This ISOLA distribution contains all codes (Matlab GUI and Fortran executables) in two folders, zipped as **isola_GUI_2018.zip** and **isola_FORTRAN_2018.zip**. Unzip these files in your computer as, e.g., *c:\isola_GUI_2018* and *c:\isola_FORTRAN_2018*, and then add c:\isola_FORTRAN_2018 to your System path.

Remark 1: Use of drive C is not obligatory; it is given here as an example.

Remark 2: In principle a single folder would be also usable, e.g. c:\isola, but we suggest the use of two folders for clarity. In the case of a single folder then this folder must be added *both* in the System path *and* Matlab path.

[System path: Right mouse click on My computer icon, Properties, Advanced, Environment Variables, System Variables, Path, Edit, where editing means to add a folder, e.g. c:\isola_FORTRAN_2018 after the last semicolon ';' symbol. Then press OK and *restart* your computer.]

Example of possible paths for ISOLA related software
c:\gmt\bin ... [for GMT]
C:\programs\GMT4\bin [for gawk]
c:\msdev\bin;c:\g95\bin ... [for compilation]

ISOLA GUI must be added in the Matlab path.

[Open Matlab, File, **Set Path Add with subfolders** option]: and select the c:\isola_GUI_2018 folder

Then your Matlab path should contain
c:\isola_GUI_2018
c:\isola_GUI_2018 \hcplot
c:\isola_GUI_2018 \stereonets
C:\Program Files\MATLAB\R2010a\m_map   (or similar path to m_map)

Remember to install (<u>at least</u>) the following Matlab toolboxes: Control System Toolbox, Filter Design Toolbox, Mapping Toolbox, Signal Processing Toolbox, Statistics Toolbox, System Identification Toolbox and M_map (https://www.eoas.ubc.ca/~rich/map.html).

After installation type `chkinst` in Matlab's command window and check the output for possible errors.

The correct installation should result in the output like this (results depend on the naming of the installation folder/path):

Checking if isola.m is in Matlab path
Found isola.m in C:\Program Files\MATLAB\R2009b\isola_dev\isola.m
Checking for m_map
Found m_gshhs.m in C:\Program Files\MATLAB\R2009b\m_map\m_gshhs.m
Checking for Stereonets package.

Found Stereonet.m in C:\Program Files\MATLAB\R2009b\stereonets\Stereonet.m
It seems that Mapping Toolbox is installed.
It seems that Control System Toolbox is installed.
It seems that Signal Processing Toolbox is installed.
It seems that Statistics Toolbox is installed.
It seems that System Identification Toolbox is installed.
It seems that GMT is installed. OK. Make sure you have high resolution
coastlines installed also.
It seems that gsview is installed. OK. Make sure it has the name
gsview32.exe (in windows).
It seems that isola FORTRAN CODE is installed. OK.
It seems that gawk is installed. OK.

The latest ISOLA GUI versions allow the user to select between GMT version (4 or 5) and Postscript file viewer (gsview32, gsview64 or some other code). This is done through the **isolacfg.isl** file located in the ISOLA GUI folder. Open this file with a simple text editor and edit the following lines, accordingly, take care of the formatting.
GMT version: 4
PS FILE VIEWER: gsview64