

Phillips County and Communities

Base Level Engineering/Phase 1 Kickoff Meeting

August 17, 2022 @ 8:00 AM



FEMA



COLORADO
Colorado Water
Conservation Board
Department of Natural Resources

Introductions

Community Officials



- **City of Holyoke**
- **Town of Haxtun**
- **Town of Paoli**
- **Phillips County**

State (CWCB)



- **Terri Fead** – Flood Mapping Program Manager
- **Marta Blanco Castaño** – Flood Mapping Program Assistant
- **Doug Mahan** – Community Assistance Coordinator

FEMA



- **Christine Gaynes** – FEMA PM
- **Matt Buddie** – NFIP Program Specialist

CDM Smith

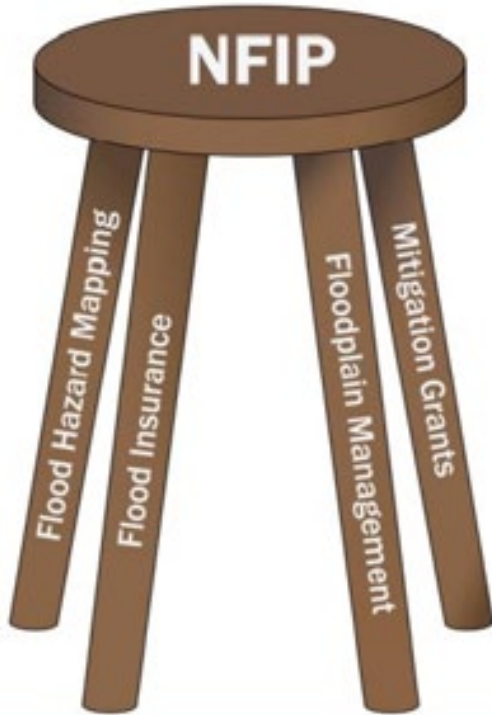


- **Eli Gruber** – Project Manager
- **Mike Schultz** – GIS Lead
- **Travis Gardner** – Project Engineer

Meeting Agenda

- National Flood Insurance Program (NFIP) and Risk Mapping Assessment and Planning (Risk Map) Overview
- Project History in Phillips County
- Project Scope and Goals
- Base Level Engineering (BLE) Overview
- Project Timeline
- Next Steps
- Questions and Discussion

National Flood Insurance Program (NFIP)



- A **voluntary** program based on a **mutual agreement** between the Federal Government and a local community.
- In exchange for adopting and enforcing floodplain management regulations, Federally-backed flood insurance is available **to all** property owners in the community to protect themselves and their property.
- Greater availability of Federal and State grants/loans (including disaster assistance) for NFIP communities.

Flood Risk Studies

- Conducted to determine insurance and floodplain management requirements, and where to focus mitigations and resilience building
- Areas with reduced risk will see insurance discounts

Federal Program

- Overseen by FEMA and Partners
- Managed by Communities
- Insurance requirement enforced by Lenders.

Risk Mapping Assessment and Planning (MAP)

