

Risco Geológico

Prof. Dr. Adilson Soares

Introdução ao QGIS

<https://www.qgis.org>

Welcome to the QGIS project!

3.12.0
3.10.3 LTR

DISCOVER QGIS FOR USERS GET INVOLVED DOCUMENTATION

Search

English

Time until freeze 2020-05-15 12:00:00 UTC 53d 20h 20m
Time until packaging 2020-06-19 12:00:00 UTC 88d 20h 20m

QGIS

A Free and Open Source Geographic Information System

QGIS 3.12 București

has been released!

New release: 3.12!

Get the [installer or packages](#) for your Operating System and read the [changelog](#).

Create, edit, visualise, analyse and publish geospatial information on Windows, Mac, Linux, BSD (Android coming soon)

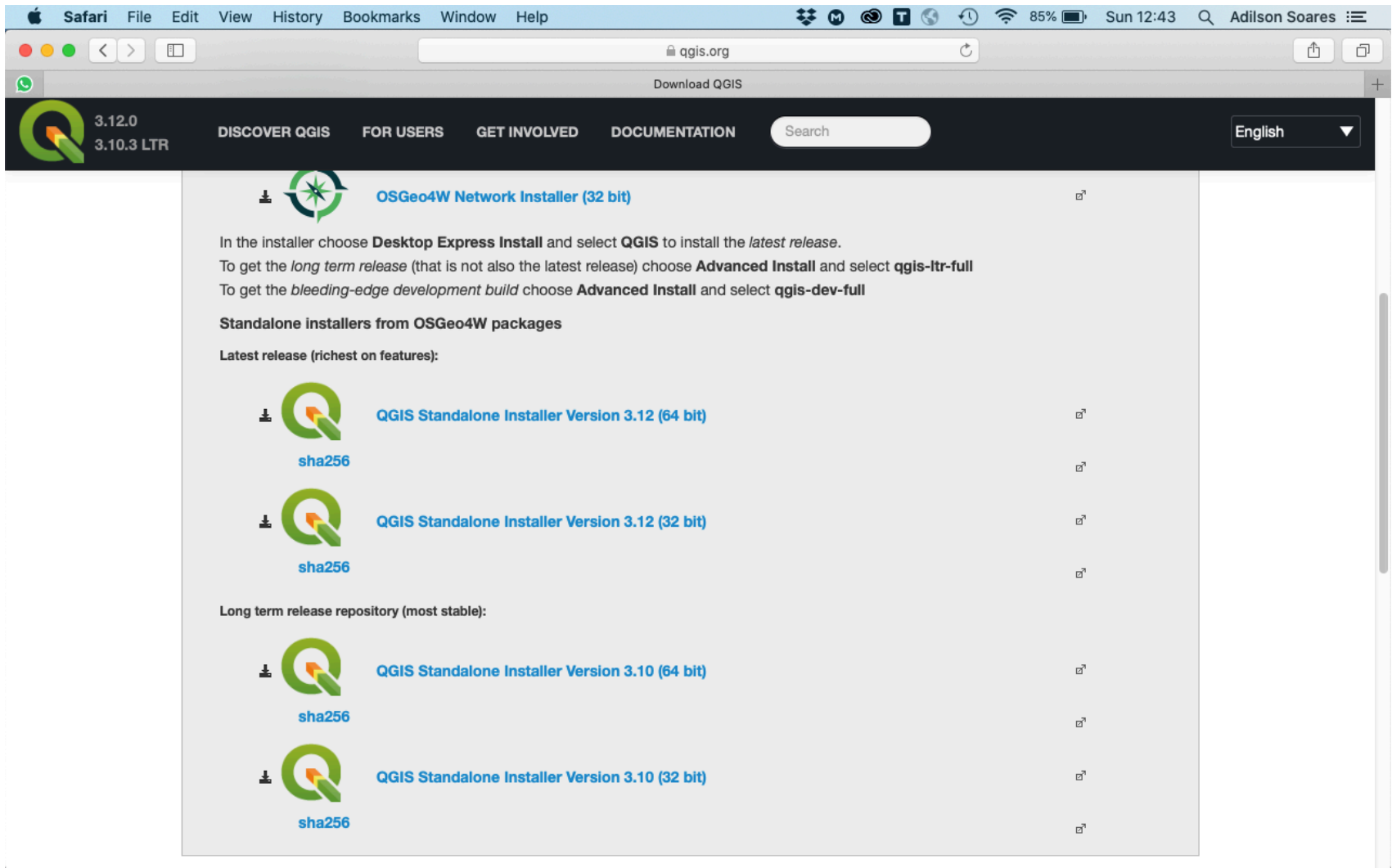
For your desktop, server, in your web browser and as developer libraries

Download Now

Support QGIS

Introdução ao QGIS

- Baixar a versão estável (Long Term Release).
- 32 bit ou 64 bit de acordo com a versão do seu Sistema Operacional



The screenshot shows the QGIS website in a Safari browser window. The address bar displays "qgis.org". The page header includes the QGIS logo, version numbers "3.12.0" and "3.10.3 LTR", navigation links "DISCOVER QGIS", "FOR USERS", "GET INVOLVED", and "DOCUMENTATION", a search bar, and a language dropdown set to "English".

