Denver Special Events
Safety Workshop
Welcome to the 2019 Special Events Safety Workshop

Katy Strascina
Denver Office of Special Events
Executive Director
Overview of Special Event Risks

Ryan Broughton
Denver Office of Emergency Management
Executive Director
City & County of Denver Community Profile

- “Mile High City” (5280ft)
- 2016 “Best Place to Live”
- $180B metro economy (~Greece)
- 155 square miles (249 km²)
  - Plus 14,000 acres of Mountain Parks
- Geographic Isolation
  - Largest city in 500 mile radius
City & County of Denver
Community Profile

- 704,621 residents
  - 19\textsuperscript{th} Largest U.S. City
  - 1M daytime population
  - 32.5M annual visitors
  - 2.8M in Denver Metro
  - 3.4M in Denver CSA
  - 32% speak English as second language
- 78 Neighborhoods
- 11 Council Districts

\textit{Denver Residents = 12\% of State population}
\textit{Denver Workday = 17\% of State population}
\textit{Denver UASI = 49\% of State population}
\textit{North Central All-Hazards Region = 61\% of State population}
City & County of Denver Community Profile

- 67,500 businesses
- Denver International Airport
  - 5th Busiest U.S. Airport
  - 20th Busiest World Airport
  - 61.4 million passengers in 2017
  - 2.59M international passengers
- Denver Mountain Parks
  - Red Rocks Park
  - Winter Park Resort
• 700+ Special Events in public spaces annually
  – Races/Marathons
  – Parades/Marches
  – Festivals
  – Cycling Events
  – Denver Parks Events
City & County of Denver
Emergency Management Strategy

Mission: Leading Denver’s emergency management efforts to cultivate safe, safe, prepared, and resilient communities.

Vision: To become a National model in shaping and sustaining the culture of preparedness throughout the whole community.

IC-STARS Core Values

- Integrity
- Collaboration
- Service to Customers
- Teamwork
- Accountability and Ethics
- Respect for Self and Others
- Safety

Strategic Goal 1.0: Common Mission Area
- Strategic Objectives 1.1-1.5
- Implementation Strategies 1.1.1-1.5.2

Strategic Goal 2.0: Prevention/Protection Mission Area
- Strategic Objectives 2.1-2.2
- Implementation Strategies 2.1.1-2.2.1

Strategic Goal 3.0: Mitigation Mission Area
- Strategic Objectives 3.1-3.4
- Implementation Strategies 3.1.1-3.4.2

Strategic Goal 4.0: Response Mission Area
- Strategic Objectives 4.1-4.5
- Implementation Strategies 4.1.1-4.5.1

Strategic Goal 5.0: Recovery Mission Area
- Strategic Objectives 5.1-5.2
- Implementation Strategies 5.1.1-5.2.1

Strategic Goal 6.0: Continuity Mission Area
- Strategic Objectives 6.1-6.4
- Implementation Strategies 6.1.1-6.4.1

Strategic Goal 7.0: Program Administration Mission Area
- Strategic Objectives 7.1-7.2
- Implementation Strategies 7.1.1-7.2.1

Critical Success Factors

- Planning
- Organizing
- Equipping
- Training
- Exercising
- Evaluating
- Funding
HIGH RISK
Disease Outbreak / Bioterrorism | Hazardous Materials Incident | Terrorism | Flooding (Dam Failure) | Destructive Weather | Utilities Interruption or Failure

MEDIUM RISK
National State of Emergency | Earthquake | Fire (Structural, Industrial, Wildland) | Active Shooter | Aviation Incident | Cyberterrorism | Drought

LOW RISK
Civil Unrest | Ground Subsidence and Sinkholes | Agricultural Disease Outbreak | Cyber Crime | Nuclear Weapon Accident or Incident
Special Event Risk Management

- Special event planning should address risks specific to the venue(s) and to the event as a whole

**Event-specific Risks**
- Traffic Congestion/Collisions
- Cyber Crime
- Criminal Activity
- Utilities Interruption/Failure
- Destructive Weather (wind, hail)
- Extreme Temperatures (heat, cold)
- Structural Collapse (temp structures)
- Fire (Structural, Interior)
- Food-borne Disease
- Intentional Threats (shooting, attack)
- Civil Unrest
- Earthquake

**Denver-wide Risks**
- Disease Outbreak
- Hazardous Materials Incident
- Acts of Terrorism
- Flooding
- Destructive Weather
- Utilities Interruption/Failure
- National State of Emergency
- Earthquake
- Fire (Structural, Industrial, Wildland)
- Active Shooter
- Aviation Incident
- Cyberterrorism
City & County of Denver Emergency Management Planning