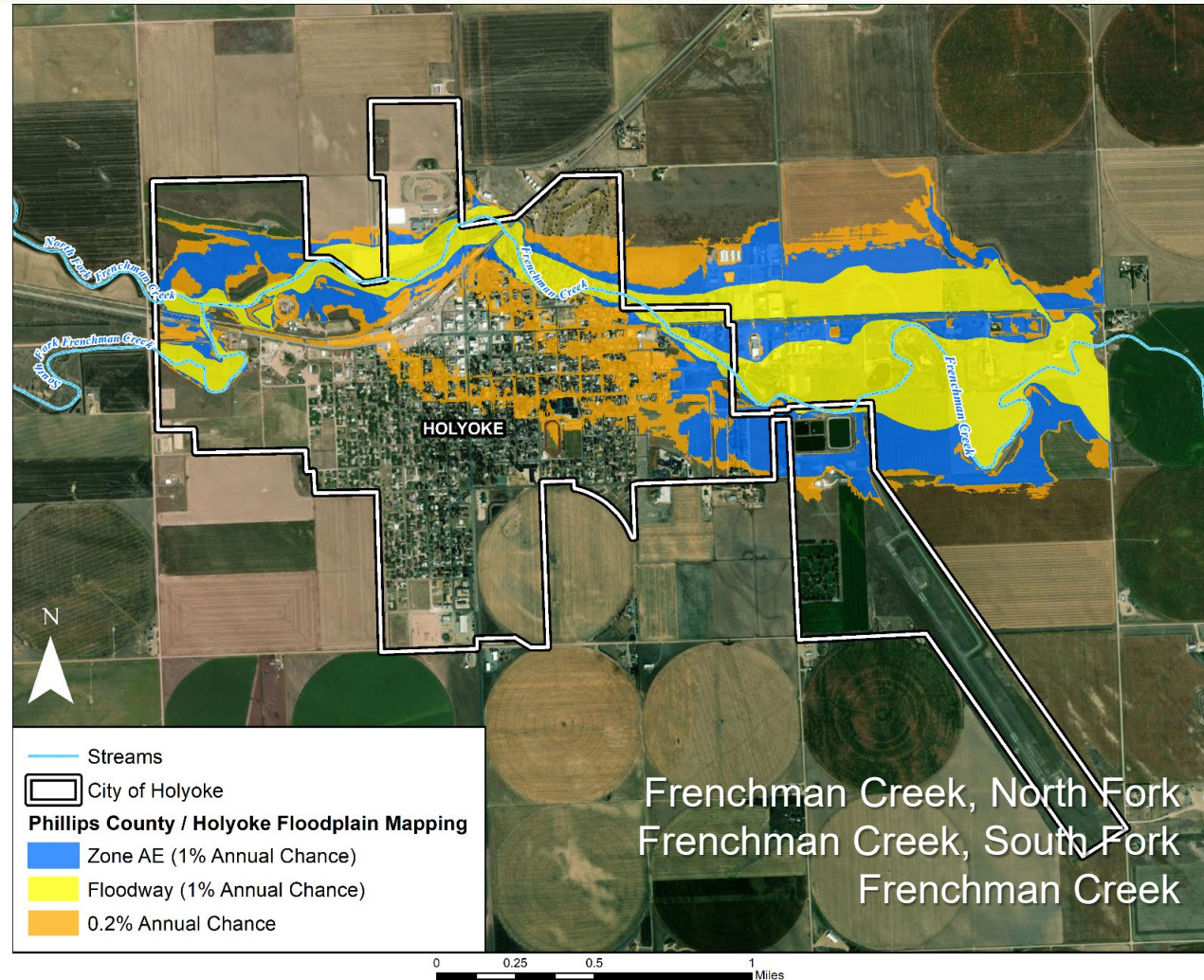
- High quality flood maps and information/tools to better assess the risk from flooding
- Planning and outreach support to communities to help them take action to reduce (or mitigate) flood risk
- Each Risk MAP project is tailored to the specific needs of communities



