

**From:** "Johnston, Sadhu" <Sadhu.Johnston@vancouver.ca>  
**To:** "Direct to Mayor and Council - DL" <CCDTMACDL@vancouver.ca>  
**CC:** "City Manager's Correspondence Group - DL" <CMCG@vancouver.ca>  
"Ben David, Shoshana" <Shoshana.BenDavid@vancouver.ca>  
"Smith, Doug \ (Sustainability)" <doug.smith@vancouver.ca>  
"Kelley, Gil" <Gil.Kelley@vancouver.ca>  
**Date:** 3/16/2018 3:59:34 PM  
**Subject:** Fraser River Flood Management project update  
**Attachments:** Coastal Adaptation Plan - Fraser River Asset Owners Workshop details - 2....pdf  
CAP-FRFMP-onepager\_v5.pdf

Greetings Mayor and Council,

As part of our Climate Change Adaptation Strategy and as one of the next steps of our sea level rise engagement, City staff will soon begin consultation with land and asset owners along the Fraser River as part of our Coastal Adaptation Plan.

The first consultation will be with asset owners, and take place April 5, 9am-1pm at Creekside Community Centre. The purpose of the workshop with asset owners along the Fraser River (BC Hydro, TELUS, Fortis BC, etc.) is to learn about the growing flood risks facing the area, identify critical assets in the floodplain and assess the high level consequences of failed/damaged critical assets. Later in the spring, we will also engage with residents and smaller business owners in the area.

In advance of the workshop, asset owners will be mailed an invitation as well as a two page informational flyer on flood risks in Fraser River. We anticipate that they will receive their invitations in the coming week.

Should you have any questions, please contact Shoshana Ben David at 604.829.2023 or [Shoshana.BenDavid@vancouver.ca](mailto:Shoshana.BenDavid@vancouver.ca).

Best,  
Sadhu

**Sadhu Aufochs Johnston** | City Manager  
City of Vancouver | 453 W 12<sup>th</sup> Avenue  
Vancouver | BC V5Y 1V4  
604.873.7627 | [Sadhu.johnston@vancouver.ca](mailto:Sadhu.johnston@vancouver.ca)  
Twitter: sadhuajohnston



**CONFIDENTIALITY NOTICE:** This message and any accompanying documents contain confidential information intended for a specific individual and purpose. This message is private and protected by law. If you are not the intended recipient, you are hereby notified that any disclosure, copying or distribution, or the taking of any action based on the contents of this information, is strictly prohibited.

## **Coastal Adaptation Plan - Fraser River Floodplain Asset Owners Workshop – April 5 – 9:00am – 1:00pm**

[Click here to register for the Workshop.](#)

Along with homes and commercial/industrial buildings, critical infrastructure, including utilities and facilities are also at risk of flooding. The City of Vancouver invites you to learn more about the **Coastal Adaptation Plan – Fraser River** project to learn about the growing flood risks facing the area and to provide feedback on future approaches to flood management along the Fraser River.

### **Workshop Goals**

We are hosting a workshop for Fraser River floodplain asset owners. In the workshop we will identify the location of City and other infrastructure assets in the floodplain that serve the community and local businesses. Some of these assets may be vulnerable to flooding and require flood proofing. This workshop will provide an opportunity to learn more about the floodplain and potential impacts to your area.

### **Flood risk along the Fraser River**

As you may be aware, the City of Vancouver is facing serious challenges from sea level rise and coastal flooding, with sea levels expected to rise 50cm (about 1½ feet) over the next 30 years.

To prepare for future sea level rise and help communities and businesses along our shoreline become more resilient to the challenges ahead, the City of Vancouver assessed current and future flood hazards and risks for low lying areas along the coastline and Fraser River in 2016. If you are receiving this letter, you are on land located in the Fraser River Floodplain (shown in the figure below) and may be impacted by current and future flood hazards.



The Coastal Adaptation Plan for the Fraser River will address flood hazard from the Musqueam Lands, the Southlands and to the west up to Kerr Street. The East Fraser Lands are not included in this project as new development is taking place there that includes flood management planning.

### **Project Timeline**

We will be starting the first phase of engagement in April, 2018 with a set of stakeholder workshops. We hope you attend. The first phase of the project will complete by October, 2018.

### **Invitation to Participate**

If you are able to participate, please reply to this notice or contact the City of Vancouver representatives below with the appropriate contact person. The workshop will be hosted on April 5, 2018 from 9:00 -1:00pm. Lunch will be provided.

Registration for the Workshop is open until April 3 at the following link:

<https://www.eventbrite.ca/e/city-of-vancouver-coastal-adaptation-plan-fraser-river-registration-43897399303>

Thank you for your time, please be in touch if you have questions. We look forward to working together on this important initiative.