City and County of Denver Office of Emergency Management (OEM) Family of Plans

- Code
- Policy
- Ordinance & Codes
- Emergency Management Policy
- EMSC
- EPC
- LEPC
- Steering Committee
- Planning Committee
- LEPC

- Strategy
- Business
- Continuity
- EOP
- LHMP
- Prevention
- Regional Frameworks
- Strategic Plan
- Business Plan
- Continuity Plans
- Emergency Operations Plan
- Local Hazard Mitigation Plan
- Prevention Strategy
- Regional UASI Frameworks

- Training & Exercise
- Comm Prep
- NIMS
- SOPs
- Guides
- Manuals
- Logistics
- TICP
- Recovery
- Multi-Year Training & Exercise Plan
- Community Preparedness Plan
- NIMS Compliance Plan
- Emergency Logistics Plan
- Tactical Interoperable Communications Plan
- Recovery Plan
Special Event Emergency Planning

- Special event planning should address special event processes to support prevention and response.

**Event-specific Planning**
- Venue/Event Risks
- Management Process
- Staff Contact Information/Process
- Delay or Cancellation Authority
- Warning Process for Participants
- Public Information Process
- Screening and Physical Security
- Cybersecurity Activities
- Crime Prevention/Deterrence
- Coordination with Law Enforcement
- Medical Response at Event
- Post-Incident Activities & Clean-up

**Denver-wide Planning**
- Laws & Authorities
- Planning Responsibilities
- Concepts of Operation (CONOPS)
- Department/Agency Functions
- Annexes for Public Info & Warning, Prevention, Mitigation, Response, Recovery, & Continuity capabilities
- Appendices for each Risk
City & County of Denver
Emergency Management Capabilities

- FEMA Core Capabilities
  - 32 Core Capabilities across five mission areas:
    - Prevention
    - Protection
    - Mitigation
    - Response
    - Recovery
  - Plus 2 Capabilities unique to Denver:
    - Continuity
    - Program Administration
Each capability requires:
  - Planning
  - Organization
  - Equipment
  - Training
  - Exercises & Evaluation

POETE Model
• Community Preparedness
  – Community Outreach (Social Media, Print/TV Media, Web)
  – PREP (Prepare, Respond, Prevent) Outreach Training
  – CERT (Community Emergency Response Team)
  – Local Emergency Planning Committee (LEPC) Outreach
  – Ready.gov

“See Something, Say Something, Do Something”
City & County of Denver
Preparedness Concepts

• Business Preparedness
  – Business and Private Industry Outreach
  – Special Events Outreach
  – Local Emergency Planning Committee (LEPC) Outreach

• Employee Preparedness
  – Denver Ready Campaign

“See Something, Say Something, Do Something”
• Warning Systems
  – Outdoor Warning System (86 sirens)
  – Emergency Notification System (phone/text/email/social media)
  – Reverse911 System (phone/text/email)
  – Integrated Public Alert & Warning System (text/radio/TV)
City & County of Denver
Emergency Operations Center (EOC)

- 74-position EOC for Multi-Agency Coordination
- 18-position Joint Information Center (JIC) for Emergency Public Information
- Supporting Departmental Ops Centers (DOCs)
- Continuity Programs and Critical Infrastructure Protection
- 11 Disaster District Offices (DDOs)
- 11 Logistics Staging Areas (LSAs)
- 100 Commodities – Points of Distribution (C-PODs)
- 40 Pharmaceutical – Points of Dispensing (P-PODs)
- 100 Mass Care Shelters
Elements of an Effective Special Events Emergency Action Plan

David Powell
Denver Office of Emergency Management
Planning Coordinator
Planning Can’t be Done Alone

- Event staff
- Vendors and Contractors
- Fire, Police, and EMS
- National Weather Service
- Emergency Management
- Public Works/Solid Waste
- Parks and Recreation
Part 1: Describe your Event

- What are you hazards?
- How many people?
- Indoor/outdoor?
- Fenced in or open?
- In what type of space will it occur?
- Alcohol?
- Date/time?
- Activities occurring?
- Any law enforcement concerns?
Take Time to Assess your Needs

- Do you need additional medical equipment or personnel?
- What level of security is needed?
- What are your sanitation needs?
- Do you need loud speakers?
- Do you need fencing or barricades?
- Do you need to provide hydration?
- Don’t forget those with access and function needs!
Part 2: Assign Responsibilities