Phillips County Mapping Status

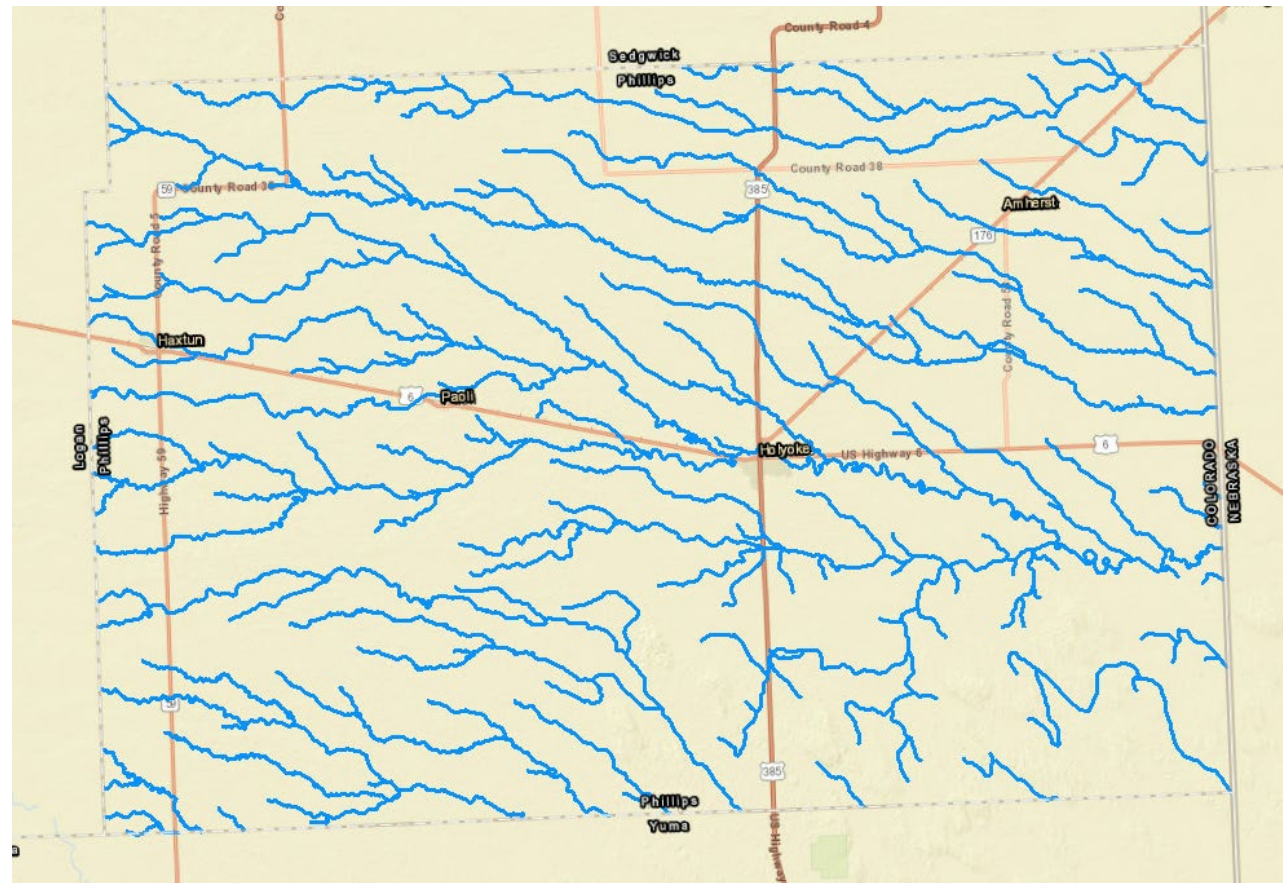
- Current Effective Data (2.3 miles):
 - 2.3 Miles of Zone AE
 - Study was only mapped for portions of stream reach inside Holyoke city limits

