

**FEMA REGION X  
RISK MAP DISCOVERY INTERVIEW  
CITY OF SHANIKO, OR  
June 26, 2015 1:00 PM PST**

**Participants**

City of Shaniko

- Susan Patterson – Shaniko Recorder, Treasurer, Secretary

Resilience Action Partners (RAP)

- Kathleen Warren, Region X CERC Lead

STARR (FEMA Contractor)

- Josha Crowley, Regional Service Center (RSC) Lead
- Adam Pooler, Project Manager/Senior GIS Analyst

**Discussion**

Josha Crowley made introductions and presented an overview of the Risk MAP program and the different projects and products that can benefit communities. Our overall goal is discovering how FEMA can help Shaniko become a more hazard and disaster-resilient community. A copy of the presentation is included with these meeting notes as Appendix A.

Pre-Discovery meetings and interviews with communities within the Middle Columbia-Hood River Watershed have been scheduled throughout June 2015. Discovery Meetings are tentatively scheduled July 20-24, 2015.

*The following information was collected during the interview. Unless otherwise noted, all comments are from the Shaniko representatives.*

*Community Contacts*

- Goldie Roberts – Mayor – Unknown e-mail and phone

*Fact Sheets and Discovery Mapping*

The draft Discovery Map illustrates a variety of geographic data from state, national, and (when possible) local sources. These include basic geologic and geographic features, jurisdiction boundaries, hazard locations, critical facilities, floodplain data, infrastructure, aerial images, and environmentally sensitive areas. One reason for this interview is to review and refine the draft Discovery Map before the in-person Discovery Meeting with the community.

- Where are critical facilities and infrastructure located?
  - Critical Facilities were provided throughout the call – **Community does not have a Volunteer Fire Department – High Need. Facility is available.**
  - Fire House, General Store, School House, Wool Barn, Ice Cream Store, City Building

### *Planning*

- What are notable or critical features in your community?
  - High Desert Community - Registered Ghost Town – 25 residents (19 registered voters). Six Councilmen, one Mayor, and Susan Patterson (All other duties within Shaniko); all Volunteers. Population due to tourism can increase to around 30 people during the summer. Largest Historical Wool producing area in North America. Railroad used to reach the town. Homes are from the 1920's. Heavy transportation along Route 97. 40 miles to nearest town. Ice Cream Store and General Store. Gas Station facility, not operable. Largest building is the Hotel, which could be used as a shelter
  - Springs provide water to Shaniko.
  - Central Part of town is a registered Historic District.
  - Pipeline potentially owned by Warm Springs Native American Reservation.
  - Helipad/Airstrip located within a canyon – ranch owned by doctors, Shaniko Ranch. The ranch pays the town's garbage bill.
  - School closed in 1951 – Majority of residents are elderly, very few children.
  - Museum within the town.
  - Very Wealthy Land owner owns half of the town, however the relationship with the town and him went away and he closed most of the facilities within town. This closed off any private facility available to the community.
- Status of FEMA Hazard Mitigation Planning projects - None
- Top hazard mitigation priorities
  - High Priority is Wildfire. No Active Volunteer Fire Department in town. Dependent on half-hour away South Sherman Department, this is a pending future contract.
- Status of evacuation, response, and recovery planning – All residents help out during an emergency.
- Other hazard mitigation programs happening nearby—county, region, etc. –
  - Wind Power Generation Project nearby.

### *Earthquake Hazard*

- Risk level - none
- Vulnerable locations - all buildings are potentially prone to earthquakes due to age of structures.

