# System requirements

The software has been written and tested on 64-bit windows 10, and requires a minimum of 8GB RAM and1600x900 display resolution. It may work on earlier versions of windows. The original Matlab files (2016a) are also available on request, and should be platform independent. Please contact mark.fricker@plants.ox.ac.uk

# Download and installation

The program is packaged in a zip file with a \*.mdf extension to allow it to be uploaded to a Wordpress website. Before you can run the program the extension has to be changed to \*.exe.

Once you have renamed the program, it should automatically check whether the correct version of the Matlab Runtime Library is installed. If not, it will download the requisite files from the MathWorks website and install them in the default Matlab directory (C:\Program Files\MATLAB\MATLAB Runtime). The Runtime Library is around 800MB as it contains the main Matlab program and various toolboxes called by the Redox Ratio Software. It is recommended that you have a good high speed internet connection. The Runtime library can also be downloaded from the MathWorks website:

http://uk.mathworks.com/products/compiler/mcr/?s\_tid=srchtitle

The installation will then unpack and install the Redox Ratio Analysis program in its default directory (C:\Program Files\MDF\RRA) and gives an option to add an icon to the desktop.

# Additional programs required

To produce high-quality pdf output, the program also uses the Ghostscript package available from:

<http://www.ghostscript.com/download/>