



Progress Report—BC Floodplain Maps Action Plan

February 2017

In March 2013, with financial support from the Real Estate Foundation of British Columbia, the British Columbia Real Estate Association (BCREA) hosted a workshop in Vancouver, to examine the state of floodplain maps in BC. The Floodplain Maps Action Plan was the key output of the workshop, and this report summarizes progress made since November 2016.

The complete Floodplain Maps Action Plan and previous progress reports are available online at: www.bcrea.bc.ca/government-relations/flood-protection.

Category	Action
Technical	<p>1. Monitor provincial and federal responses to the Public Safety Canada National Floodplain Mapping Assessment, and implementation of the National Disaster Mitigation Program (NDMP).</p> <p><u>Status:</u> Work on both projects continues at the federal level, with federal floodplain mapping guidelines expected to be released this year. Information about the NDMP is available from the federal government at www.publicsafety.gc.ca/cnt/mrgnc-mngmnt/dsstr-prvntn-mtqtn/ndmp/index-en.aspx.</p>
Political	<p>6. Communicate the progress and outcomes of the Lower Mainland Flood Management Strategy to enable opportunities to advance flood hazard mapping provincially.</p> <p><u>Status:</u></p> <ul style="list-style-type: none"> The Fraser Basin Council submitted an NDMP proposal to develop an interactive, multi-use modeling and mapping tool. This tool will be more accurate and detailed than existing mapping, and will look at a number of specific flooding scenarios to better understand impacts and point to potential responses. FBC formally established its environmental advisory committee, which includes NGOs, academics and government representatives to inform environmental considerations. FBC is increasing its engagement efforts with First Nations. Phase 2 will involve reviewing and evaluating both priorities for improving flood mitigation and flood mitigation alternatives. This project will also involve researching potential funding and cost-sharing models to fund implementation of the strategy. For summer 2017, FBC is planning to hire a graduate student intern to research the most beneficial flood mitigation responses, from a climate change adaptation perspective.
Political	<p>7. Through a structured communications approach, engage key public and private organizations and associations to raise awareness among decision makers and stakeholders, and strengthen political support; e.g., facilitate opportunities to bring together municipalities for peer-to-peer discussions, host one or more sessions at local government conferences, develop a set of visual tools to improve understanding about the importance of floodplain mapping / flood hazard management, and to support the allocation of the necessary resources.</p> <p><u>Upcoming events:</u></p> <ul style="list-style-type: none"> Mar. 7, Using 3D Modeling for GreenShores™ Projects (webinar): https://attendee.gotowebinar.com/register/5006049333708439298

Category	Action
	<ul style="list-style-type: none"> • Mar. 15, Floods and Drought—Tackling Wild Weather (Fort St. John): http://cs.createsurvey.com/publish/survey?a=H6c3aR • Mar. 16, Urban Resilience Workshop (Surrey) • Mar. 29-31, Understanding Risk forum: https://eeri-bc.wildapricot.org/UR-Vancouver/ • Apr. 20-21, Municipal Insurance Association of BC Risk Management Conference (Vancouver) – session on liability: https://www.civicinfo.bc.ca/event/2017/MIABC • Apr. 25-26, Conference Board of Canada Resilience 2017 Conference (Edmonton): www.conferenceboard.ca/conf/17-0067/default.aspx • May 31-June 3, Canadian Hydrotechnical Conference (Vancouver): www.csce2017.ca
Aspirational	<p>11. Develop, and update every five years, floodplain mapping guidelines and specifications to reflect current technologies and realities, improve consistency, and build technical capacity to support utilization of a broader suite of technical tools.</p> <p><u>Status:</u> There is no change in the status of the Association of Professional Engineers and Geoscientists of BC (APEGBC) Professional Practice Guidelines. These Guidelines are expected sometime this year.</p>