

# HAZARD VULNERABILITY ASSESSMENT APPLICATION

**Submit with Development Application or other permit application form(s)**

## INSTRUCTIONS TO THE APPLICANT

On behalf of the Planning Authority, the Town and Country Planning Department requires that a Hazard Vulnerability Assessment be conducted due to the hazards of concern related to your proposed development as listed below:

- Or -

Personal/Voluntary Request for a hazard assessment, please complete the application and also identify any additional information that you have regarding proposed development or specific concerns as listed below.

<input type="checkbox"/> Potential Landslide Risk due to Steep Slope and/or proximity to ghut	<input type="checkbox"/> Storm surge risks due to the proximity to coastline	<input type="checkbox"/> General: Land uses proposed in designated vulnerable areas
<input type="checkbox"/> Drainage issues due to proximity to ghut and/or to steep slope	<input type="checkbox"/> Erosion and Sediment Control	<input type="checkbox"/> Other issues identified:
<input type="checkbox"/> Excessive Excavation or inadequate information supplied for slope stability mitigation measures	<input type="checkbox"/> Drainage Issues	
<input type="checkbox"/> Slope Stability issues due to nature of topography and adjacent lands uses	<input type="checkbox"/> Drainage Issues as related to Septic Tank Location	
<input type="checkbox"/> Potential Flood Prone Area	<input type="checkbox"/> Seismic Impacts due to location of development	

***A copy of your planning application and plans must be submitted to the Department of Disaster Management (DDM) before an assessment can begin.***

The report will be completed within two (2 weeks) of submittal to the DDM. If further time is needed due to insufficient information or other defined reasons, the applicant will be contacted. For further information, please contact the Senior Technical Planning Manager or the Technical Planning Officer at (284) 468-4200 or at 468-4204.

Signed by: \_\_\_\_\_ (TCPD Officer or Personal Applicant)

Date: \_\_\_\_\_

Hazard Vulnerability Assessment Application

Project Name: \_\_\_\_\_ Date: \_\_\_\_\_

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**Hazard Vulnerability Assessment Application**

Project Name:	Project Location: _____ Parcel: _____ Block No: _____
Application No.:	Project Descriptions:
Date HVA Requested and Submitted to DDM:	<i>To be completed by DDM:</i> HVA Completion Date