- Ongoing Detailed Study (City of Holyoke area):
 - 5.2 miles of Zone AE
 - Preliminary as of July 27, 2022



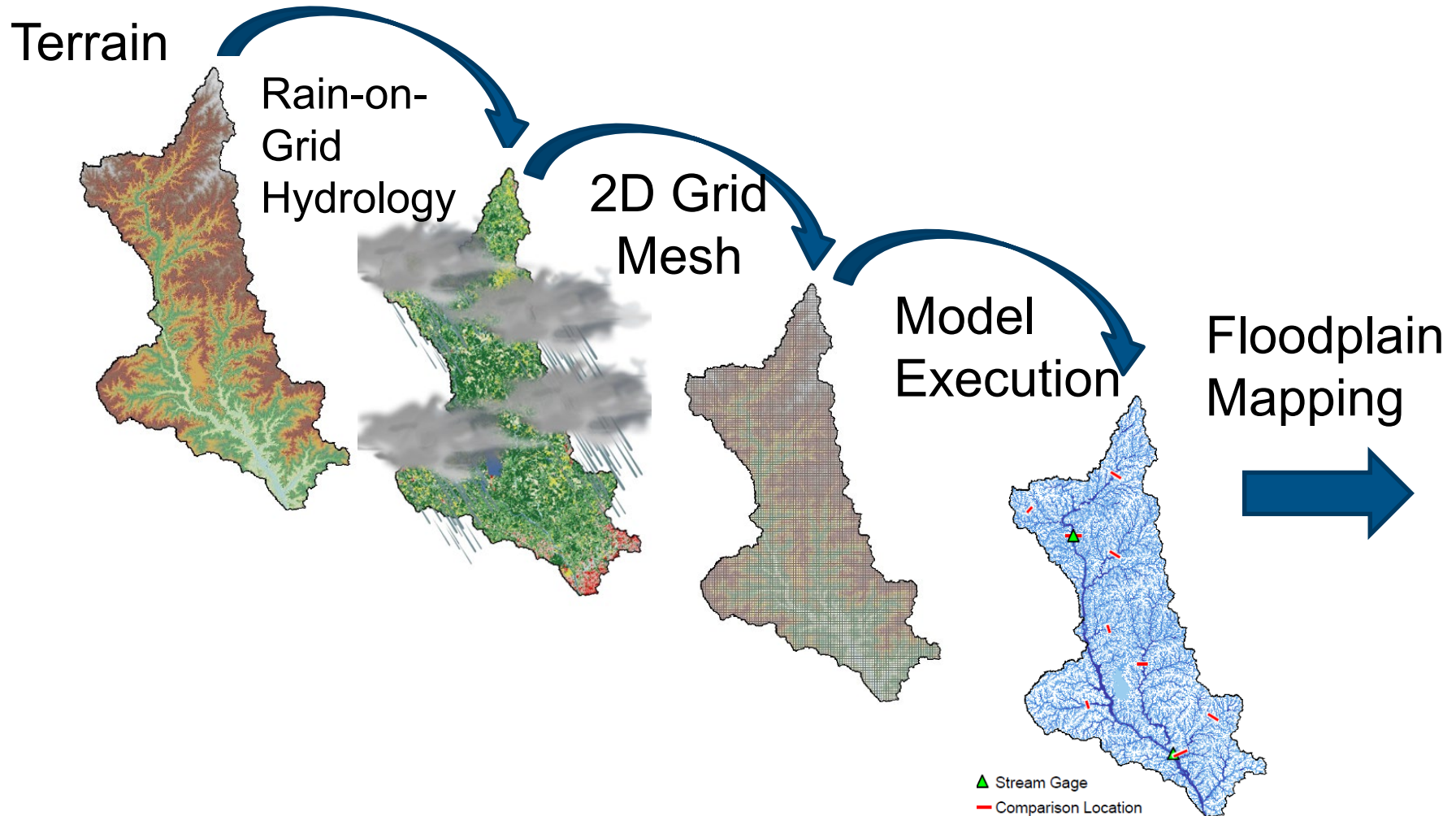
2-Dimensional (2D) Base Level Engineering (BLE) Project Scope

