Hazard, Risk, Vulnerability Analysis

"Building a safer future through effective partnerships of local government, emergency services, private sector, volunteer agencies and the residents of the Regional District of Bulkley-Nechako."

About the Project

Environmental hazards, such as flooding and urban interface wildfires, are increasing in scope, intensity, and frequency throughout the Regional District of Bulkley-Nechako (RDBN). These hazards pose a risk to our residents and expose our diverse region to vulnerabilities.

In response to this, the RDBN is working to improve its overall emergency management system by completing a Hazard Risk Vulnerability Analysis (HRVA) for each of the Electoral Areas. The HRVA is a first step in order to:

- build collective community understanding of what emergency hazards exist throughout the RDBN; and,
- create activities that improve our awareness and resilience to emergencies throughout the RDBN.

The HRVA's will be completed over the next two years and include the participation of municipalities, First Nation communities, local community members, emergency response agencies, and Elector Area representatives. The project is funded through the Northern Capital and Planning Grant.

What is an HRVA?

The HRVA is a process which identifies the **likelihood** and **severity** of consequences a community could experience during an emergency event. The HRVA process is an analysis of:

Potential Hazards

sources of harm to human health, property, the environment, and other things of value

Risks

likelihood that a hazard will occur and the severity of impacts

Vulnerabilities

Conditions determined by physical, social, economic, and environmental factors which increase the impacts of a hazard on a community

Impacts

Understanding impacts that a hazard may have on identified vulnerabilities

Resiliency Planning

creating goals and identifying strategies to help a community be better prepared and resilient to an emergency