- Be specific!
- Don’t make assumptions
- Make sure everyone knows their role
- Include a directory with names, titles, and contact information
- Ensure there is a clear chain of command
- Who is the main contact for responders?
- Everyone’s responsibility is safety and situational awareness
Part 3: Set Procedures Beforehand

- Where is the command post?
- Where are first aid, lost child, hydration, and egress locations?
- What is the family reunification process?
- When will you cancel/close the event?
- What weather thresholds will be in place?
- How will you communicate with attendees, staff, and the Media?
- Pre-scripted messaging that includes:
  - What is the hazard
  - How will it affect the attendees
  - Exactly what attendees should do to protect themselves
Part 4: Communications

• List all the radio channels, phone numbers, and methods of communication
• What is each communication method used for?
• How will responders communicate with event staff?
• Do you have enough communication bandwidth for regular event communication and emergency communication?
Part 5: Map

- Map must be detailed
- Where will each booth be set up?
- Include AED, first aid, command post, shelters, etc.
- Identify paths for emergency vehicles
- Identify egress points
- If someone called 911 from anywhere in the event footprint and described the surrounds, would a 911 dispatcher be able to look at your map and know exactly where to send help?
Overview of New Event Medical Plan Requirements

Bill Benerman
Denver Department of Public Health and Environment
Public Health and Environment Manager

James Robinson
Denver Health, Paramedic Division
Assistant Chief
Rules and Regulations

• Effective 12/13/18

• One year grace period (all of 2019)

• Establishes emergency medical requirements coordination at public events held on public property

• Define the emergency medical requirements for special events of a certain size

• Key requirement is the development is the development of a Health and Medical Plan (HMP) – submit 30 days in advance

• A HMP template is provided in the Rules and Regulations
Health and Medical Plans

• At minimum, final HMP’s shall include the following elements:
• Event Size and Type
• Nature of the Event – identify the type of activities at the event
• Estimated Participant Numbers
• Onsite Medical Coverage and Assets
• Communications plan
• Ingress and Egress
• Environmental Considerations - weather, shade or cooling stations, water available, etc.
## Tiered Requirements

*Please note that these requirements may vary depending on dynamic factors of the event.*

<table>
<thead>
<tr>
<th>Event Characteristics</th>
<th>Recommended Medical Providers and Assets</th>
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<tr>
<td>Estimated Total Attendees</td>
<td>Communications Coordinator&lt;sup&gt;1&lt;/sup&gt;</td>
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<tr>
<td>&lt;2,500</td>
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<tr>
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<tr>
<td>50,000+</td>
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</tbody>
</table>
Event Security Considerations

Jamie Richards
U.S. Department of Homeland Security
Protective Security Advisor
Severe Weather Considerations

Greg Hanson
National Weather Service
Warning Coordination Meteorologist
Weather Situational Awareness

- Designate someone as “weather watcher”
  - Monitor forecast and current weather conditions
- Have a plan
  - What kind of weather will cause implementation & safety issues?
  - How will you monitor weather?
  - What are your thresholds to take action?
  - How will you alert staff & participants
  - What actions will you take to seek shelter, evacuate, cancel?
    - How long will it take?
Terminology

• **Outlook**
  – Hazardous weather possible in the coming days

• **Watch**
  – Hazardous weather possible today
  – More Detailed location

• **Warning**
  – Hazardous weather imminent
  – >1” Hail, Damaging Wind, Tornado

• **Advisory**
  – Significant weather imminent
  – Heavy rainfall, small hail, gusty wind
Lightning

- Lightning is not Severe
- No NWS warning for non-severe thunderstorm
- You are at risk if you see lightning, hear thunder
- 8 mile radius around venue
- No place outside is safe
- Recommend reach shelter in 3 minutes
Week prior to your event

• Monitor Forecasts
  – Internet (www.weather.gov/denver)
  – Television & Radio
  – Private meteorological services
  – Social Media
  – NOAA Weather Radio
  – Mobile & Apps
www.weather.gov/BOU (or /Denver)
www.weather.gov/BOU (or /Denver)

Hazardous Weather Outlook

...Winter Weather Advisory for the central and northern Mountains tonight through Saturday afternoon...

This hazardous weather outlook is for northeast and north central Colorado.

