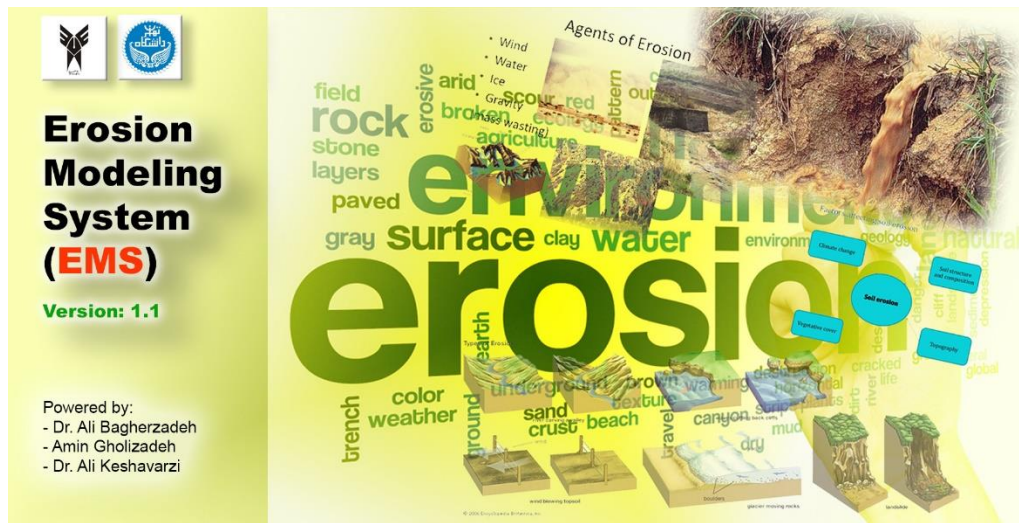


Erosion Modeling System (EMS)



Description

The algorithms of software for estimating soil losses and sediment production as well as erosion risk are based on the equations of each model. The program has been written in Delphi Programming language. The parameters are given in an Ms-Excel format file to SEE. The output results can also be demonstrated in Ms-Excel format. The software has the ability to show regression equation between the influencing parameters and the SEE derived by each equation. The software has been designed quite user friendly and conducts the user correctly through the calculations step by step and don't allow the user to make a mistake. It is compatible with 32 and 64-bit windows operating system types.

The output tables and screenshots of the software calculations has been shown below:

