

## Cox, Sally A (CED)

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**From:** Juneau@starr-team.com on behalf of RSCX <RXProjectUpdates@starr-team.com>  
**Sent:** Wednesday, May 18, 2016 4:42 PM  
**To:** Cox, Sally A (CED)  
**Subject:** Risk MAP Project Quarterly Report for City and Borough of Juneau, AK

Greetings,

My name is Emily Whitehead and I am part of the City and Borough of Juneau (CBJ), Alaska Risk Mapping, Assessment, and Planning (Risk MAP) Project Team, working with the Strategic Alliance for Risk Reduction (STARR), a contractor for the Federal Emergency Management Agency (FEMA). This email is being sent to you as a status update for work completed on this project as of May 18, 2016. Detailed status updates like this are sent quarterly and include the overall project status, changes to the scope or schedule of the project, and a detailed overview of the individual technical tasks associated with the project.

### Project History

FEMA is responsible for preparing Flood Insurance Rate Maps (FIRMs) that delineate flood hazard zones and Base Flood Elevations (BFEs) in the United States. Because of the importance of understanding the nation's coastal flood risk, FEMA has initiated coastal flood risk studies for the populated coastline as part of its [Risk MAP](#) effort. Through the Risk MAP effort, FEMA is updating the nation's coastal [Flood Insurance Studies \(FISs\)](#) and [FIRMs](#), where appropriate, and publishing new FIRMs in densely populated areas that were not previously mapped. For more information, please visit <https://www.fema.gov/coastal-flood-risks-achieving-resilience-together>.

The State of Alaska identified CBJ as a priority for FEMA's Risk MAP program. The State determines its priorities based on population at risk to hazards, recent events, and community interest. FEMA, State, and Local stakeholders participated in a Risk MAP Discovery Meeting held September 26, 2013 where community concerns were identified. Additional areas of concern were provided via email on February 20, 2014. These concerns were captured in the Risk MAP Discovery Report and delivered to CBJ. After Discovery, community concerns were researched and analyzed, in order to develop a scope of work that includes multi-hazard risk assessment products and updates to the communities' regulatory flood maps based on community-identified resilience needs.

### Project Milestones and Deliverables

Meeting/Deliverable	Point of Contact	Actual/Projected Date
Risk MAP Discovery Meeting	Emily Whitehead	September 26, 2013
Flood Study Kick-Off Call	Sally Cox	August 17, 2015
Draft Map Release	Emily Whitehead	May 18, 2016
Flood Risk Review (FRR) Meeting	Emily Whitehead	Summer 2016*
Preliminary DFIRM/FIS Release	Emily Whitehead	October/November 2016*
Consultation Coordination Officers (CCO) Meeting	Ted Perkins	Early 2017*
Public Meeting/Workshop	Jamie Mooney	Early 2017*
Appeal Period Starts	Emily Whitehead	Spring/Summer 2017*
Appeal Period Ends	Emily Whitehead	Summer/Fall 2017*
Letter of Final Determination	Emily Whitehead	Fall/Winter 2017*
Draft Multi-Hazard Risk Report	Amanda Siok	Spring/Summer 2017*
Risk MAP Resilience Workshop	Amanda Siok	Spring/Summer 2017*
Delivery of Final Risk Report and Risk Assessment Database	Amanda Siok	Summer/Fall 2017*
Maps and FIS become Effective	Ted Perkins	Spring/Summer 2018*

*\*All projected dates are subject to revision as the project progresses.*

## Recent Activity

Approximate and Detailed hydraulic modeling and draft flood hazard mapping is complete. Analyses and/or re-mapping of the coastal flood hazard boundaries for Auke Bay and Douglas Harbor is also complete. Workmaps displaying the draft flood hazard data are posted to the project portal here: <http://www.starr-team.com/starr/RegionalWorkspaces/RegionX/Juneau/Preliminary%20Maps> . The draft flood hazard boundaries are also posted in GIS shapefile format to the same [portal location](#).