...DAY ONE... Today and Tonight

Periods of light snow will continue in the mountains today and then become more widespread and heavier tonight. Accumulations of 3 to 6 inches with locally up to 8 inches will be possible by late tonight. Winds will gradually increase today and tonight over the mountains and foothills with gusts from 30 to 70 mph at times especially this afternoon and evening. Areas of blowing snow will occur over the higher passes reducing visibility over the higher mountain passes especially tonight with poor travel conditions expected overnight.

Across northeast Colorado there will be a chance of rain showers tonight as a weather disturbance moves across. Meanwhile gusty west to northwest winds are expected this afternoon with gusts up to 40 mph near the foothills and along the Wyoming border.

...DAYS TWO THROUGH SEVEN... Saturday through Thursday

A series of weather disturbances will bring bouts of mountain snow and gusty winds through the middle of next week. The heaviest snow is expected to fall in the mountains Saturday morning and again late Sunday into Monday. If you are traveling into the Colorado high country this weekend be prepared for hazardous winter travel conditions including snowpacked roads and reduced visibility in snow and blowing snow. A break in the snow is expected Saturday night through early afternoon Sunday. There will also be gusty winds at times over the mountains and foothills with peak gusts reaching 40 mph at times.

The plains will see mainly dry conditions, seasonal temperatures, and gusty winds at times. Expect strong northwesterly winds on the plains Saturday afternoon with gusts up to 50 mph possible. A few rain and snow showers will be possible on Saturday, and again Sunday night through Monday. The Sunday night and Monday disturbance may bring some snow accumulation to portions of the plains.

...SPOTTER INFORMATION STATEMENT...

Spotters activation will not be needed today or tonight.
www.weather.gov/BOU (or /Denver)

Winter Weather
For today, NH flow aloft will gradually increase thru the airm with varying amounts of moisture embedded in the flow. Overall warm air aloft remains thru much of the day so despite favorable trajectories below snow amounts will stay on the light side in the air. Meanwhile, sig low pres will intensify from the eastern CO thru the day which will lead to a descent thru the lower levels of the atmosphere. As a result will see some upper level air eventually spread from the higher terrain across the plains by early airm. As for temps, with developo winds in place, this will lead to even warmer highs across from 70° to high 70s generally in the lower to mid 80s. Finally can’t completely rule out a few airm showers near the NV-WY border area due to favorable lapse rates.
NOAA Weather Radio

- Tone Alert
  - Alerts when warnings issued

- SAME Encoding
  - Set for your county only to filter alerts for other areas

www.weather.gov/nwr
On your smart device

• mobile.weather.gov
• Commercial apps
The Day of the Event

• https://www.weather.gov/bou/DenverMetro
• Keep updated on latest forecast
• Monitor watches/warnings advisories from the NWS
• Monitor radar
  – https://radar.weather.gov/
• Communicate!
The Power of Pre-Notification

• If a risk exists, provide information
• Familiarize with procedures
ENHANCING SAFETY & SECURITY AT SPECIAL EVENTS

FEBRUARY 2019

PRESENTED BY
CELL
COUNTERTERRORISM
EDUCATION
LEARNING LAB
HOW CAN WE BALANCE SAFETY AND THE FAN EXPERIENCE?

HOW CAN WE INCREASE SECURITY AND MANAGE RISK WITHOUT ADDING RESOURCES AND COSTS?
A critical prevention and preparedness training that enhances community safety and security.

COMMUNITY AWARENESS PROGRAM® (CAP®)
Trains personnel, volunteers, contractors and others how to **identify and communicate the risk of terrorism and criminal activity** to the appropriate law enforcement channels while preserving civil liberties.

- Provides a **clear understanding of suspicious indicators**
- **Increases trust**, enhances information sharing and the quality of reporting
Champions for Safety at Special Events

- Uplifting, engaging, motivating
- What suspicious behaviors are likely to happen
- Impersonation, Perimeter security, Open air threats
THE WIN

- Hardened security through network of empowered staff, vendors and volunteers
- Achieved the force multiplier effect
ACCREDITIONS & AWARDS

- DHS/Department of Justice (DOJ)
  Best Practice

- DHS/FEMA
  National Training and Exercise Division Approved

- IACP Leadership in the Prevention of Terrorism Award

- IACP Outstanding Community Policing Award

- POST Certified
  Peace Officer Standards and Training (POST)
The CAP is certified as a **Qualified Anti-Terrorism Technology (QATT)** by the **U.S. Department of Homeland Security (DHS)**

