



Progress Report—BC Floodplain Maps Action Plan

May 2015

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 February 2015.

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> Public Safety Canada issued a call for proposals for the NDMP on Apr. 17; the program emphasizes risk assessment and flood maps. BCREA understands work on floodplain mapping standards is happening at the federal level. The BC government continues to work with the federal government and stakeholders to further define and understand the parameters of the NDMP. Once the BC government’s plans are firmed up, an announcement will be made.</p>
Technical	<p>3. Undertake a research project to review the provincial government online floodplain mapping inventory and contact local governments and engineering firms to develop an up-to-date inventory of floodplain maps in BC.</p> <p><u>Status:</u> BCREA has received more than 70 survey responses from local governments and First Nations, and is in the process of conducting interviews. The project report should be complete by the end of July.</p>
Technical	<p>4. Undertake a technical project to compile case studies of current BC floodplain mapping practices based on significant flood scenarios (e.g., riparian flooding from freshet, pluvial and rain-on-snow events, debris flooding) around the province. Compile the best practices and minimum standards for floodplain mapping BC, including data requirements, engineering standards and methodologies, and integrating climate change into planning.</p> <p><u>Status:</u> BCREA plans to schedule a preliminary meeting in summer 2015.</p>

Category	Action
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> Phase 1 of the Lower Mainland Flood Management Strategy is focusing on the following projects:</p> <ol style="list-style-type: none"> 1. Analysis of Future Flood Scenarios—four scenarios have been chose, and a report is expected in the summer 2. Regional Assessment of Flood Vulnerability—data is being compiled and will be analyzed using Hazus software and a GIS assessment 3. Assessment of Flood Management Infrastructure, Policies and Practices—a dike assessment report is expected this summer <p>Significant communications and outreach efforts are also underway as part of this project. (www.fraserbasin.bc.ca/water_flood.html)</p>
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>Status:</u></p> <ul style="list-style-type: none"> • Apr. 10-11, Pacific Institute for Climate Solutions Climate Change Conference: http://on-climate.com/the-conference • Apr. 30-May 1, BCREA exhibit at Southern Interior Local Government Association tradeshow • Sep. 23-25, BCREA exhibit at Union of BC Municipalities Convention, Vancouver • Sep. 28-30, ICLEI Canada Livable Cities Forum, Calgary: www.icleicanada.org/events/livablecities • Nov. 17-19 EPICC Emergency Preparedness + Business Continuity Conference, Vancouver: www.epbcconference.ca
Financial	<p>9. Review the Floodplain Mapping Funding Guidebook for BC Local Governments every year and update as required.</p> <p><u>Status:</u> BCREA will update the funding guidebook in summer 2015.</p>