LOGISNET

ASSESSMENT OF LANDSLIDES SUSCEPTIBILITY

(README FIRTS)

by

Gabriel Legorreta Paulín

Instituto de Geografía, UNAM/ Department of Geology, SUNY at Buffalo

In this research, stability is modeled by using LOGISNET, an acronym for Multiple Logistic Regression, Geographic Information System, and Neural Network. The main purpose of LOGISNET is to provide government planners and decision makers a tool to assess landslide susceptibility. The system is fully operational for models handling an enhanced cartographic‑hydrologic model (SINMAP) and multiple logistic regression.

LOGISNET.ZIP contains the digital version of LOGISNET code. Installation. A file called LOGISNET.ZIP has all menus, aml programs, symbol libraries, and help files to run LOGISNET property. The first step is to unzip the file by using the Winzip program. The download must be under the subdirectory C:\WORKSPACE. Figure 1 shows the general structure of LOGISNET.

Also, a LOGISNET manual and a quick tutorial is provided. File LOGISNETTUTORIAL.ZIP appendix provides an introduction of menus, options, and the steps required to undertake a LOGISNET analysis. The file has the manual and the quick tutorial of LOGISNET.

For more information contact **Dr. Gabriel Legorreta Paulín.**