- Provides important liability limitations and protections
DENVER BUSINESS IMPROVEMENT DISTRICT (BID)
DENVER NUGGETS, NBA
DENVER PERFORMING ARTS COMPLEX
DENVER POLICE DEPARTMENT
DENVER PRIDEFEST
DENVER PUBLIC SCHOOLS
DIGITALGLOBE INC.
DOUGLAS COUNTY SCHOOL DISTRICT
DOUGLAS COUNTY SHERIFF’S OFFICE
DOWNTOWN DENVER PARTNERSHIP
EAGLE COUNTY SHERIFF’S OFFICE
ESPN WINTER X GAMES
ESTES PARK POLICE DEPARTMENT
FIS ALPINE WORLD SKI CHAMPIONSHIPS
FORT COLLINS POLICE DEPARTMENT
FOUR WINDS INTERACTIVE
GLBT COMMUNITY CENTER OF COLORADO
INDIANAPOLIS 500
JEFFERSON COUNTY SCHOOL DISTRICT
KROENKE SPORTS ENTERTAINMENT
LARIMER COUNTY SHERIFF’S OFFICE
MINNEAPOLIS POLICE DEPARTMENT
MINNESOTA TWINS
MLB ALL-STAR GAME
NATIONAL PARK SERVICE
PARKER POLICE DEPARTMENT
SECURITAS SECURITY
SUPER BOWL LII HOST COMMITTEE
TOUR OF UTAH
U.S. BANK STADIUM
U.S. MINT POLICE
UNIVERSITY OF DENVER
USA PRO CHALLENGE
UTAH STATEWIDE INFORMATION & ANALYSIS CENTER
VAIL FIRE DEPARTMENT
VAIL POLICE DEPARTMENT
VAIL RESORTS
VAIL VALLEY FOUNDATION
WESTERN UNION

SPECIAL TEAMS
74,100 TRAINED

1,350 INSTRUCTORS

15 EVENT VENUES

55+ MUNICIPALITIES

THE CAP TODAY
Panel Discussion

Ryan Broughton
Denver Emergency Management

Scott Buccieri
Denver Fire Department

Creigh Kelley
Colfax Marathon

James Robinson
Denver Health, Paramedic Division

Sylvia Sich
Denver Police Department

Table Top Exercise/Scenario Based Discussion
Scenario 1: Race Event
Race Background

Saturday, May 18th
Morning

Thousands of spectators have taken positions along the race route
Race Background

Race is staged from Civic Center Park

Thousands of participants are gathered in the staging area for pre-race activities

A mix of hard road closures and rolling road closures are in effect during the race
Race Background

Severe Thunderstorm Watch issued early morning that does not include Denver
Discussion Questions

• How would you want an event organizer to prepare for the safety concerns of this event?

• What considerations need to be included in an emergency action plan?

• What resources could your organization provide to the event organizer as they prepare for this event?
Scenario Update 1

The race has been underway for 30 mins.

Skies darken to the west and thunder is heard in the distance

Severe Thunderstorm Warning is issued for Denver Metro area

West winds of 20-30 mph hit, spreading debris and knocking over lightweight items
Discussion Questions

• How would you want event organizers to react to these changing conditions?
Scenario Update 2

Heavy rainfall and small hail hits the downtown area

Water begins to fill streets and hail size increases as lightning is observed downtown

Lightning strikes a large tree in Civic Center Park that attendees were using for shelter

Several people are knocked to the ground next to the tree and appear to sustain injuries
Discussion Questions

• How would your agency respond to this incident, and what would you need from the event organizer when you arrive on scene?
Audience Questions
Scenario 2: Concert at City Park
Concert Background

Friday, June 14th
7:00 PM

Concert is being held in City Park

Weather is clear and warm
Forecast is for a mild evening

Over 2,000 people gathered for concert
Hundreds more in and around the park
Concert Background

- Traffic in the vicinity is normal for Friday
- Road closures in effect south of concert for food trucks and vendors
- Parking open north of concert venue
Discussion Questions

- In contrast to scenario 1, is there anything different that organizers should consider for this type of event?

- What kind of security, medical, and other emergency staff is needed at an event like this?
Scenario Update

A truck exits the parking lot into the grass north of the pavilion

The truck strikes numerous people and rolls to a stop against a low concrete wall

Multiple suspects exit the vehicle and begin shooting weapons into the crowd
Discussion Questions

• What actions would you need event organizers to immediately take?

• What would you need an event organizer to be able to provide to responding public safety organizations?
Audience Questions
Thank you for Attending!

Denver Office of Special Events

Denver Office of Emergency Management
Presenter Contact Information

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Denver Police Department – Special Events Unit
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