The main content area features a section for "OSGeo4W Network Installer (32 bit)". Below this, instructions are provided: "In the installer choose **Desktop Express Install** and select **QGIS** to install the *latest release*. To get the *long term release* (that is not also the latest release) choose **Advanced Install** and select **qgis-ltr-full**. To get the *bleeding-edge development build* choose **Advanced Install** and select **qgis-dev-full**".

A sub-section titled "Standalone installers from OSGeo4W packages" lists "Latest release (richest on features):"

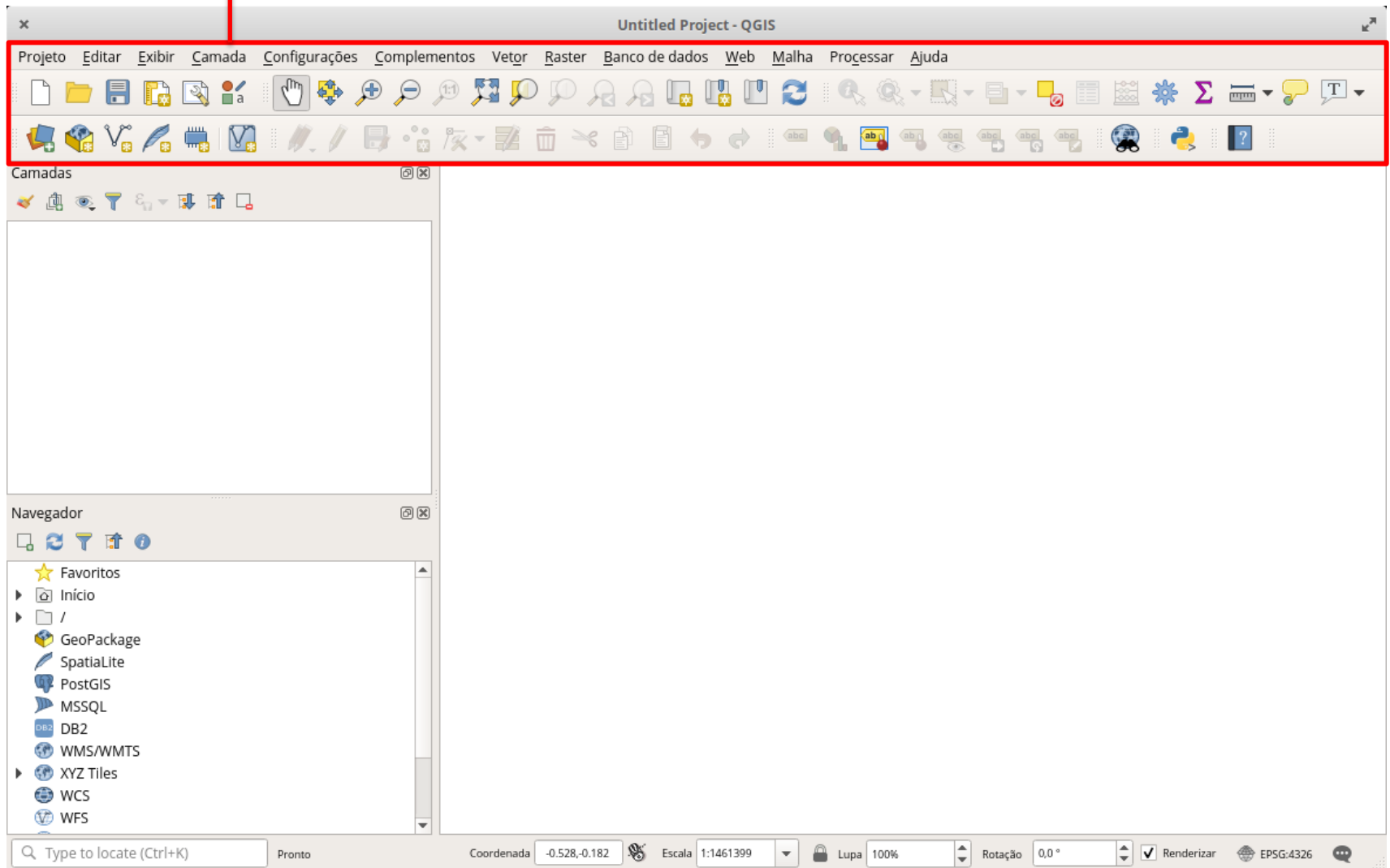
- QGIS Standalone Installer Version 3.12 (64 bit) with a "sha256" link.
- QGIS Standalone Installer Version 3.12 (32 bit) with a "sha256" link.

Below this, a section for "Long term release repository (most stable):"

- QGIS Standalone Installer Version 3.10 (64 bit) with a "sha256" link.
- QGIS Standalone Installer Version 3.10 (32 bit) with a "sha256" link.

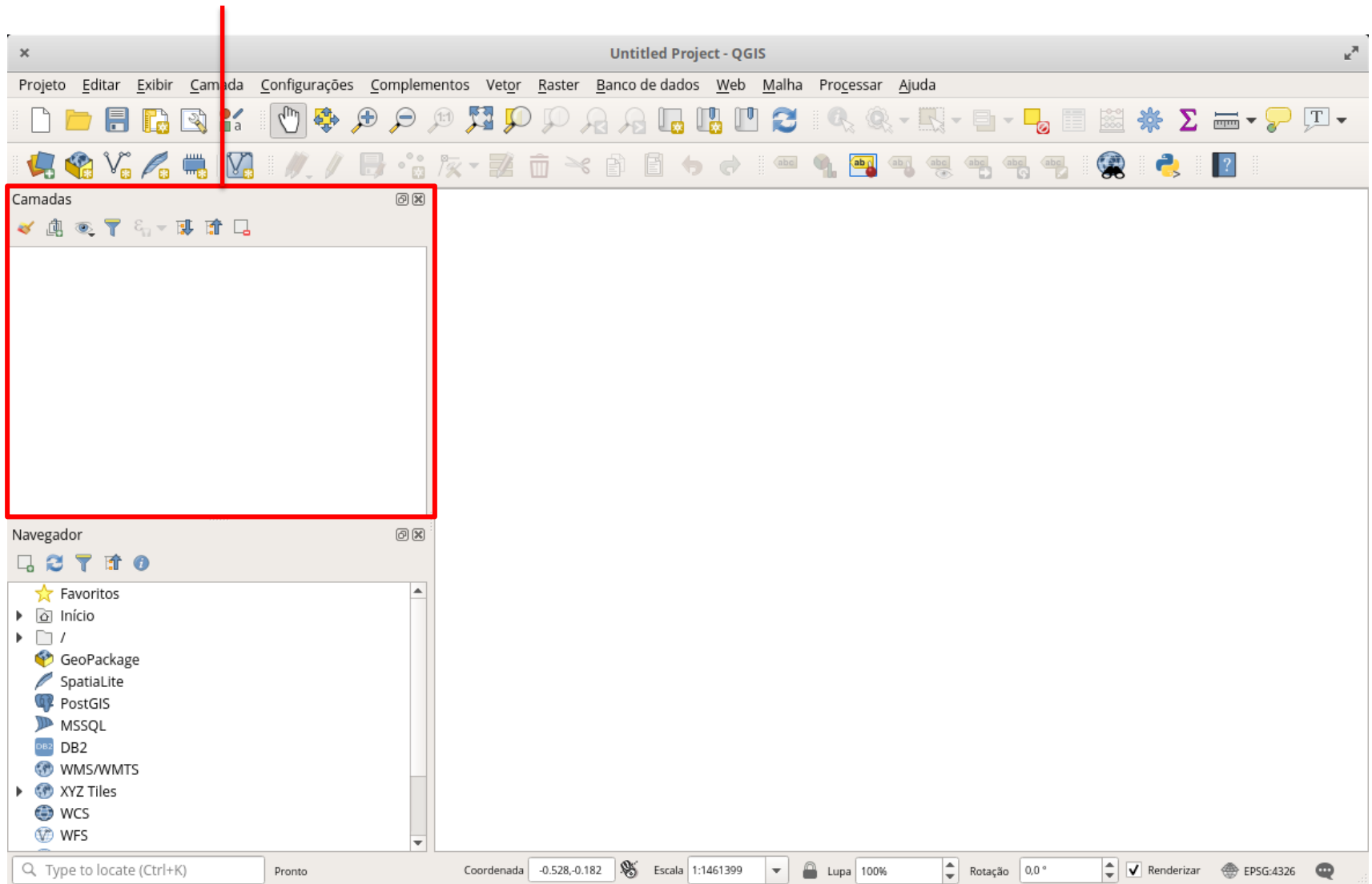
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Menus e Botões principais