### *Wildfire Hazard*

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- Risk level – 2005 Fire – Structures damaged/destroyed near town. Frequent lightning strikes and other Wildfires have occurred.
  - Surrounding by rangeland and canyons. All buildings are not rated for fires.
  - Fire House Facility Available, but no working Volunteer Fire Department. Volunteer Fire Department needed.
- Vulnerable locations – Entire Town is vulnerable to fire due to grasslands surrounding town. Two spring fed reservoirs holding a total of 60,000 gallons, normally around 7 feet deep, however they are currently down to 4/5 feet. Few Well sites not developed.
- Other needs
  - Equipment (Backhoe) for clearing brush/debris for Fire Break would be very helpful.
  - Shaniko would like to know about applicable grant funding available, any organization providing funding for Wildfire Protection.
- Mitigation projects or initiatives
  - Each year request sent out to mow and clean property.
  - South Sherman Fire District supposed to create a Fire Break around town, which has not been done this year. Shaniko does not have availability to create Fire Break.
  - Water trucks are available as well as water barrels for protecting their property. Whoever is available during the fire will either spot or actively put the fire out.

*Landslide Hazard - None*

*Severe Storm Hazard*

- Risk level – High wind impacts due to open rangeland. Ice and Fog during the winter.
- Vulnerable locations – all buildings are prone to high winds.
- Damage, power blackouts, duration
  - Existing Water Tower brought down by high winds 10-12 years ago.
- Shelter needs and facilities – None at this time. The only applicable shelter would be the hotel (stone building, closed private facility).
- Mitigation projects or initiatives – None at this time.

*Emergency Communications*

- Siren/Bell attached to Fire House. Everyone has each other's cell phone. City Website only set up for Tourism.
  - Desire to set up official City Website for future coordination with residents.

*Flood Hazard – No Risk, non-flood prone*

*Levees - None*

*Environmentally Sensitive Areas - None*

*Communications and Outreach*

- Current community outreach/engagement
  - Residents easily coordinate via cell phone or door to door.
- How would residents react to changes in floodplain mapping – N/A
- Where does your community get information about disasters and hazards
  - E-mail contact with the residents. Door to Door notification.
- Who are the key players in communication and outreach to residents – Shaniko Officials
- What kind of outreach works best in your community
  - Word of mouth, especially at the general store.
- Current awareness among residents about disasters and hazards
  - Aware of fire risk.
- Use of RiskMAP products for outreach, communication, and education
  - Community would like any information on available funding for outreach.

*Compliance and Training*

- Floodplain administrator - none
- Floodplain permitting - none
- Training and support – Very interested in available grant funding for Wildfire protection.

**Next Steps**

- **Antelope would be a good location for meeting.**
- **July 20-24 works for Shaniko. School House is available if needed for a meeting.**

## **Appendix A: Interview Presentation**



FEMA

# Risk MAP Discovery

## Middle Columbia-Hood Watershed

Information Exchange Sessions  
June 2015

**RiskMAP**

Increasing Resilience Together



# Information Exchange Agenda

- **Overview of Risk MAP and Discovery**
- **Introduction to Enhanced Risk MAP Products**
- **Interactive Questionnaire**
- **Close**

# The Vision for Risk MAP

Through collaboration with State, Local, and Tribal entities, Risk MAP will deliver quality data that increases public awareness and leads to action that reduces risk to life and property





