

PHASES OF EMERGENCY MANAGEMENT



The Larimer County Office of Emergency Management was formed in 2014. A solid foundation is in place, with a Comprehensive Emergency Management Plan, a training and exercise program, a robust community outreach program, and the development of the Emergency Operations Center to support to the larger community. Emergency Management works behind the scenes, meeting with partners and agencies to build programs and services that meet county needs. Inside are major accomplishments and achievements from 2018.

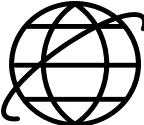


EMERGENCY MANAGEMENT BY THE NUMBERS





CONTACT US



Office of Emergency Management

 www.larimer.org/emergency
 @LarimerCountyOEM
 @LarimerOEM

Larimer Connects

 @LarimerConnectsCO
 @LarimerConnects



PREPAREDNESS

- In partnership with the Department of Homeland Security, Idaho National Labs, City of Fort Collins and the Colorado Department of Local Affairs, developed a tool to identify critical infrastructure, determine redundant systems and interdependencies, and map cascading effects of systems failures.
- Created a new situational awareness tool called ARGOS, (See Awards and Accolades) which allows for greater visual awareness before, during and after disasters regarding a number of data sets, including weather monitoring, stream and rain gauges, traffic cameras, fire history, and more all in one geospatial tool.
- Expanded the current resource database to include private and public-sector partners, supplies and resources, as well as critical infrastructure contacts for dams, water/wastewater, gas, electricity, and transportation systems.
- Created 14 Podcasts for Community Preparedness, which are now available through the local radio station KRFC.



Scan this QR code to listen to our **Chaos Compilation** playlist on Spotify



Planning Efforts

Additions to the Comprehensive Emergency Management Plan

- Created a multi-jurisdictional Mass Gathering Plan to better plan across jurisdictions for special events and mass gatherings in the county.
- Created a Mass Victim Response Plan in partnership with law enforcement, victim advocates and the District Attorney's Office to better manage those affected by any event that causes mass victims.
- Developed a Cultural Competency Checklist and an Americans with Disabilities Act Checklist for the Comprehensive Emergency Management Plan, expanding our whole community approach to emergency planning
- Developed the Continuity of Government Plan, detailing how Larimer County will ensure operations continue without disruption during emergencies and disasters

INTERNSHIP SPOTLIGHT

Larimer Office of Emergency Management hosted two interns in 2018 in partnership with the Department of Human Services and CSU. Alexandria Fisher spent the summer working with OEM and Ashley Baugh started in August and will work into 2019. Both are working jointly on a project to build cultural competency in Larimer County by creating a Program that provides input, advice and connections from key populations all over Larimer County. The output of this project will be a Program Plan that allows county personnel to develop cultural competency during emergencies as well as in all areas of work at Larimer County.



Alexandria Fisher



Ashley Baugh

MITIGATION

RESPONSE



Rain gauge on US HWY 34 at Big Thompson Canyon

- The Engineering Department completed implementation of a stream and rain gauge monitoring system for the Big Thompson River and began work on the system for the Little Thompson and Cache la Poudre Rivers ensuring countywide monitoring along all major waterways
- Supported the Big Thompson Watershed Coalition and the Coalition for the Poudre River Watershed with funding for wildfire mitigation efforts
- Fully implemented the Larimer Connects Project as part of the hazard Mitigation Plan and the Resilience Framework.
- Continued efforts to build in mitigation and resilience to built infrastructure and 2013 flood projects.



Response Efforts

- Provided support to Albany County Wyoming for the Badger Creek Wildfire, which was near the Larimer County line. We set up the big fans and were able to keep the fire in Wyoming!
- Activated the Emergency Operations Center and provided support for the Seaman Wildfire, approximately 12 miles northwest of Fort Collins and a half mile north of Colorado Highway 14 by the Seaman Reservoir.
- Deployed Larimer OEM Staff to La Plata County to assist with wildfire response and recovery efforts for the 416 Wildfire.
- Activated the Emergency Operations Center to coordinate information and support the Larimer County Clerk's Office with the November elections.
- Activated the Emergency Operations Center for high-profile events at CSU to support incident operations.
- Provided ongoing support throughout the summer regarding large special events such as the Arise Music Festival, bike races, marathons and the Larimer County Fair.