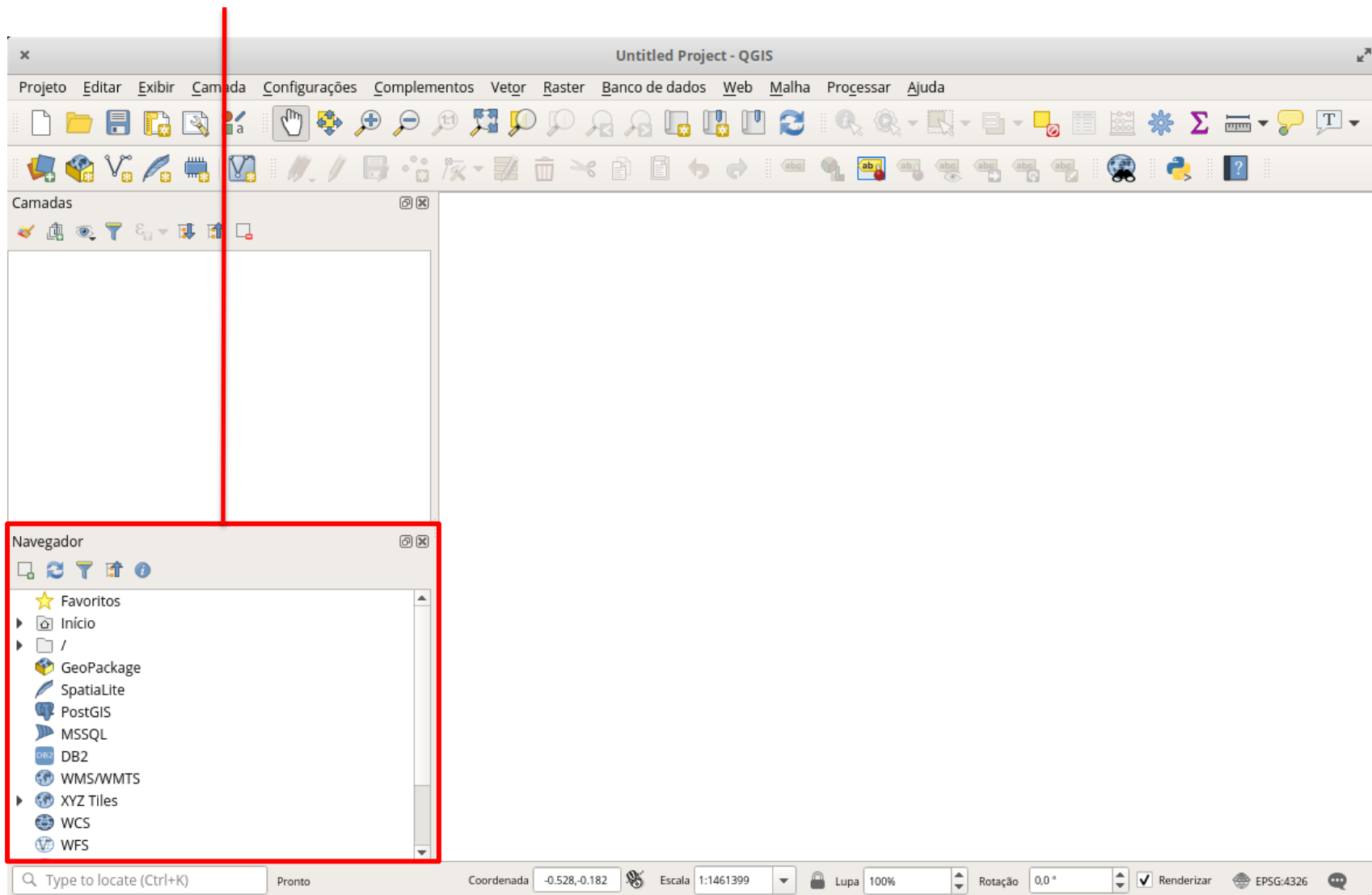
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Gerenciador de camadas (layers)



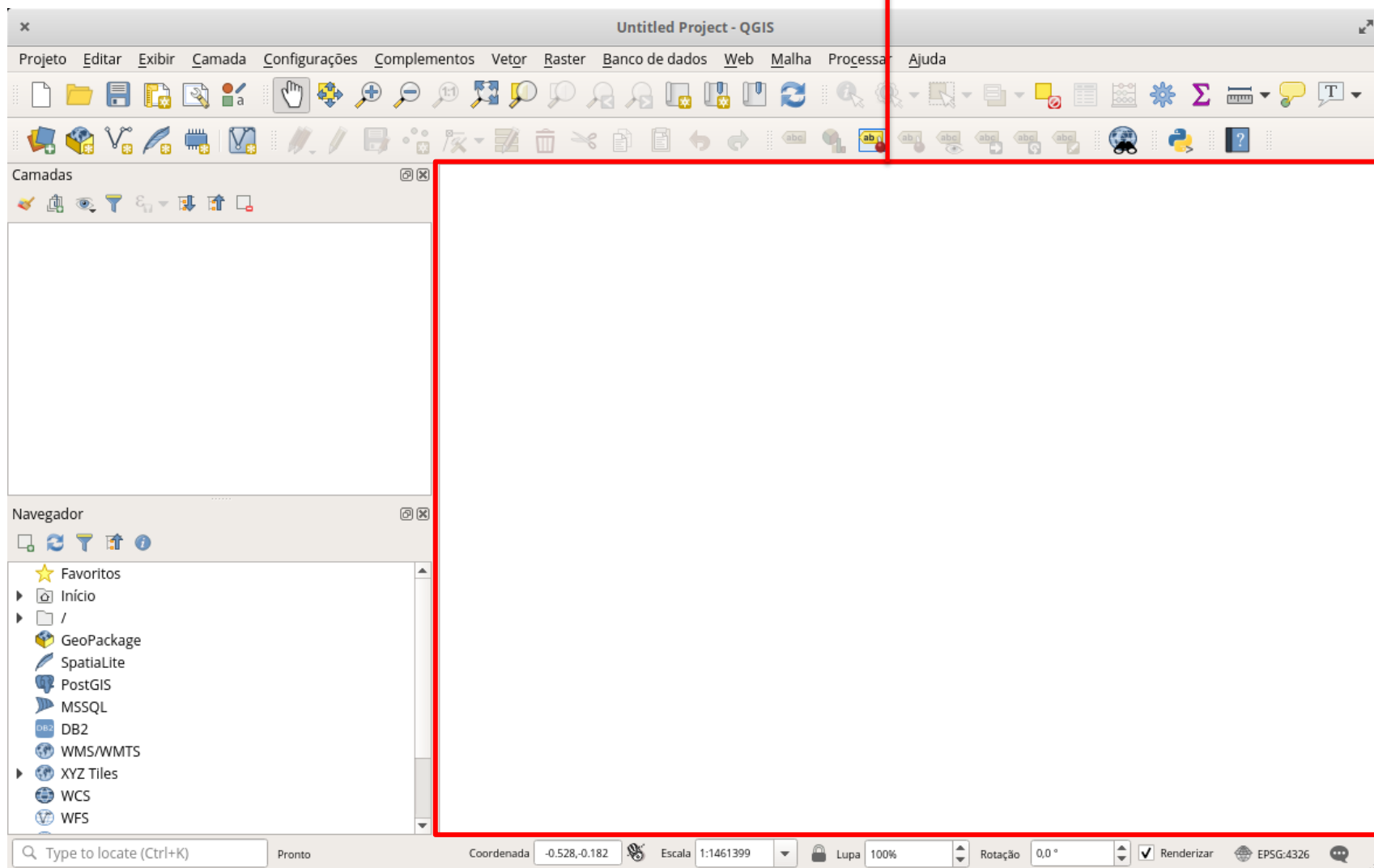
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Navegador de Arquivos