# RiskMAP

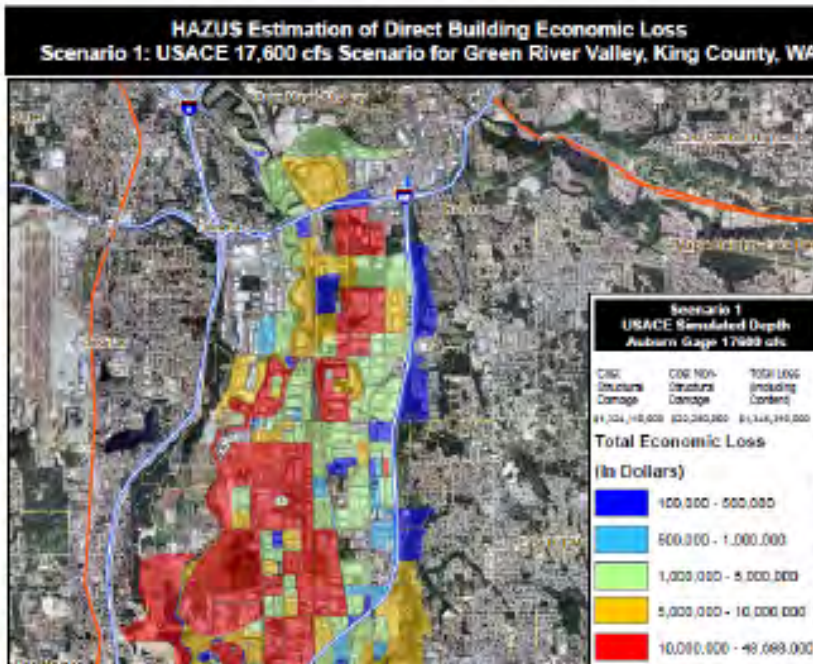
Increasing Resilience Together

- Collaborative approach
- Goals: quality data, public awareness, action that reduces risk
- Watershed-oriented
- Multi-Hazard
- Focus on up-front coordination
- Discovery is mandatory

# Risk MAP Products

## Multi-Frequency Depth & Water-Surface Elevation (WSE) Grids

10%, 2%, 1%, 0.5%, 0.2% annual chance profiles



### Inundation

- 3 feet or less
- 3 to 6 feet
- 6 feet +

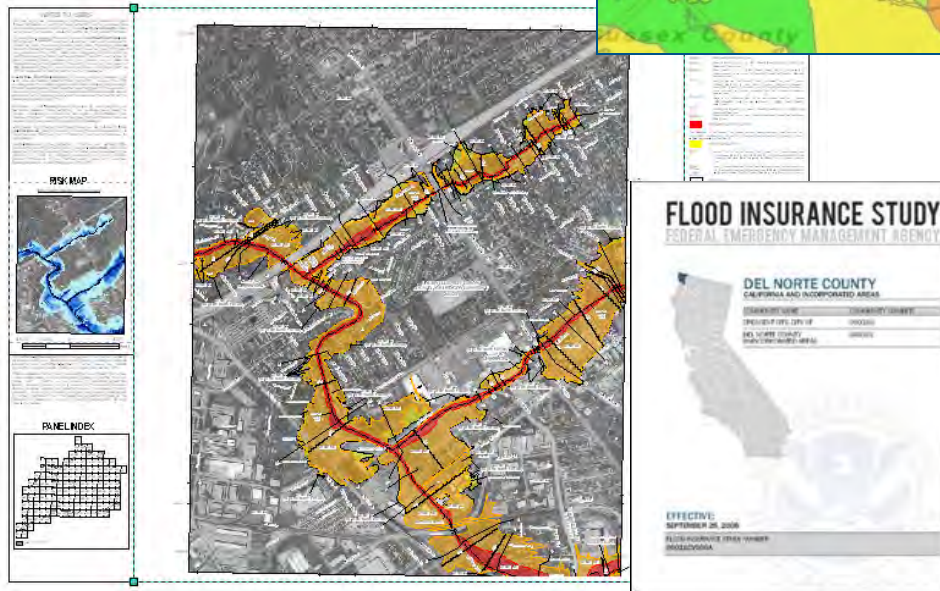
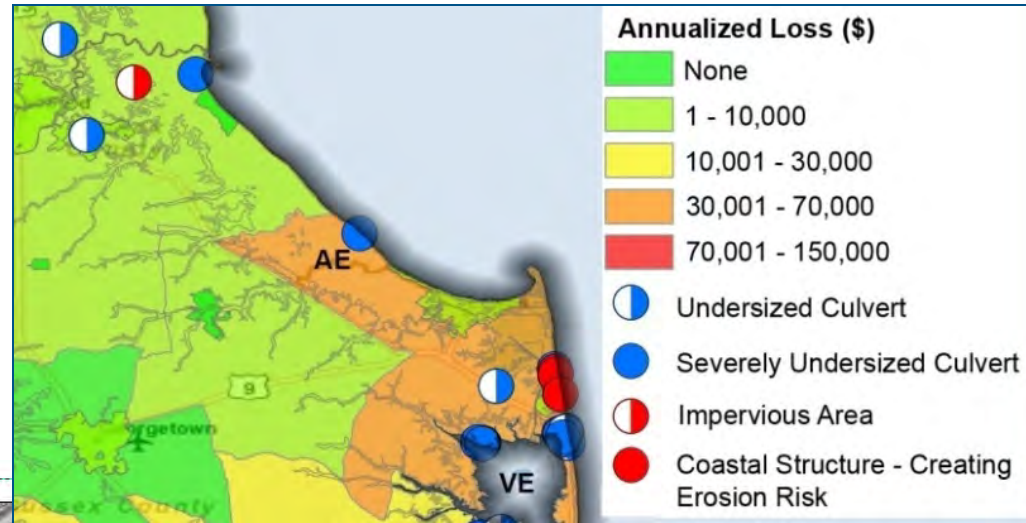
## HAZUS Risk Assessment & National Flood Risk Layer

