

Geographic Information Systems 2022-2023

Exercise 1 - QGIS Desktop 3.22 - Install and get familiar with the interface

Introduction

In this exercise, you will set up your system to have a fully functional QGIS ver. 3.22 installation. You will also learn to identify the different components of the interface of the software and the workflow to manage data and perform analysis.

1. Install and configure QGIS ver 3.22

QGIS is a free and open source software. It is available for Windows, MacOS and Linux operating systems. The latest version is 3.28, but we will use in our course the latest Long Term Release (LTR) version, 3.22. This ensures updates for a longer period, and a more robust (bug-free) and secure environment.

To download, go to <https://www.qgis.org/en/site/forusers/download.html> and select QGIS 3.22 LTR for your operating system.

Step 1: Download and install QGIS

To download, go to <https://www.qgis.org/en/site/forusers/download.html> and select QGIS 3.22 LTR for your operating system

Step 2: Set up the interface to english

To use standard terms for QGIS operations in english, it is better to configure the interface to that language:

- Go to Settings → Options → General (or Configurações → Opções → Geral)
- Check **Override System Locale** (or **Substituir locale do sistema**)
- Select Translation (or Tradução) to **American English**
- Click OK
- Close and restart QGIS so the changes take effect

2. Documentation

The full documentation of QGIS will be a resource you will need to use often. The documentation is online, but can be accessed from the menu Help → Help Contents