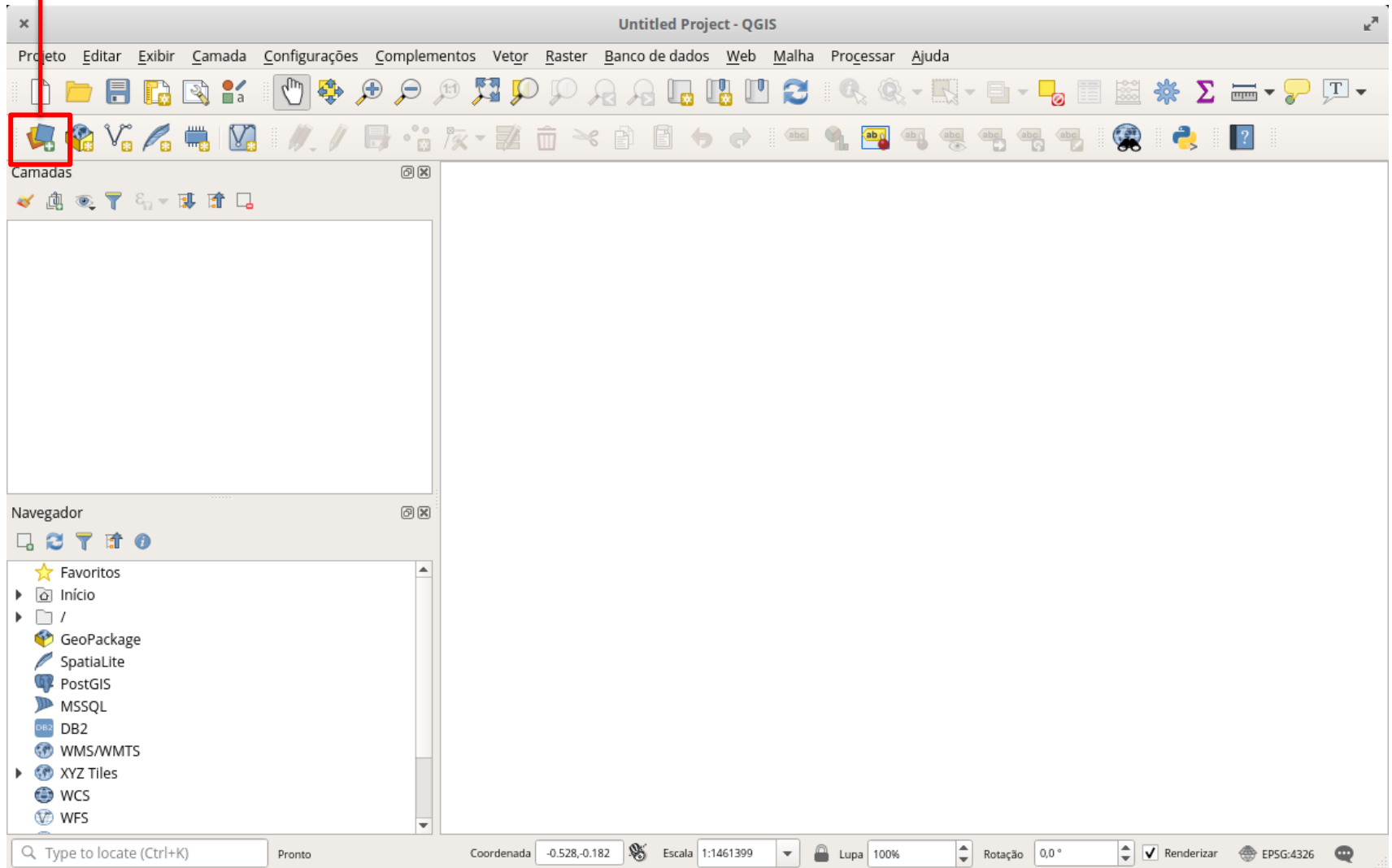
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Área dos mapas



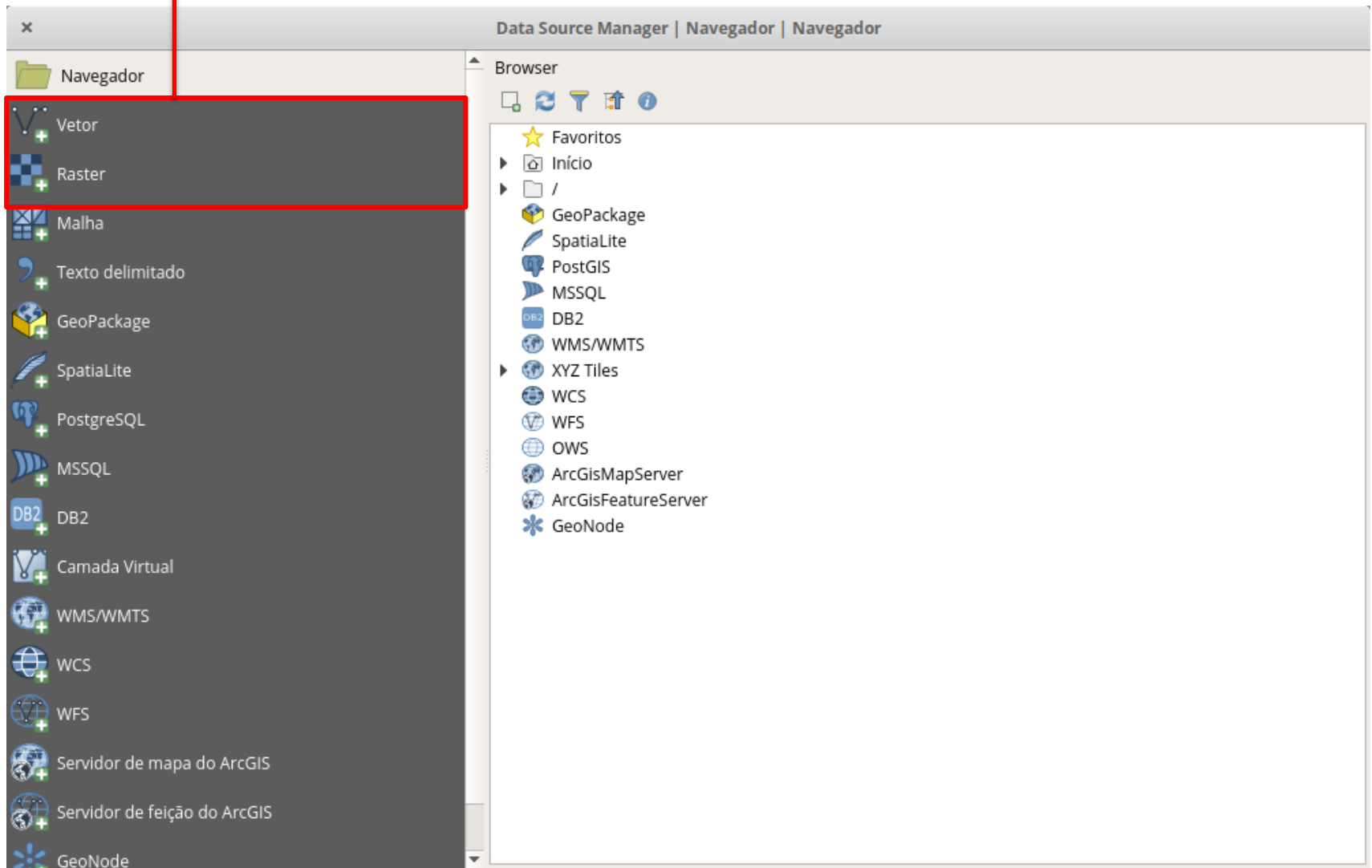
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Botões básicos para carregar dados (shapefiles e imagens).