Sincerely,

Shoshana Ben David | City of Vancouver  
Email: [Shoshana.BenDavid@vancouver.ca](mailto:Shoshana.BenDavid@vancouver.ca)  
Phone: 604.829.2023

Angela Danyluk, MSc., RPBio | City of Vancouver  
Email: [angela.danyluk@vancouver.ca](mailto:angela.danyluk@vancouver.ca)  
Phone: 604.871.6619

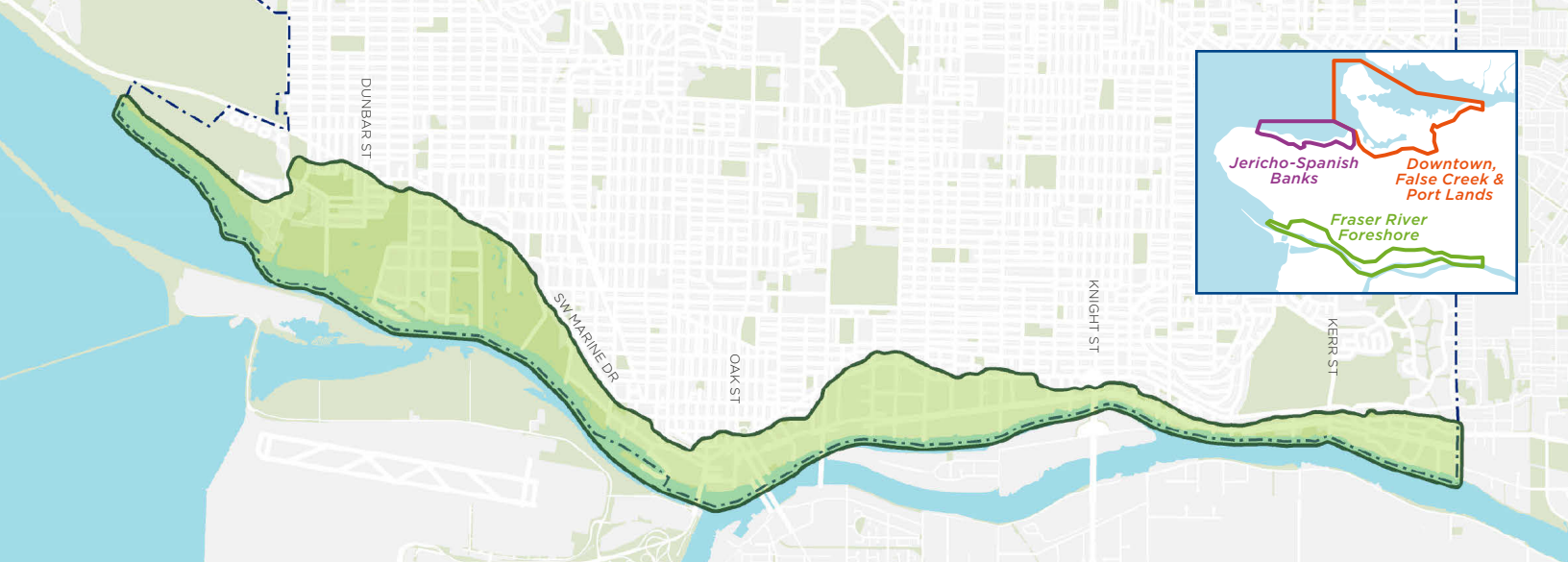
# COASTAL ADAPTATION PLAN

FRASER RIVER FORESHORE

700 homes and commercial/industrial buildings are at risk of flooding. **Is yours?**

Vancouver is currently facing challenges from coastal and river flooding, which are expected to get far worse with climate change pushing up sea levels by about 50cm (about 1½ feet) over the next 30 years. To address this challenge and prepare for future sea level rise, the City of Vancouver is developing a Coastal Adaptation Plan (CAP) to help communities and businesses along our shoreline identify potential management solutions and to become more resilient in the face of coming challenges.





## FRASER RIVER FLOOD RISK - A SNAPSHOT

The Fraser River shoreline stretches 16 kilometers along Vancouver's southern border. It is a diverse area with residential neighbourhoods, Musqueam First Nation, businesses, industry, recreation areas (including three golf courses), and important foreshore habitat areas. In time, and without any improvements, a major flood event could impact 280 commercial and industrial buildings, damage over 400 homes, and generate over \$300 million in financial losses (in today's \$).



## PROJECT TIMELINE

Vancouver has three primary flood zones: The Fraser River foreshore; Jericho Spanish Banks; and Downtown, False Creek and the Port lands. Of these, the Fraser River Foreshore is the most at risk today. The City is undertaking engagement with people in this area to gather input on values, guiding principles, and potential flood management options for the area. The results of engagement will help us to develop criteria to use when we evaluate potential flood management strategies for the area, and to help increase neighbourhood awareness and resilience.

2020  
onwards

### OPTIONS REFINEMENT

- Technical analysis and feasibility
- Community input
- Phasing and final plan
- Implementation

2017

2025

### COMMUNITY ENGAGEMENT

- Awareness building
- Values and preferences identified for each flood hazard area, beginning with most at risk area first

2014

2016

### PRELIMINARY ADAPATION OPTIONS

- Adaptation options identified for each flood hazard area
- Protect, accommodate, retreat, combination

2012

2014

### VULNERABILITY ASSESSMENT

- Three main flood hazard areas identified

## WANT MORE INFORMATION?

Call 3-1-1

[cap@vancouver.ca](mailto:cap@vancouver.ca)

[www.vancouver.ca/sealevelrise](http://www.vancouver.ca/sealevelrise)