FEMA funded its contractor, STARR, to develop a multi-hazard Risk Report for the Juneau area as part of the ongoing Risk MAP study. The Risk Report will include a risk assessment of avalanche, earthquake, flooding, landslide, tsunami, volcano ash fall, and wildfire. Hazus, FEMA's loss estimation software, will be used to assess earthquake and flood hazards.

## Next Steps

The State of Alaska will contact CBJ to schedule a local Flood Risk Review (FRR) meeting. The FRR meeting provides an opportunity to discuss the draft workmaps and the methodologies that were utilized in their production.

Once all risk assessments are completed, they will be compiled into the Risk MAP Risk Report and a Resilience Workshop will be held to discuss the results and risk reduction strategies. The Resilience Workshop is expected to take place in Spring/Summer 2017.

Additional information on this project including the project area and Risk MAP contacts can be found online at: <http://www.starr-team.com/starr/RegionalWorkspaces/RegionX/Juneau/SitePages/Home.aspx>

*NOTE: If you have trouble downloading or are prompted for credentials when clicking the file name on the website, cancel the prompt and instead right-click the file name and choose "Save As" or "Save Target As".*

## General Information

If you have questions about this Risk MAP project, please contact the State Risk MAP Coordinator, Sally Cox, [Sally.Cox@alaska.gov](mailto:Sally.Cox@alaska.gov), (907) 269-4588.

The STARR Region X Help Desk is another resource available to answer project-related questions. STARR staff will route and research your question, and respond within three business days. Submit your questions via email, the address is [RegionXHelpDesk@starr-team.com](mailto:RegionXHelpDesk@starr-team.com).

If you want to keep up with what's happening around Region X, get project status updates, or learn about upcoming events and training opportunities, subscribe to the Region X monthly newsletter. For more information or to subscribe, email [rxnewsletter@starr-team.com](mailto:rxnewsletter@starr-team.com) .

Current and past issues of the newsletter, project status updates, announcements, upcoming events, and training opportunities are also available online at the STARR website, [www.starr-team.com](http://www.starr-team.com) (shortcut link: <http://j.mp/starrxnews>).

I hope you found this status update email helpful. If you would like to be removed from the distribution list, or if you feel there is someone that should be added to the list, please reply to this email. If you have any questions, or if there is information that you would like to see in future updates, please feel free to contact me by phone or email. My contact information is below.

Sincerely,

**Emily Whitehead, CFM, GISP**  
Project Manager

## STARR - Strategic Alliance for Risk Reduction

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**This message was sent by RSCX to the following:**

Amanda Siok - Risk Analyst - FEMA Region X RAB  
Ann Gravier - Alaska State Hazard Mitigation Officer - State of Alaska  
Brett Holt - Mitigation Planner - FEMA Region X RAB  
Bruce Simonson - GIS Manager - City and Borough of Juneau  
Crane Johnson - Senior Hydrologist, Alaska-Pacific River Forecast Center - NOAA  
De Anne Stevens - Geologist - State of Alaska  
Emily Whitehead - Project Manager - STARR  
Eric Feldt - Planner II, Flood Plain Manager - City and Borough of Juneau  
Erich Schaal - Port Engineer/Architect II - City and Borough of Juneau  
Gary Vetesy - GIS Technician - City and Borough of Juneau  
Greg Fisk - Mayor - City and Borough of Juneau  
Jamie Mooney - Region X CERC Lead - Resilience Action Partners  
Jimmy C. Smith - Alaska State NFIP Coordinator - State of Alaska  
Karen Wood-McGuiness - Floodplain Management Specialist - FEMA Region X FMI  
Marshall Rivers - Project Manager - Resilience Action Partners  
Michael West - State Seismologist - State of Alaska  
Quinn Tracy - Cartographer/GIS - City and Borough of Juneau  
Rachael Norris - Government Affairs - FEMA Region X  
Region X Service Center - STARR  
Rorie Watt - City Manager - City and Borough of Juneau  
Sally Russell Cox - Alaska Risk MAP Coordinator - State of Alaska  
Steve Masterman - State Geologist/Director - State of Alaska  
Tamra Biasco - Branch Chief - FEMA Region X RAB  
Ted Perkins - Regional Engineer - FEMA Region X RAB