



The following are highlights of Fraser Basin Council's current work in the Fraser Valley.

#### Adaptation Canada 2020

- With the support of Natural Resources Canada and other sponsors, Fraser Basin Council is coordinating and facilitating the Adaptation Canada 2020 conference in Vancouver from Feb. 19 to 21, 2020. This conference brings experts and leaders from diverse sectors, regions and jurisdictions to work on responses to the most urgent issue of our time — how to build climate change resilience in our communities, ecosystems and economy. Registration is sold out but interested people are encouraged to join a waiting list. Volunteers are invited to apply. See conference details at [adaptationcanada2020.ca](http://adaptationcanada2020.ca)

#### Lower Mainland Flood Management Strategy – LMFMS highlights

- **Dike seismic vulnerability** – The contracted consultant Golder has begun borehole drilling and analysis to update current data on the seismic vulnerability of Lower Mainland dikes. There are some delays in some jurisdictions with regards to securing municipal permits and Heritage Conservation Act permits.
- **Ecosystems inventory** – Work continues on the identification and mapping of ecosystem classes through the Fraser Valley floodplain, to include in flood management strategies. Provincial government data on sturgeon and eulachon is now included on the online Flood and Environment Atlas. See the atlas at [www.cmnbc.ca/atlasgallery/lower-mainland-flood-and-environment-atlas](http://www.cmnbc.ca/atlasgallery/lower-mainland-flood-and-environment-atlas)
- **BC Storm Surge Forecast** – The 2019-2020 almanac and tide calendars are at [www.stormsurgebc.ca](http://www.stormsurgebc.ca)
- **Flood Risk Governance** – The Leadership Committee continues refining criteria for a new regional authority, its prerequisites, principles and scope, which will work with existing jurisdictions on flood resiliency and management. FBC has met with provincial ministers regarding the interest in a provincially mandated flood management authority to oversee implementation of the flood strategy.
- **Lower Mainland Flood Risk Assessment** – Significant work has been done acquiring necessary data and drafting surveys of local governments and non-residential properties to collect additional flood risk information.
- **Hydraulic Modeling and Mapping** – Flood strategy partners can request modeling and mapping results from the FBC flood strategy team. Partners can use the applications to analyze flood scenarios and risk assessment.

#### Cultus Lake

- **Cultus Lake:** In partnership with the Fraser Valley Watershed Coalition and with funding from the Canada Nature – Aquatic Species at Risk fund, FBC has begun plans for Cultus Lake summit for March to discuss current environmental challenges in the Cultus Lake watershed and possible sustainable actions.
- **Invasive species in Spring Creek:** Cultus Lake Stewards and the FV Invasive Species Society are working with the province to identify what may be the invasive curly leaf pondweed (*Potamogeton crispus*) in Spring Creek. Once identification is confirmed with the Early Detection Rapid Response Coordinator with FLNRORD, CLASS will assist FVISS with removal as needed. CLASS is exploring why Spring Creek is filling with silt, as it ruins the site as a spawning area for salmon that spawn at creek confluences in the lake.
- CLASS will help FVISS survey the watershed for invasive plants, and to develop workshops in 2020.

#### Fraser Valley Illegal Dumping Alliance (FVIDA)

- FBC continues to support the Fraser Valley Illegal Dumping Alliance into the new year, by reaching out to educators and building the network with other like-minded groups and local First Nation to address illegal dumping issues. FBC also seeks funding in the weeks to come to continue its secretariat service to FVIDA.

#### Coded Wire Tag program to identify Chinook and Coho

- FBC Fraser Valley staff continues to gather input from local recreational anglers and representatives on ways to boost participation in DFO's Salmon Head Recovery – Coded Wire Tag (CWT) program in the region in 2020.

For more details, please contact:

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