



## BACKGROUND

Climate Change: Nova Scotia focuses on the 2012 flood event and damage in Truro, Nova Scotia. The damage to local businesses and private homes is examined in detail and first-hand accounts from local residents run throughout the video. The video also addresses potential solutions and how the community has begun to put itself back together.

### CURRICULAR CONNECTIONS:

**Grade 8:** *Water Systems on Earth*,

**Grade 10:** *Science Weather Dynamics, Environmental Science 120: Investigating Environmental Issues*

## PROJECT

The Town of Truro had taken steps over the years to prepare itself for potential flood risks (zoning laws, construction of dikes, etc); however, in spite of the measured steps taken, the town and surrounding area still suffered millions of dollars in damage from the 2012 flood. Your task is to evaluate your own community's emergency preparedness against a flooding disaster. If your community is not near a coastal area or large body of fresh water, evaluate another climate factor that should be prepared for (i.e. extreme temperatures, drought, extreme storms, wildfires, etc).

Research any official plans in place and the steps that have been taken in your community to mitigate possible damages (e.g. zoning, built infrastructure, setback regulations, etc). Write a short piece on your community's preparedness and where you think changes could be made (and if they're feasible given your community's current situation).



## DELIVERABLES

1. 500+ word summary of your community's current plan
2. Recommended additional steps along with their feasibility

## CONCEPT QUESTIONS

1. . What events led to Truro experiencing such intense flooding?
2. How did the flood cause damage to local businesses and residences? What were the consequences of such a high volume of water moving through the town in such a short period of time?
3. What obstacles do people and businesses have to overcome if they wish to move away from a flood zone?
4. . How have the community and local governments reacted to the flood? What steps have they taken to prevent something like this happening again? How do residents wish the government would act?

## FOR MORE INFORMATION VISIT:

[WWW.FUNDY-BIOSPHERE.CA](http://WWW.FUNDY-BIOSPHERE.CA)



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