



<b>Project Name:</b>	<i>Matanuska-Susitna Borough (MSB), Alaska Discovery</i>
<b>Meeting:</b>	<i>Discovery Meeting – Talkeetna, Alaska</i>
<b>Date and Location:</b>	<i>April 25, 2013 @ 10:00 am AST Talkeetna Fire Station 1-11, RJ Jones Public Safety Building (13874 E Veteran's Way, Talkeetna) Field Tour in the Afternoon</i>
<b>Facilitator:</b>	<i>Kristen Meyers, FEMA Region X</i>

## DISCOVERY MEETING NOTES

### Attendees

Kristen Meyers, FEMA Region X, Mitigation Planning Manager  
 Josha Crowley, STARR, Region X Service Center Lead  
 Emily Whitehead, STARR, Project Manager  
 Sally Cox, State of Alaska, RiskMAP Coordinator  
 Taunie Boothby, State of Alaska, NFIP Coordinator  
 Casey Cook, Mat-Su Borough, Emergency Manager  
 Pamela Ness, Mat-Su Borough, Floodplain Administrator  
 Cary Birdsall, Talkeetna Community Council, Community Council Chair  
 Robert Gurlach, Talkeetna Community Council, Treasurer  
 Eric Denkwalter, Talkeetna Fire Department, Assistant Chief  
 Lance Overstreet, USACE, Floodplain Manager

### Introductions

Kristen Meyers opened the meeting and all attendees introduced themselves. A pre-populated sign-in sheet was distributed for attendees to sign and check and correct contact information.

### Overview of Risk MAP

Ms. Meyers provided a brief overview of Risk MAP, explaining how it differs from Map Modernization and previous FEMA initiatives. She discussed some of the Standard Risk MAP Products such as the Changes Since Last FIRM (CSLF), Contributing Flood Hazard Factors map, and Depth Grids, in addition to any standard regulatory products. A brief PowerPoint presentation was shown describing the Discovery process, the agenda for the meeting, and examples of non-regulatory products that could be included in the project if it were desired by the participants. Ms. Meyers discussed how Risk MAP can help communities become more resilient. Increasing community resilience through Risk MAP involves: Developing GIS data to capture community assets, Capturing or Developing Hazard Data, Estimating Losses, and Developing Problem Statements. Ms. Meyers mentioned that Risk MAP could utilize local community asset data during Risk MAP. She also mentioned that there are numerous hazard data sources available, such as:

- Flood – Existing FEMA Studies; USACE Studies; New FEMA Studies.
- Wildfire – Alaska DNR – Division of Forestry.
- Landslide – Alaska DNR – DGGS
- Earthquake/Tsunami – Alaska DNR – DGGS; USGS/NOAA

Ms. Meyers discussed how FEMA can estimate losses after a hazard by utilizing software such as GIS, and in



particular, HAZUS. The hazard loss estimates are reviewed and analyzed to identify areas with highest vulnerabilities on a map. From these findings, a list of problem statements is developed, such as:

The manufactured home park is the most vulnerable area to flooding. This area floods each year.

Flooding is caused by excessive rains.

The sewage treatment plant is located in the 100-year floodplain.

The lighthouse, of significant historic value, is threatened by erosion from coastal flooding. The rate of erosion is 5 feet per year.

Ms. Meyers discussed that we hoped to gather a list of community mapping needs today. She explained that FEMA hopes to help communities by addressing these map needs via the DFIRM/FIS products. FEMA also helps communities by offering NFIP Training and Technical Support, Outreach Support, HAZUS Training and Technical Support, and hazard mitigation planning support.

### **Community Discussion**

Ms. Meyers explained that we will soon break out into smaller groups to determine areas of concern regarding natural hazards. The groups should discuss activities to mitigate natural hazard risk. FEMA would like communities to: identify flood study priorities, training needs, potential risk assessments, communication and public outreach, additional data, resources, or funding that may be needed to implement solutions, and their relationship to the mitigation plan.

### **Closing**

In closing Ms. Meyers reiterated that the intent of this meeting was to assist Talkeetna in taking action to reduce risk to natural hazards and increase community resiliency.

### **Field Tour**

Talkeetna employees arranged a field tour of areas of flood concern, specifically those areas affected by the flood disaster in September 2012.

### **Topographic Data**

MSB noted that LiDAR data is available in some areas, as shown on the Discovery Meeting Map, and asked if the communities knew of any other LiDAR data collection in the area. No additional LiDAR data sources were mentioned at the time of the meeting.

### **Next Steps**

The information gathered at this meeting and any follow up will be combined into a Discovery Report in the coming months. This will detail the area concerns and present any available multi-hazard risk data. Future conversations between MSB, Talkeetna, and FEMA will determine the specific next steps in this process and determine a scope of work to begin to address the concerns identified today. Before any work begins, a Partnership Agreement will be crafted between the MSB, Talkeetna, and FEMA. This agreement will detail the scope, schedule, methodology, and expectations amongst the parties.

End.