Seaman Wildfire

RECOVERY

Accomplishments & Projects

- 50 total infrastructure projects under the FEMA Public Assistance Program.
 - 47 Public Assistance Projects completed and closed out in 2018 and 3 projects complete but not closed out. Larimer County only has 3 projects remaining that are still under construction. These projects include CR 44H (Buckhorn), CR 47 (Big Elk Meadows) and the Big Thompson Bridges.
- In partnership with the Colorado Resiliency and Recovery Collaborative:
 - Developed and passed legislation in Colorado to update the Colorado Disaster Emergency Act to include recovery operations. Specifically added an Executive Policy Group to assist local jurisdictions with the coordination of disasters.
 - Furthered the development of Recovery Teams to assist local jurisdictions with local, state and federal requirements. Deployed many of these people to the wildfires in southern Colorado this year as a beta test.
- Deployed to Costilla County to meet with leadership to assist with wildfire recovery efforts. Provided input to FEMA on the new Just-in-Time Recovery Curriculum they are developing nationally for local jurisdictions.

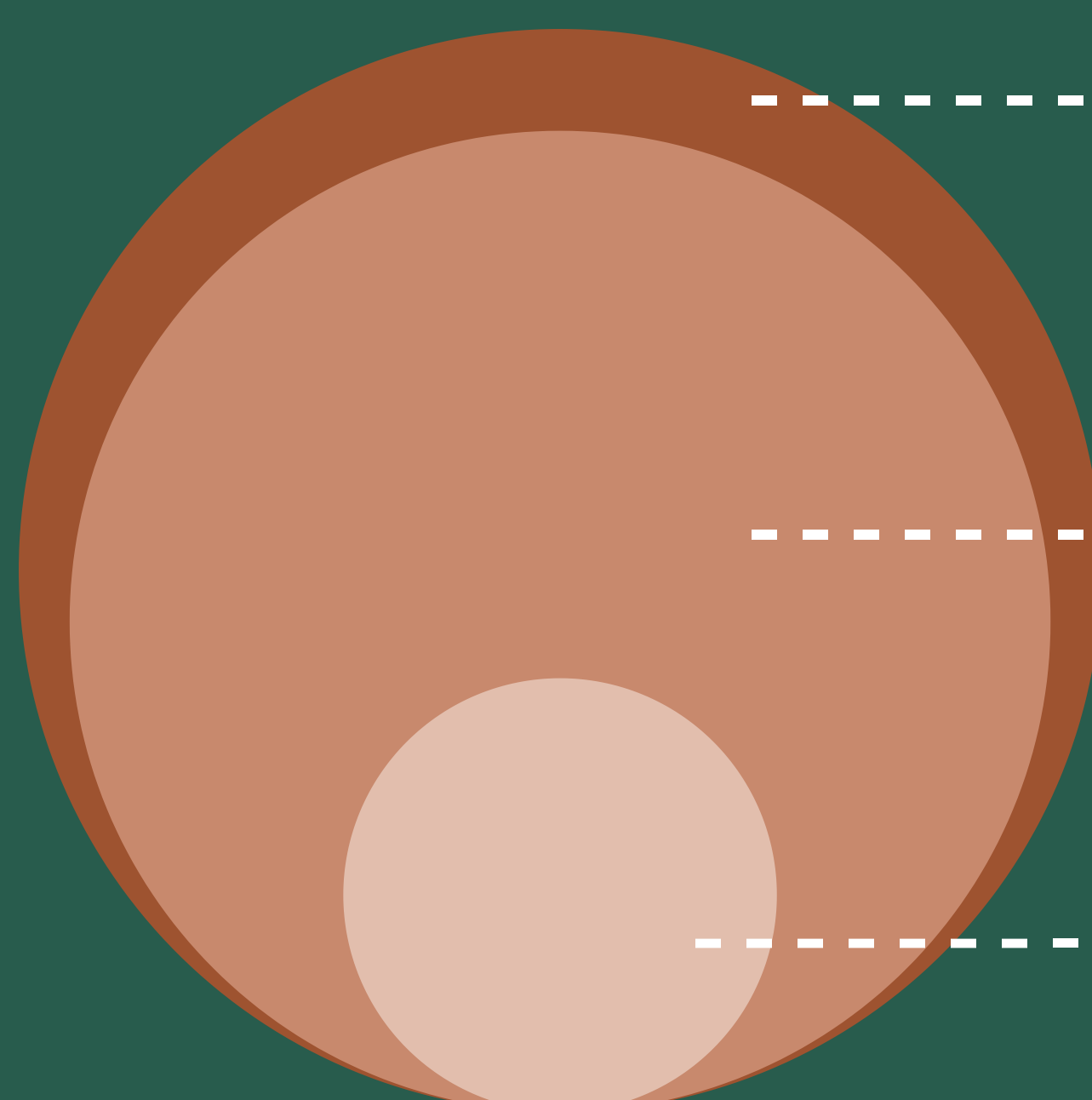


5 YEAR FLOOD ANNIVERSARY FIRST RESPONDER APPRECIATION LUNCH



5 year flood anniversary first responder appreciation lunch

FLOOD RECOVERY SUMMARY



\$105,854,124

Estimated Damage Costs

\$87,012,006

Current amount spent by various entities

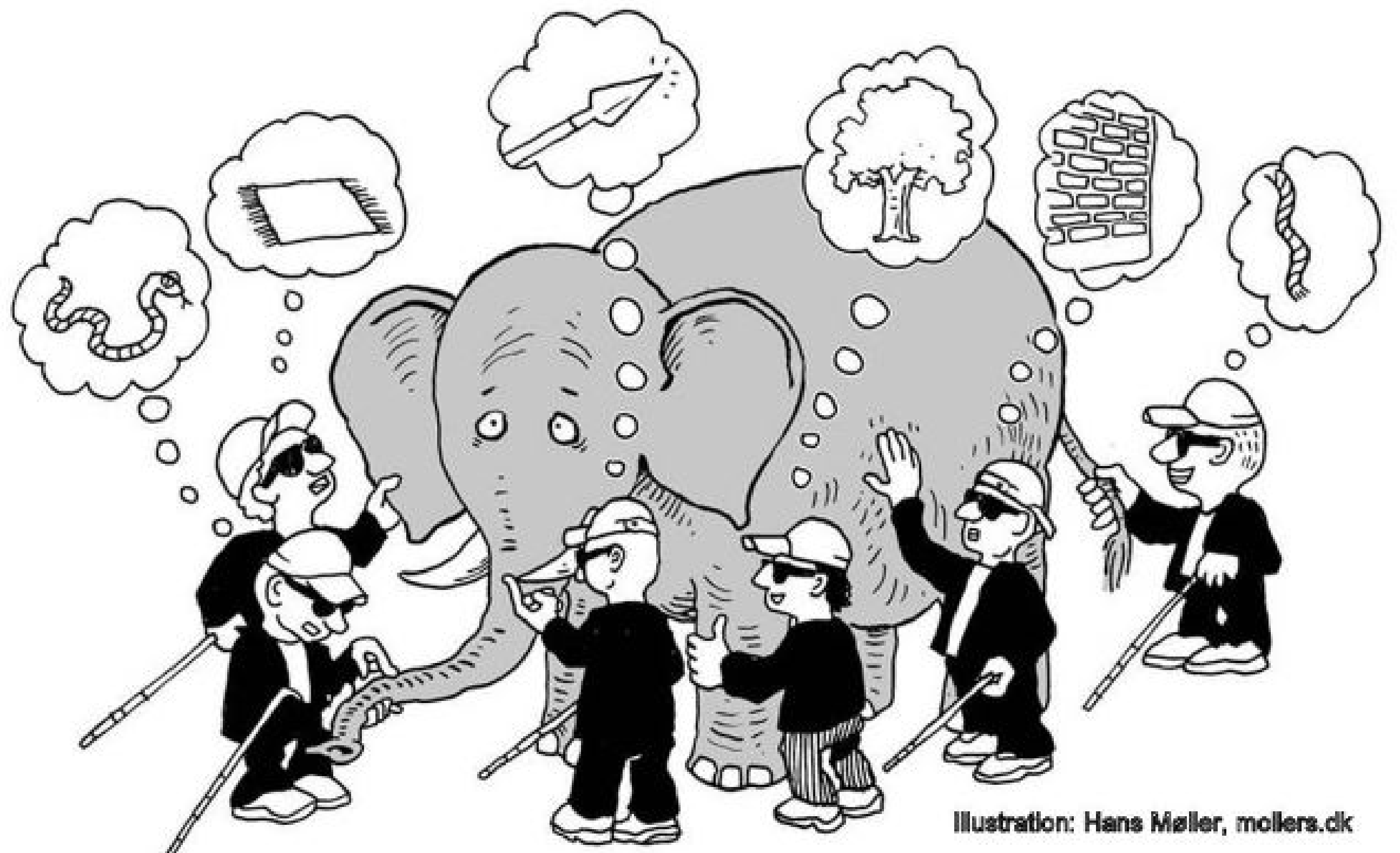
\$16,895,167

Amount Larimer is Likely to Spend



RESILIENCY

- Strengthened the Larimer Connects Program by building community hubs throughout Larimer County and by partnering with the Amateur Radio Emergency Services volunteer group to ensure redundant communications in each community
- Partnered with the Community Development Department to provide input to the new Larimer County Comprehensive Plan, ensuring that resiliency is built into planning
- Assisted in drafting legislation in the Colorado Legislature to create the Colorado Resiliency Office within the Department of Local Affairs
- Began work towards an updated Resilience Framework by working with health, social, economic, community, environmental, housing and transportation sectors through the use of a visual tool called Elephant Builder.



The Elephant Builder is a collaborative planning and solution-finding tool. Here's what it does:

1. Elicits knowledge and expertise from members of your community or organization
2. Synthesizes their inputs into a causal system model
3. Mines that model for general insights—and specific, actionable policy recommendations and priorities
4. Helps you to communicate those recommendations to stakeholders in simple, interactive shareable graphics

ELEPHANTBUILDER

a project of Bellwether Collaboratory



AWARDS & ACCOLADES



Colorado Disaster Act Legislation

Lori Hodges, Director of Emergency Management, assisted in drafting and passing legislation to update the Colorado Disaster Emergency Act to include recovery, establish the CO Resiliency Office and to create a Policy Group to assist local governments during and after disaster.



