

Following are some highlights of Fraser Basin Council's current work in the Fraser Valley.

Adaptation Canada 2020

- Fraser Basin Council was busy with coordinating and facilitating the Adaption Canada 2020 conference held in Vancouver last week from Feb. 19 to 21, 2020, with funding from Natural Resources Canada and others. AC2020 brought experts from diverse sectors and regions to discuss climate change challenges; presenters brought great ideas and examples on how to build climate change resilience in our communities, ecosystems and economy. Due to demand, the event was expanded from 500 to 750 registered participants. Conference details are at adaptationcanada2020.ca

Lower Mainland Flood Management Strategy – LMFMS highlights

- **Video series and website** – Progress continues on this important outreach tool, and is on track for March 2020 completion.
- **Lower Mainland Flood Risk Assessment** – This is on track to be completed at the end of March: it will have data and drafting surveys of local governments and non-residential properties for flood risk information.
- **Hydraulic Modeling and Mapping** – Flood strategy partners can request modeling and mapping results from the FBC flood strategy team to analyze flood scenarios and risk assessment.
- **First Nations Emergency Planning** – The LMFMS held several meetings with the FN Emergency Planning Secretariat and liaised with individual First Nations as requested, and have shared all flood modeling and mapping results; the team is working to support First Nations participation in Flood Risk Assessment.
- **Flood Strategy Workbook** – The Flood Strategy Workbook was prepared and circulated to all those who attended the Flood Forum in October 2019 (about 130), and to the Joint Planning Committee, for a total of 250 recipients.
- **BC Storm Surge Forecast** – The 2019-2020 almanac and tide calendars are at www.stormsurgebc.ca This season's forecast services will complete operations in March 2020.
- **Orphan dikes assessment** – Orphan Dikes Assessment continues making progress. The project has been extended to May 2020.
- **Ecosystems inventory** – The inventory will identify and map ecosystem classes in the Fraser Valley floodplain. Provincial data on sturgeon and eulachon has been added to online Flood and Environment Atlas, available at: www.cmnbc.ca/atlasgallery/lower-mainland-flood-and-environment-atlas

Cultus Lake

- **Canada Geese:** Cultus Lake Aquatic Stewards, BC Parks, and lake residents will once gain provide volunteers to take part in regular Canada goose counts during 2020, and with graphic messages to discourage lake visitors from feeding the geese; some members will also receive egg addling training from the goose management consultant to help with FVRD's goose mitigation program.
- **Cultus Lake workshop:** FBC is contracted by the Fraser Valley Watershed Coalition, which received funding from the Canada Nature – Aquatic Species at Risk fund, to organize and facilitate an information sharing session in late March 2020 on latest data on water quality and eutrophication in Cultus Lake, and best practices in the region that could help mitigate nutrient concentrations in the lake.
- **Invasive species:** CLASS will collaborate with Fraser Valley Invasive Species Society to survey the area around the lake for land-based and aquatic invasive plants, and share the data with B.C.'s invasive species response team; and develop informative community workshops for 2020.
- CLASS supports expansion of provincial zebra mussels boat check stations and hours of operation.

Fraser Valley Illegal Dumping Alliance (FVIDA)

- FBC continues to support the Fraser Valley Illegal Dumping Alliance into 2020, to reach out to youth, educators and other like-minded groups and First Nations to address illegal dumping issues. FBC is seeking funds to enable it to continue its secretariat service to FVIDA.

For more details, please contact:

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