Procedure to Convert AnnAGNPS V1 Input file Format to AnnAGNPS V2 Input File Format

In order to run files that were produced for use with Version 1 of AnnAGNPS with Version 2, some steps are needed. The most prominent change was in the elimination of the Cell Profile Data Section, which was used to determine the RUSLE LS factor. The other major change was in the redefinition of the 'Re-consolidation Half-Life' in days to the 'Time of Consolidation' in years. A half-life of 365 days would translate to about four years for a 95% time of consolidation.

For the LS factor change, the user can now either enter the LS factor directly or enter the Sheet Flow, Shallow Concentrated Flow, and Concentrated Flow slope and length parameters. If the user generated the Cell Data section parameters from the application of TOPAGNPS and AGFLOW, then the user can rerun those programs to generate a file named 'AnnAGNPS_Cell.dat'. By using the Input Editor, this file can be imported (see Figure 1) such that the slope and length parameters for the LS calculation are placed in the old data file.

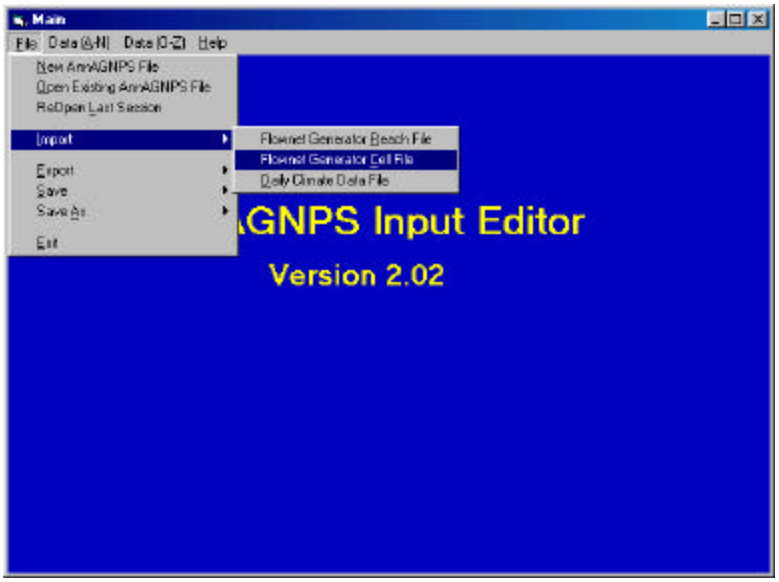

Figure 1. Import procedure for Cell Data.

The AnnAGNPS_Cell.dat file is then selected (Figure 2).

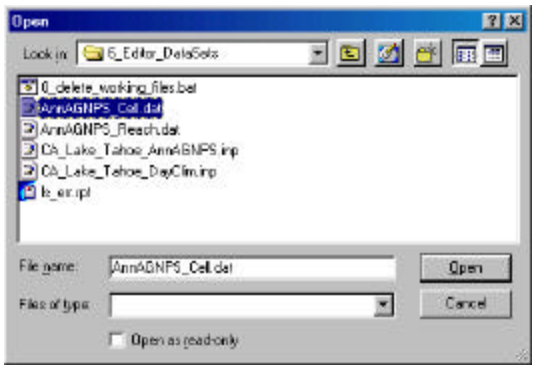

Figure 2. Selection of the AnnAGNPS_Cell.dat for importing into the Input Editor.

The 'Import LS Factor Data' option is selected (See Figure 3) that will import only the parameters needed for the LS calculation.

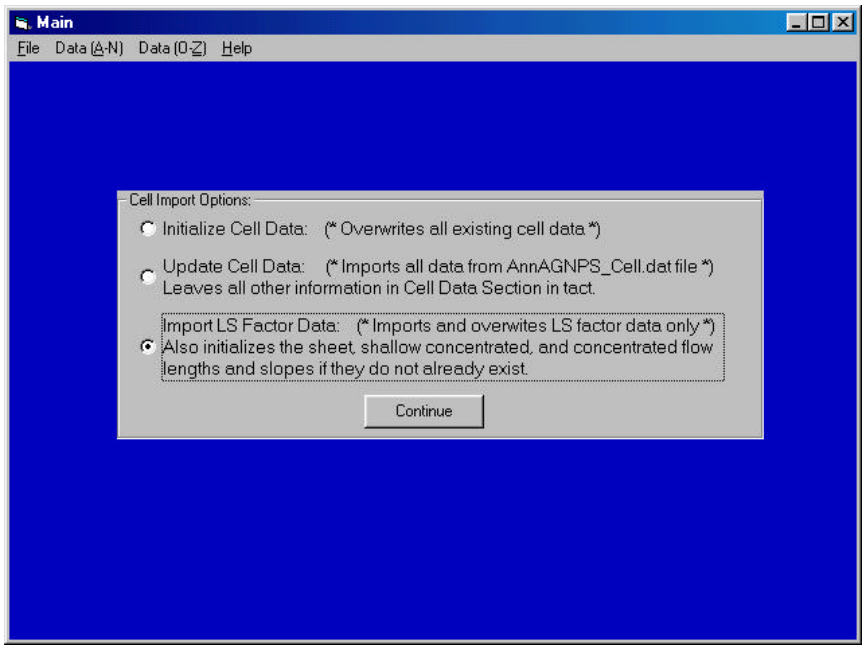

Figure 3. Selection of the 'Import LS Factor Data' option.

After this option is selected and continue is selected, the appropriate parameters will be written to the Cell Data section. The user then needs to Accept the changes and save the file to the appropriate file name.