Enables communities to understand risk by reference to existing structure loss

# Risk MAP Products

## Contributing Hazard Factors

Highlights areas of concern identified throughout project



## FIS Reports and DFIRM Maps

DFIRM and FIS will continue to fulfill regulatory requirements and support the NFIP

# Discovery

***Discovery is the process of data collection and analysis with the goal of initiating a hazard risk or mitigation project and risk discussions within the watershed***

## **When:**

- After an area/watershed has been prioritized
- Before a Risk MAP project is scoped or funded

## **Required for new and updated...**

- Flood studies
- Flood risk assessments
- Mitigation planning technical assistance projects

## **Why:**

- Increases visibility of flood risk information, education, involvement
- Helps inform whether a Risk MAP project will occur in the watershed



# Middle Columbia-Hood Discovery

- **Federal and State Data Collection**
- **Local Issues: Identify Risk MAP Needs**
  - Need support with mitigation planning?
  - Need mitigation projects?
  - Need new flood study data?
  - Need training on floodplain management?
  - Need support developing a hazard risk outreach program?
  - What else can FEMA do to help your community become resilient?
- **Pre-Discovery Interviews: June 2015**
- **Discovery Meetings: Week of July 20-24, 2015**
- **Risk MAP Project(s) Identified**
- **Possible FEMA Funding Allocated for Risk MAP Project**

# Discovery Interview

- **Local Contacts**
- **Data**
  - LiDAR
  - Local or Regional GIS Data
- **Mitigation Planning**
  - Desired Mitigation Projects
- **Local Hazards**
  - Earthquakes
  - Wildfires
  - Landslides
  - Severe Storms
  - Flooding
- **Levees**
- **Environmentally Sensitive Areas**
- **Communications and Outreach**
- **Compliance and Training**

Mitigation Planning		
How would you describe your level of involvement with the development of the mitigation plan? (Considerable, Moderate, Minimal)	Do you need assistance with mitigation planning in your community? (Yes, No, Possibly)	Mitigation Planning Comments, Explanations, Questions

# Questions?

## FEMA

- **Amanda Siok, Risk Analyst, [amanda.siok@fema.dhs.gov](mailto:amanda.siok@fema.dhs.gov)**
- **Brett Holt, Mitigation Planner, [brett.holt@fema.dhs.gov](mailto:brett.holt@fema.dhs.gov)**
- **David Ratté, Regional Engineer, [david.ratte@fema.dhs.gov](mailto:david.ratte@fema.dhs.gov)**

## OREGON

- **Steve Lucker, State Risk MAP Coordinator, [stephen.lucker@state.or.us](mailto:stephen.lucker@state.or.us)**
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## STARR

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