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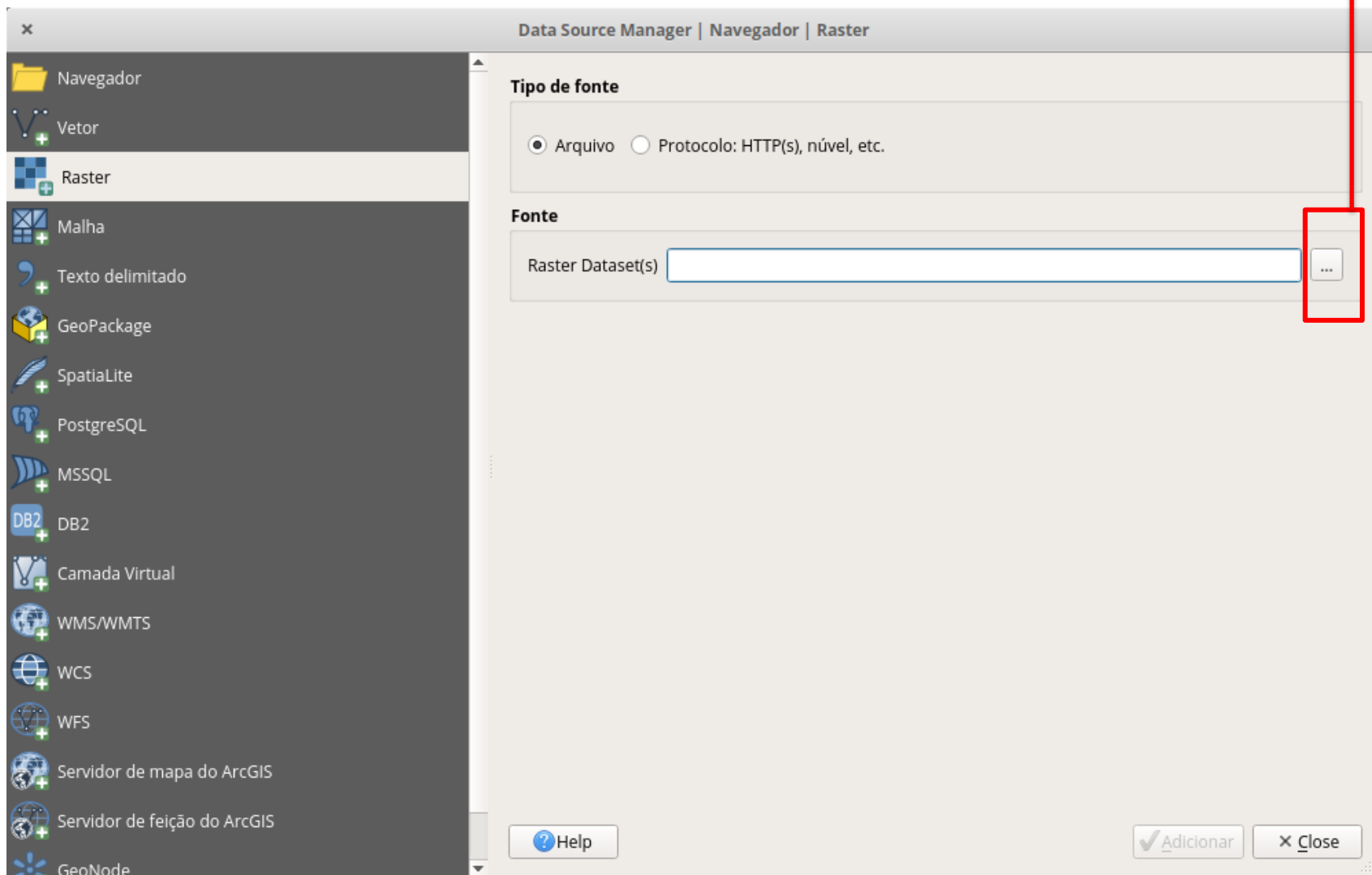
Dados mais comuns: vetor e raster.



