

**LANGLEY FIELD NATURALISTS PRESENTS**  
**THE DISASTROUS 2021 BC FLOODS!**



**Date: November 21, 2024 - Time – 7:30 By: Dr. John Clague: Department of Earth and Sciences, SFU**

The flooding in southern British Columbia in November 2021 was one of Canada’s worst natural disasters, with economic losses estimated to be \$7.5 billion. Although atmospheric rivers are common in coastal BC, two that happened in rapid succession in mid-November 2021 can be termed the “perfect storm” – They were strong in terms of their duration and total amount of moisture; they crossed and temporarily stalled over the populated south coast of BC; and they happened after BC’s second worst wildfire season and early autumn snowfall in the mountains. All roads rail lines connecting the metropolitan Vancouver area to the rest of the province and the rest of Canada were disabled by floodwaters and debris flows, and remained so for several weeks, closing the Port of Vancouver between Canada and Asia. In this presentation, Dr. Clague will review this disaster and address the questions:

**“Why weren’t we prepared? Could it happen again?”**

**Langley Community Music School. 4899- 207 St Langley, BC — Everyone is welcome!**