**Owner's Name:**

\_\_\_\_\_

**Owner's address, phone #, and email:**

\_\_\_\_\_

\_\_\_\_\_

**Authorized Agent:**

\_\_\_\_\_

**Address, Phone #, and email of authorized agent:**

\_\_\_\_\_

\_\_\_\_\_

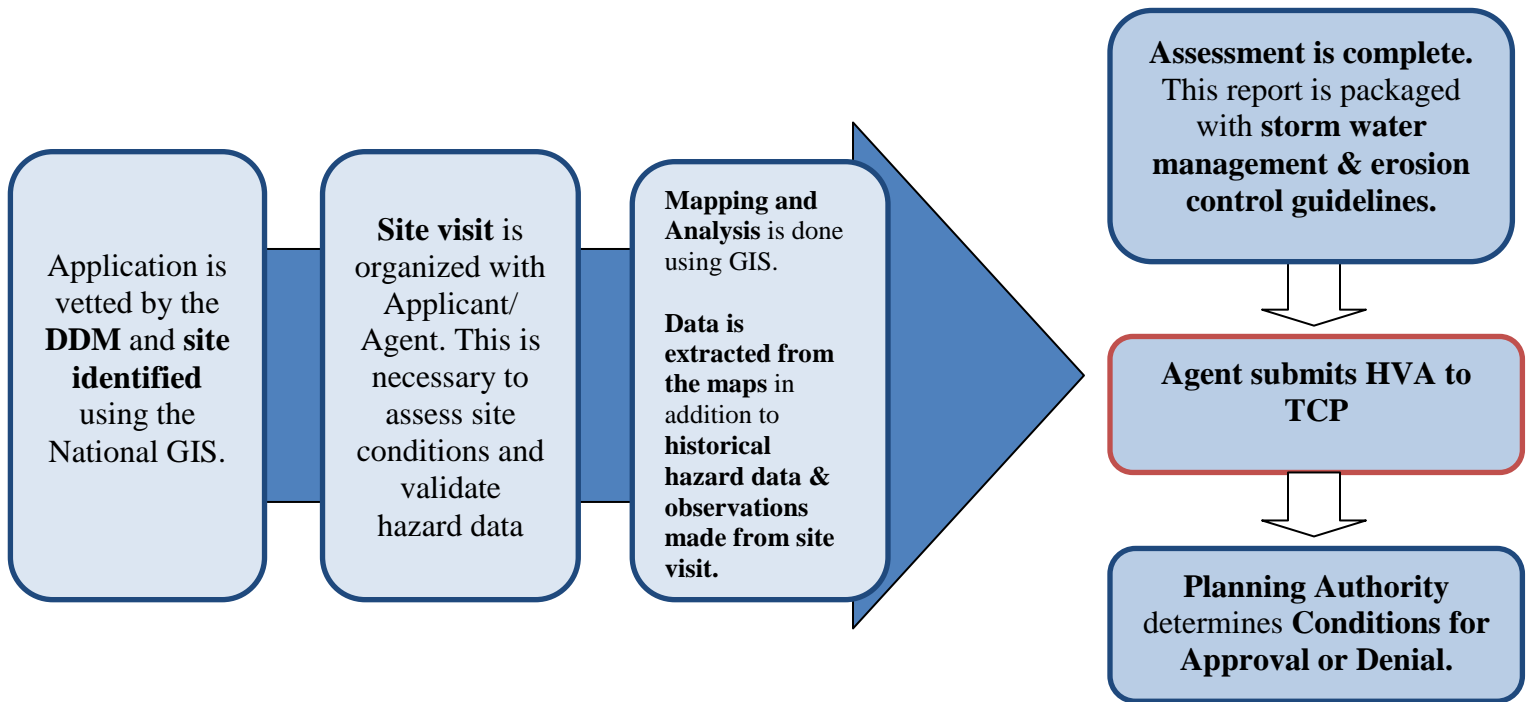
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**Paid:** \_\_\_\_\_

**Please Collect Payment:** \_\_\_\_\_

**Receipt No.:** \_\_\_\_\_

### HVA within the Development Application Process



### Hazard Vulnerability Assessment Report Background Information

#### Introduction

This report contains high level assessments of hazards relating to some natural or man-made events that may affect this property. The report is based on geological mapping and scientific models. **The report does not replace a site investigation or an engineering report.** The purpose of the hazard report is to provide a better understanding of the hazards that may affect a property.

#### What is the purpose of this report?

You may be looking for more background information on natural and man-made hazards that may occur. This report will contains information on natural hazards in the British Virgin Islands (BVI) and explains the meaning of the expressions used in the Hazard Vulnerability Assessment.

#### What is a natural hazard?

A natural hazard is a process taking place in the natural environment that potentially impacts on human life, property, or both. More specifically the term “natural hazard” refers to atmospheric (e.g cyclones), hydrologic (e.g. flooding), and geologic (e.g. earthquake or volcanic eruption). The qualifier “natural” eliminates such exclusively man-made phenomena as pollution, noise and chemical contamination. “Natural hazard is a process taking place in the natural environment that potentially impacts on human life, property, or both”

***What are common hazards in the British Virgin Islands?***

Hazards having a human and financial impact on BVI are:

- Landslides
- Flooding
- Earthquakes
- Coastal hazards
- Climate and weather related hazards

***When is a hazard of concern?***

A hazard assessment is based around three major elements:

- The susceptibility of an area to specific hazard;
- The likely strength or intensity of an event when it occurs (ie what is the potential for damage); and
- The likelihood or chance of such an event occurring.

The Hazard Vulnerability Assessment Report primarily assesses the “susceptibility” of an area to a hazard. When sufficient information is available on the intensity and likelihood of such an event occurring, an indication of the level of “risk” is provided.

A hazard is of concern when the area is susceptible to the hazard, the hazard can result in considerable damage and the chance of the event occurring is high (“high risk”). Sometimes the risk can not be fully assessed due to insufficient information. In that case the assessment is limited to “susceptibility” instead of “risk”. It should also be noted that “risk” is a technical term. The “perceived” risk by communities may differ from the risk as calculated by experts. Tolerance of risk also differs from person to person. Hence the information provided in the Hazard Vulnerability Assessment Report is as inclusive as possible enabling individuals to validate their own assessment.