Update 18.1 (August 3, 2012):

1. When e_o is not given, the print of Ss in "Print as Text" and "Export to Excel" were not correct. However, the displayed results and those in the printed report are correct. The problem was fixed.

2. In 3-D, when rotated 90 degrees, the (x,y) displayed in tabulated results ("vertical stress including overburden") may not correspond to specified values. However, calculations are correct. The problem was fixed.

To install this update, please replace your earlier versions of **FoSSA(2.0).exe**. Also, if Help is outdated, please copy the **FoSSA(2.0).chm** file into the same directory as FoSSA(.0).exe.

How to copy the downloaded files into the correct directory? You can use Windows Explorer to copy the file to the folder where your current FoSSA(2.0) is residing to replace older version of the *.exe. If you do not know what folder contains the current FoSSA(2.0), click on Start, then on Search and type in FoSSA(2.0).exe. This should identify the folder where FoSSA is installed. The default installation address of FoSSA is:
C:\Program\Files\ADAMA\FoSSA(2.0)

Update 18 (February 7, 2012):

When calculating ELASTIC settlement, if there are layers having thickness less than 0.10 m, the calculated settlement along some sections might be 'unstable' producing at this sections very small or very large settlements (compared with adjacent sections when a layer thickness is >0.1 m). This instability was corrected.

Update 17.1 (October 20, 2010):

When calculating secondary settlement for cases where e_o is **not** given, S_s value appearing on the screen (table) is incorrect; printed report is correct. The value was corrected as well as some clarifying notation for such a case was added to tables.

Update 17 (February 16, 2010):

When using inhomogeneous single layer, under some circumstance program FoSSA may not consider correctly the maximum past pressure for ultimate settlement calculations (relevant to OC clay only). Also, the time-rate calculation under the same circumstances could be incorrect. These two problems have been fixed.

Update 16.1 (November 6, 2009):

In a few input data tables, when clicking the mouse while the courser was not over a cell, the program crushed. This bug has been fixed in Update 16.1.

Update 16 (December 31, 2008):

Previous updates of FoSSA allowed for up to 50 different consolidating layers, each having its own consolidation parameters and each consolidating at its own rate. However, each layer was homogeneous having clear boundaries that are either draining at the top, at the bottom or at the top and bottom. In **Update 16** the user has an option to select a single **inhomogeneous** layer which can be subdivided into up to 10 homogeneous sublayers. Each sublayer may have its own thickness, e_o, C_c, C_r, σ_p, and, most importantly, C_v. Only the top and bottom sublayers may or may not be free draining at their outer boundaries. Flow through each sublayer is constrained by flow through sublayers above or below thus making time-rate computations quite complex.   FoSSA now computes the time-rate consolidation (yielding non-smooth isochrones) and the respective settlement of the layer at any time. The computations utilize a numerical approximation which is suitable for practical purposes. After updating your FoSSA, it is highly recommended that when choosing the inhomogeneous consolidating layer option, the user should retrieve the Help (press F1 or click on '?' on upper right corner of dialog) to understand the approximation and its practical implications. Such an understanding may indicate when the use of the inhomogeneous layer is practically needed.

Update 15.1 (10 October 2008):

If your operating system is XP and your IT management does not allow you to upgrade Internet Explorer (IE) to a higher version than 6, you may not be able to see the images embedded in Help. In such a case, FoSSA Update 15.1 has a patch that will enable you to see the images with IE 6. It will not affect the performance in higher IE or Vista.

Thank you for using FoSSA.
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