

Installing Zonae Cogito 1.74 on your computer

You will need to complete these steps when preparing your computer to use Zonae Cogito. It is necessary to complete steps 1, 2, and 6. Steps 3-5 are optional and are for specific functionality within Zonae Cogito (3-4 for cluster analysis, and 5 for using C-Plan in Zonae Cogito).

****Note:** it is necessary to have Marxan version 2.43 or above and/or Marxan with Zones 2.01 or above to use Zonae Cogito 1.74.

<http://www.uq.edu.au/marxan/index.html?page=77064> ******

1. Install Map Window Active X control

- ❖ Ensure you are logged in as an administrative user,
- ❖ Download the Map Window Active X 4.5 control from the Zonae Cogito download page: <http://www.uq.edu.au/marxan/index.html?page=106746>
- ❖ ****You must use version 4.5****
- ❖ Run the Map Window Active X control executable (.exe),
- ❖ Use all default settings to complete the install.
- ❖ It may also be necessary to issue the following command in a startup script to register the Map Window active X component: `regsvr32 "C:\Program Files\Common Files\MapWindow\MapWinGIS.ocx"`
- ❖ If during the installation you get an Error message similar to "Unable to register OCX MapWinGIS.ocx", please select the "Ignore" option.

2. Install Zonae Cogito

- ❖ Ensure you are logged in as an administrative user,
- ❖ Download Zonae Cogito from the Zonae Cogito download page: <http://www.uq.edu.au/marxan/index.html?page=106746>
- ❖ Run the Zonae Cogito setup executable (.exe)
- ❖ Use all default settings to complete the install.

3. Install R if you do not already have it on your computer (to use cluster analysis function)

- ❖ Ensure you are logged in as an administrative user,
- ❖ Download R from: <http://www.r-project.org/>
- ❖ Run the R setup executable (.exe),
- ❖ Use all default settings to complete the install.

4. Install R packages (to use cluster analysis function)

- ❖ Ensure you are logged in as an administrative user,
- ❖ Download the correct packages (labdsv, rgl, tkrql and vegan) from: <http://cran.ms.unimelb.edu.au/> (or, if you are not in Australia, from your closest

CRAN page- find this by clicking on CRAN under Download, Packages on the main R website page)

- ❖ Save the packages locally as zip files,
- ❖ Launch the R application from the start menu,
- ❖ Within the R application, from the "Packages" menu, click "Install package(s) from local zip files...",
- ❖ Browse to the folder where you saved the zip files,
- ❖ Select the 4 zip files (you might have different versions), "labdsv_1.3-1.zip", "rgl_0.81.zip", "tkrgl_0.6.zip" and "vegan_1.15-0.zip"
- ❖ Click "Open",
- ❖ The 4 packages will now be installed

5. Install C-Plan (to use C-Plan within Zonae Cogito)

- ❖ It is not necessary to install C-Plan if you are only using Marxan,
- ❖ Ensure you are logged in as an administrative user,
- ❖ Download C-Plan version 4 from:
<http://www.uq.edu.au/ecology/index.html?page=106842>
- ❖ Run the C-Plan setup executable (.exe),
- ❖ Use all default settings to complete the install.

6. Finalising the Install

- ❖ We perform the following steps in order to register the MapWindow ActiveX control.
- ❖ Reboot the computer so all the application installed are ready for use,
- ❖ Ensure you log in as an administrative user,
- ❖ Run Zonae Cogito with the administrative login (Start menu>All programs>Zonae Cogito),
- ❖ When running Zonae Cogito, ensure you load an existing project with a map (shapefile), or create a new project that displays a map (details in Creating a New ZC Project in the next section of this manual),
- ❖ This is so that the MapWindow ActiveX component will load and execute at least once with the administrative login. If this does not happen, when a non-admin user attempts to use the MapWindow ActiveX component, it will fail to initialise and Zonae Cogito will not function.

7. Windows 7 and Vista User Access Control

If you are using Windows7 or Vista, you may need to temporarily disable UAC (User Access Control) in to register the Map Window ActiveX control. This will be necessary if step 6 above does not register the map control on your system. This may be apparent as very slow performance of the map control, or as a runtime error when attempting to use the map control.

- ❖ Ensure you log in as an administrative user,
- ❖ Disable UAC with the registry editor;

1. Run the registry editor (RegEdit) by typing regedit at command prompt or at startmenu->run
 2. Locate following registry key:
HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Policies\System
 3. Locate the following REG_DWORD value:
EnableLUA
 4. Set the value of EnableLUA to 0.
 5. Reboot the computer
- ❖ Register the active X control;
On a 64 bit OS;
regsvr32.exe "c:\Program Files (x86)\Common Files\MapWindow\MapWinGIS.ocx"
 - On a 32 bit OS;
regsvr32.exe "c:\Program Files\Common Files\MapWindow\MapWinGIS.ocx"
 - ❖ Enable UAC by setting EnableLUA to 1 with the registry editor,
 - ❖ Reboot the computer.
 - ❖
- You have now completed the install of Zonae Cogito and support software, and it is ready to use.