

Results of regional groups' brainstorming: hazard surveys- Northern Ontario	
WATER	
Erosion from logging	external
Located on flood plain	external
Water pipes in ceilings	internal
Sprinkler systems	internal
Dehumidifier (clogged drain/human error-not emptied)	internal
Leaking roof/flashings/gutters	internal
Damaged/clogged/disconnected rain water leaders	internal
Improper grading around building- rain & snow run-off	internal
Basement level window wells	internal
Underground streams/springs	both
High water table	external
Sump pump failing	internal
Ground water – improper drainage – run off	both
Sewage	both
Snow – excess – build up – snow loads	both
Snow-thaw	both
Ice build up – damming	both
Snow removal issues – too much or too little	both
Flash flooding	external
Micro bursts	external
Extreme weather	external
Poorly maintained/old plumbing equipment	internal
Poorly maintained/old radiators & pipes	internal
Condensate drain-AC unit	internal
Burst frozen pipes	internal
Inadequate storm sewer capacity (back-ups)	external
Excess humidity	internal
Leaky doors & windows	internal
Vandalism (e.g. plugged toilet)	both
Human error (e.g. leaving tap running)	internal
Garden/lawn sprinkler	internal

FIRE	
Location in the bush	external
Lightning	external
Lighting, wiring, extension cords	internal
Tenants	both
Film crews	internal
Electrical panel boxes	internal
Smoking	internal
Demonstrations: blacksmithing, re-enactments, steam engines, etc.	internal

Vandals, arsonists	external
Other businesses/industry – nearby or adjacent	
Storage – chemicals, cleaning supplies	internal
Cooking demonstrations – stoves, candles, fireplaces – open flame	internal
Staff areas: equipment, garbage	internal
Heating sources: furnaces, portable heaters	internal
Wood storage, propane, cylinders	internal
Inadequate fire protection: alarms, extinguishers	internal
Inadequate safety procedures	internal
Poor housekeeping	internal
Rodents chewing wiring	internal
Distance from fire hall	external
Use of electrical tools in programming (e.g. glue gun)	internal
Construction/restoration project	internal
Smoking areas	internal
Brush fire	external
Forest fire	external
Dumpster fire	both
Derelict building nearby	external
Railway/airport nearby	external
Hazardous material in collection (e.g. nitrate film)	internal
Controlled burns	external

EXPLOSION	
Gas heating	both
Chemical storage, paints	internal
Neighbours: rail lines, businesses, industry	external
Equipment: BBQ, air conditioning units	internal
Artefacts: explosives, dynamite, cartridges, nitrate film, hand grenades	internal
Bomb threats, terrorism	external
utilities	both
fireworks	external
Construction/restoration projects	internal
Highway/mine blasting	external
Car crashes	external

MEDICAL	
Heart attacks other medical conditions	external
No 911 capacity	external
Allergic reactions: bee stings, wasps	external
Trees falling, limbs	both
Falls, slips, tripping	internal
Ice falling	both
Frostbite	external
Heat stroke, sun stroke	external

Hazardous materials	
Food poisoning, allergies	internal
Water quality	both
Demonstrations: blacksmithing, saw mill operations, etc.	internal
Vandals hurting themselves on your site	both
Bodies of water	external
Construction/restoration projects	internal
Clothing – historical costumes	internal
Rodents: mice, bats, pigeons – feces parasites, viruses)	both
Bears & other wildlife	both
Staffing issues – lone workers	internal
Remote locations, slow response times	external
Buildings and collections: mould, taxidermy, asbestos etc.	internal
Workshops: saws, tools, chain saws	internal
Derelict buildings	external
Age of visitors (young & old- prone to medical conditions)	external
Open flame	internal
Military re-enactors	internal
Large outdoor artefacts (climbing)	internal
Program/craft activities	internal
Large scale events	internal
Climate extremes	external
Snow/ice falling from roof	both
Artefact conservation treatments	internal
Long ambulance response time	external
Inadequate staff H&S training	internal

THEFT AND VANDALISM	
Security systems – lack of or inadequate	internal
Visitors	external
Remote locations	external
Seasonal operations	internal
Out building security	internal
Inadequate locking mechanisms	internal
Shrubs, trees-good cover	internal
Poor lighting	internal
Potential hazardous materials: terrorism or ‘local nut’	
Poor key control – staff or volunteer turnover	internal
Poor lock up procedures or training	internal
Staff and volunteers	internal
Unsecured display methods and displays	internal
Large crowds	both
Rentals, alcohol	both
Construction/restoration projects (scaffolds, tarps)	internal
Outreach programs	internal

Outdoor exhibits	internal
Large amounts of cash on hand	internal
Off-season snowmobilers	external
alarms-evacuated building left empty	both
Halloween/ Devil's night	external
Other uses of surrounding parkland	both

OTHER	
Snowmobiles driving over property	external
Four wheel drives	external
Electric wheelchairs, scooters	both
Hunters	external
Animals getting into buildings	both
Uranium in the collection	internal
Pharmaceutical collections	internal
Playgrounds	both
Camp sites	both
Marinas	both
Area-wide evacuation	external
Hiway closure	external
Heavy smoke (e.g. forest fire)	external
epidemic	external
Power failure	external
livestock	both
Riots/strikes	external
Protests (controversial exhibitions)	external
Difficult visitors	both
Grow-ops/crime	external
Major insect infestation	external
Polar bears (Cochrane- getting out, not coming in!)	both