Disaster Bill Signing with Governor Hickenlooper

Emergency Management Academy Graduation

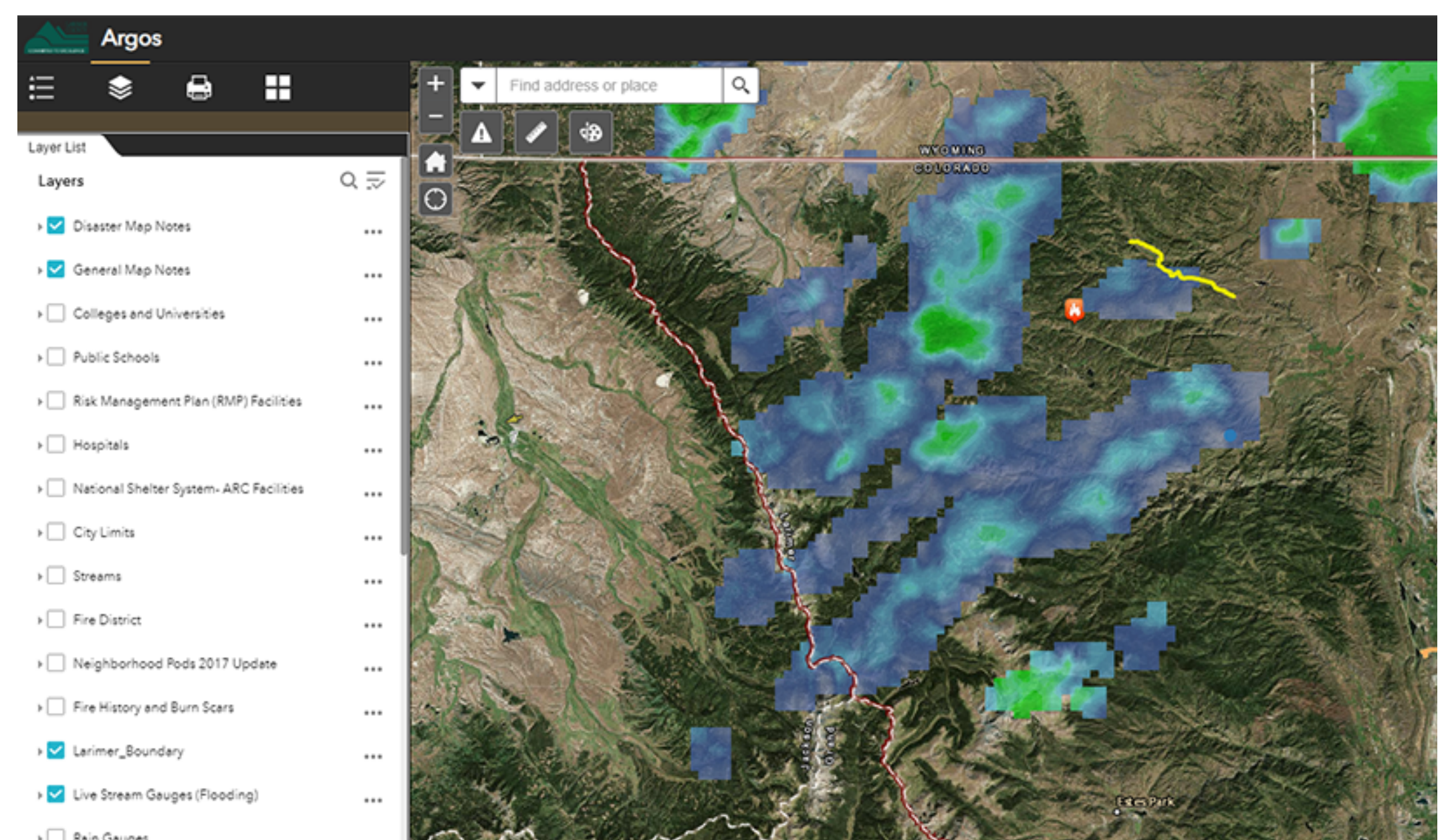
Kohl Parrott and Shayle Sabo from the Office of Emergency Management both graduated from the Colorado Emergency Management Academy, proving they know their stuff and are now ready to dazzle us all with their new-found knowledge.



(R) Shayle Sabo and (L) Kohl Parrott with Colorado OEM Director, Mike Willis.

Argos wins Emergency Management Solutions Challenge Award

Kohl Parrott developed a robust situational awareness tool called Argos which won the the ESRI Emergency Management Solutions Challenge Award. This tool utilizes ArcGIS data layers to provide real-time situational awareness regarding weather and hazard impacts in Larimer County. We can see everything from wildfires to lightning strikes in this tool, which better allows us to make informed decisions. The tool was aptly named "Argos" after hundred-eyed giant, Argos Panoptes from Greek Mythology. Much like the name implies, this tool allows us to truly be "all-seeing!"



Argos is a useful situational awareness tool used by the Office of Emergency Management and partners across the state.

North 40 Mountain Alliance Grant

The North 40 Mountain Alliance, sponsored by the Red Feather Lakes Library, was awarded a \$100,000 grant from EBSCO Information Services. The grant will allow the Red Feather Lakes Library to obtain solar power, enabling the library to be self-sustainable and independent from the power grid with backup power during an emergency event or power loss so electricity and internet connectivity is sustained.



North 40 Mountain Alliance receiving grant from EBSCO