

GWS: GuidosToolbox Workshop information

Place: Universidad Austral de Chile, Campus Patagonia, Coyhaique

Date/Time: March 21, 2026. 9:00 – 17:00

Abstract:

The workshop will start with an introduction to concepts of digital image analysis tools available in the GuidosToolbox software application. We illustrate various processing options to assess accounting, morphological attributes, fragmentation, and landscape composition on landcover and forest maps. Workshop participants will conduct hands-on exercises on provided sample data sets to learn using the software and discuss the various processing and reporting options. Specific focus will be put on landscape pattern and fragmentation assessment schemes while the remaining time can be filled with exercises on other topics of interest to the course participants.

Intended audience: students, landscape ecologists & planners, digital data analysts.

Further information: <https://forest.jrc.ec.europa.eu/en/activities/lpa/gtb/>

Course preparation: bring your own laptop and install the workshop material (the archive [GTB3.3.zip](#) includes the MS-Windows version of the GTB software, presentations, and all sample data). Please install this archive **before the workshop** and ensure the GTB application starts, following the [instructions](#) below.

In case of installation issues, please contact me (peter.vogt@ec.europa.eu).

Instructions:

Preferred option: Laptop running MS-Windows (Intel/AMD 64bit, Windows 8.1 or newer):

1. Download the archive: <https://ies-ows.jrc.ec.europa.eu/gtb/GWS/GTB3.3.zip>
2. Move the downloaded archive [GTB3.3.zip](#) to your Desktop
3. Right-click on the archive and choose: *Extract here*. Your Desktop now has a new folder named [GTB3.3](#) with sub-folders named [data](#), [guidos_progs](#), etc. If your extracted folder only contains the folder [GTB3.3](#), then move this folder to your Desktop. The extracted folder must show the sub-folders named [data](#), [guidos_progs](#), etc.
4. On your Desktop, open the new extracted folder [GTB3.3](#) and copy the two shortcuts named [GTB](#) and [GTB_Data](#) to your Desktop.
5. On your Desktop, double-click the shortcut [GTB](#). Upon first start, a license document is displayed. Please accept the license conditions to start the application. This is only needed once.
6. All workshop material and presentations are stored in the default GTB data directory accessible from your Desktop under [GTB_data](#).
7. If possible, ensure to have [GoogleEarth](#) installed.
8. You can start playing with the software and/or have a look at the summary presentations [GTB_Data/*.pptx](#) or go through the workshop presentation: [GTB_Data/IUFRO_ChileWS.pptx](#)

Laptop running Linux/macOS (x86_64):

1. Follow the [GTB Installation instructions](#) to install the latest GTB version, **ensure GTB works**.
2. Download and extract the archive: <https://ies-ows.jrc.ec.europa.eu/gtb/GWS/GTB3.3.zip>
3. Move the content of the extracted folder [GTB_Data](#) into your local GTB_data folder: `$HOME/GuidosToolbox/data` (on Linux), or `/Applications/GuidosToolbox/data` (on macOS).