- **County-wide 2D Modeling**
- **Zone A-ready products**
 - ~685 miles – most will NOT become regulatory
- **Actual regulatory portions will be scoped during Discovery**
 - Community Input
- **Streams included in ongoing Detailed Study will not be restudied**

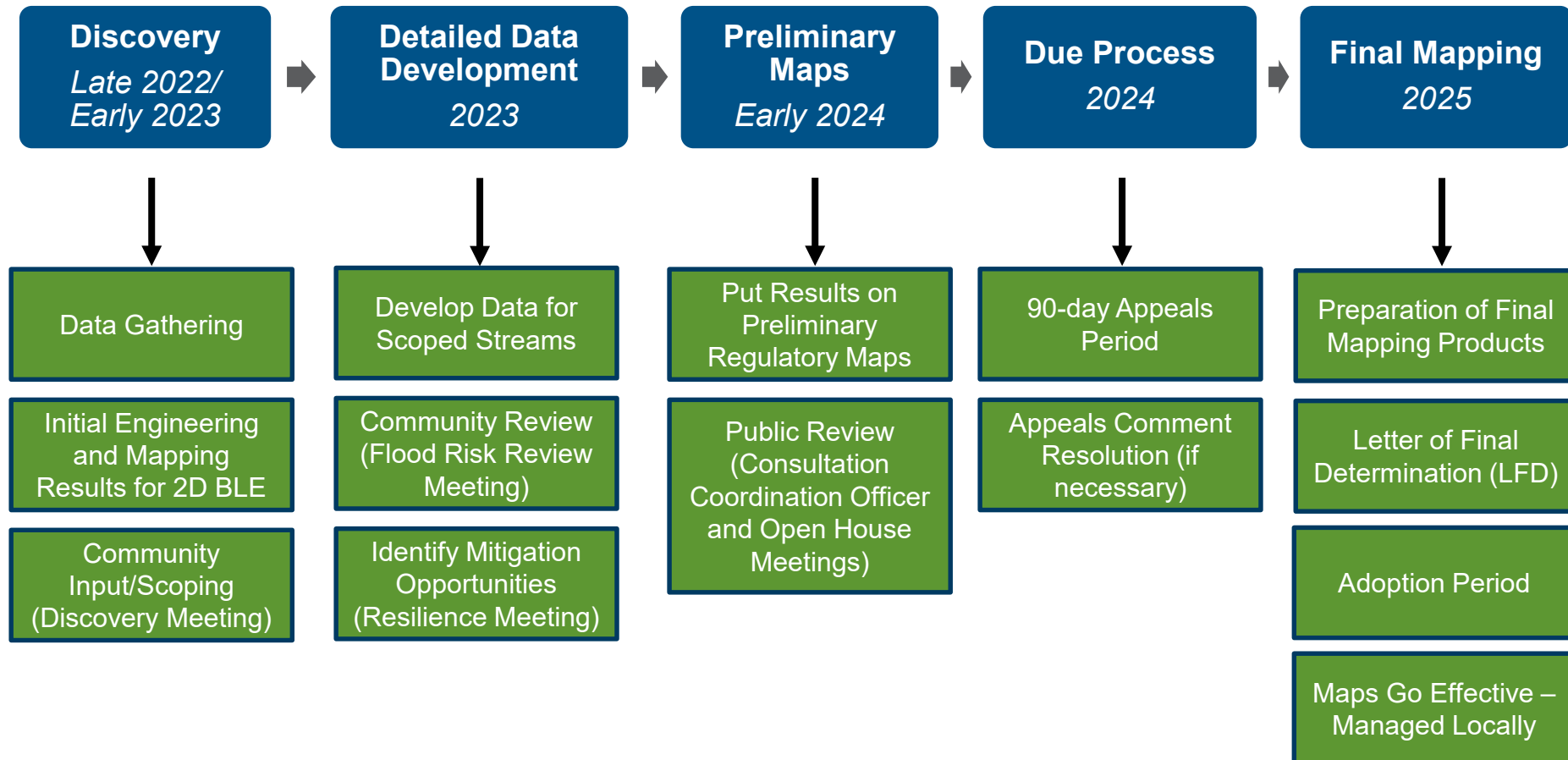


— 2D BLE Study Streams

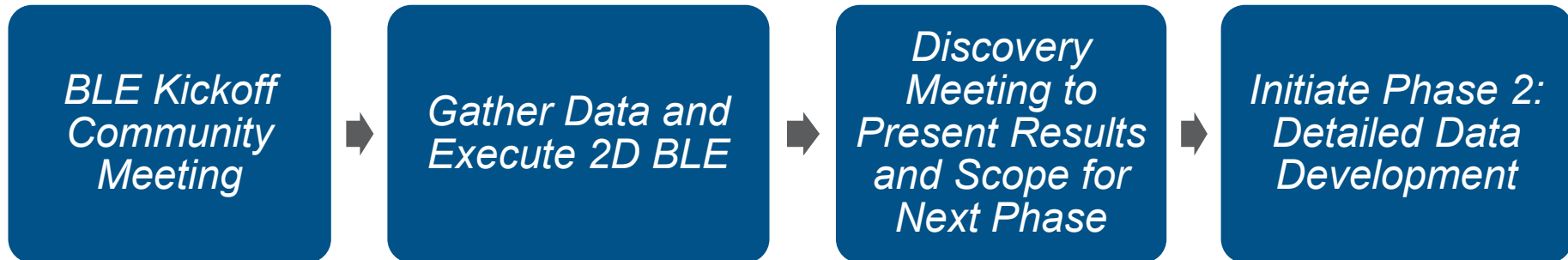
2D BLE Overview



Overall Project Timeline



Next Steps



■ Phase 1 (Discovery) Products

- Discovery Report – Detailing 2D BLE results and other hazard information for Phillips County (entire footprint)
- 100- and 500-year DRAFT Flood Hazard Areas
- 100- and 500-year Water Surface Elevation (WSEL) and Depth Grids
- 100-year Velocity Grid
- Changes Since Last Firm (CSLF)
- Areas of Mitigation Interest (AOMI)
- Percent Annual Chance and 30-year Annual Chance grids
- Hydrologic and hydraulic models and raw outputs (10-, 25-, 50-, 100-, and 500-year storm events)
- Map package with all spatial data used and/or created from study

Breakout Discussion

- **We want your input!**
- Active community participation throughout Risk MAP process is key to success
- Knowledge of flooding problems, ongoing projects, community needs, etc.

Adjourn



Terri Fead

CWCB Floodplain Mapping Program Manager
(303) 866-3441 x3230
terri.fead@state.co.us

Marta Blanco Castaño

CWCB Flood Mapping Program Assistant
(303) 866-3441 x3225 or 719-464-1199
marta.blancocastano@state.co.us

Doug Mahan

CWCB Community Assistance Coordinator
303-866-3441 x3221
doug.mahan@state.co.us

Christine Gaynes

FEMA Lead for Colorado
(202) 480-1265
christine.gaynes@fema.dhs.gov

Matt Buddie

FEMA Mitigation and Compliance
(303) 842-4710
matthew.buddie@fema.dhs.gov

Eli Gruber

CDM Smith Project Manager
(303) 383-2410
grubere@cdmsmith.com