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Ao seleccionar “Raster” (1), clicar no botão “...” (2) para procurar os arquivos

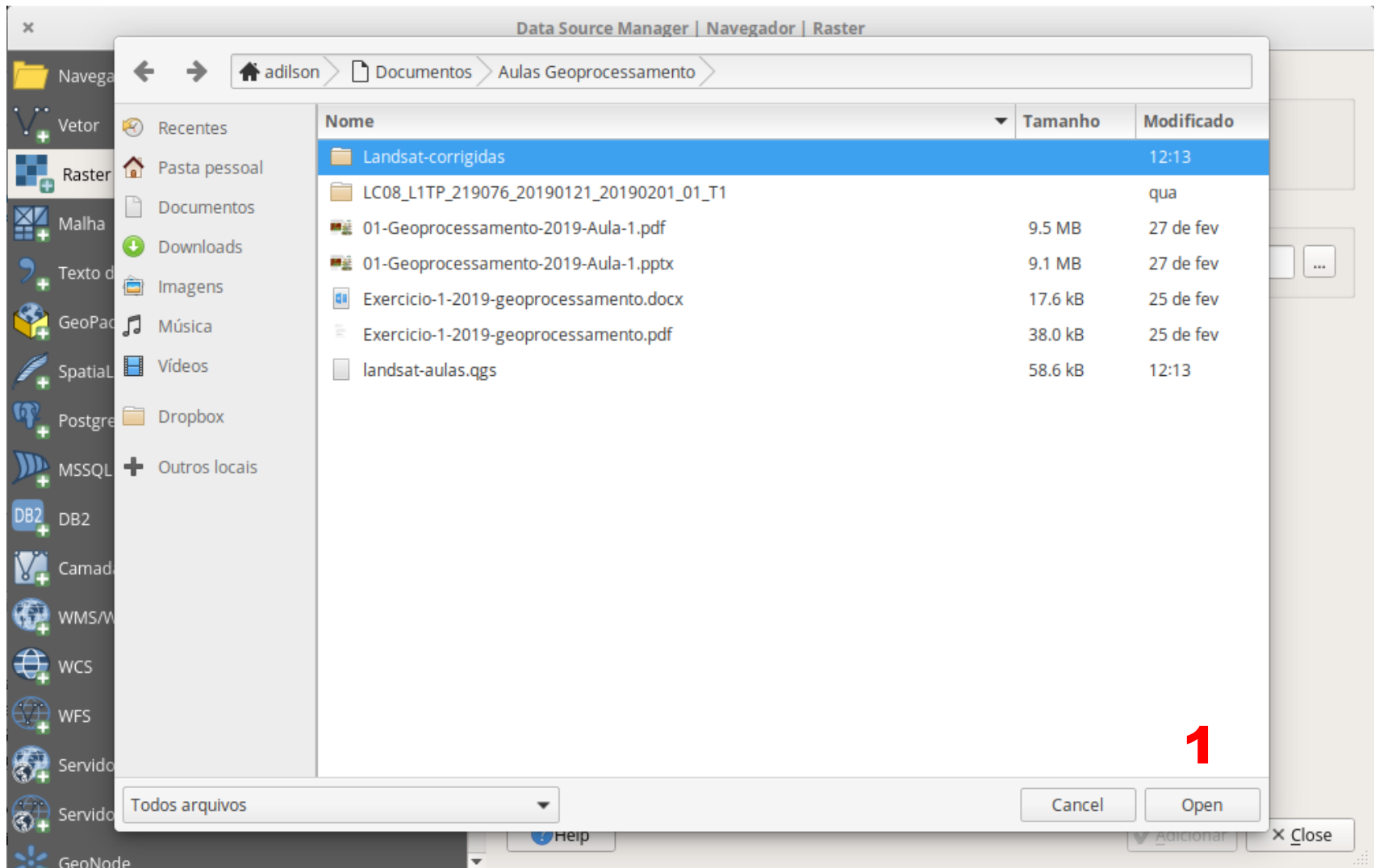
1



2

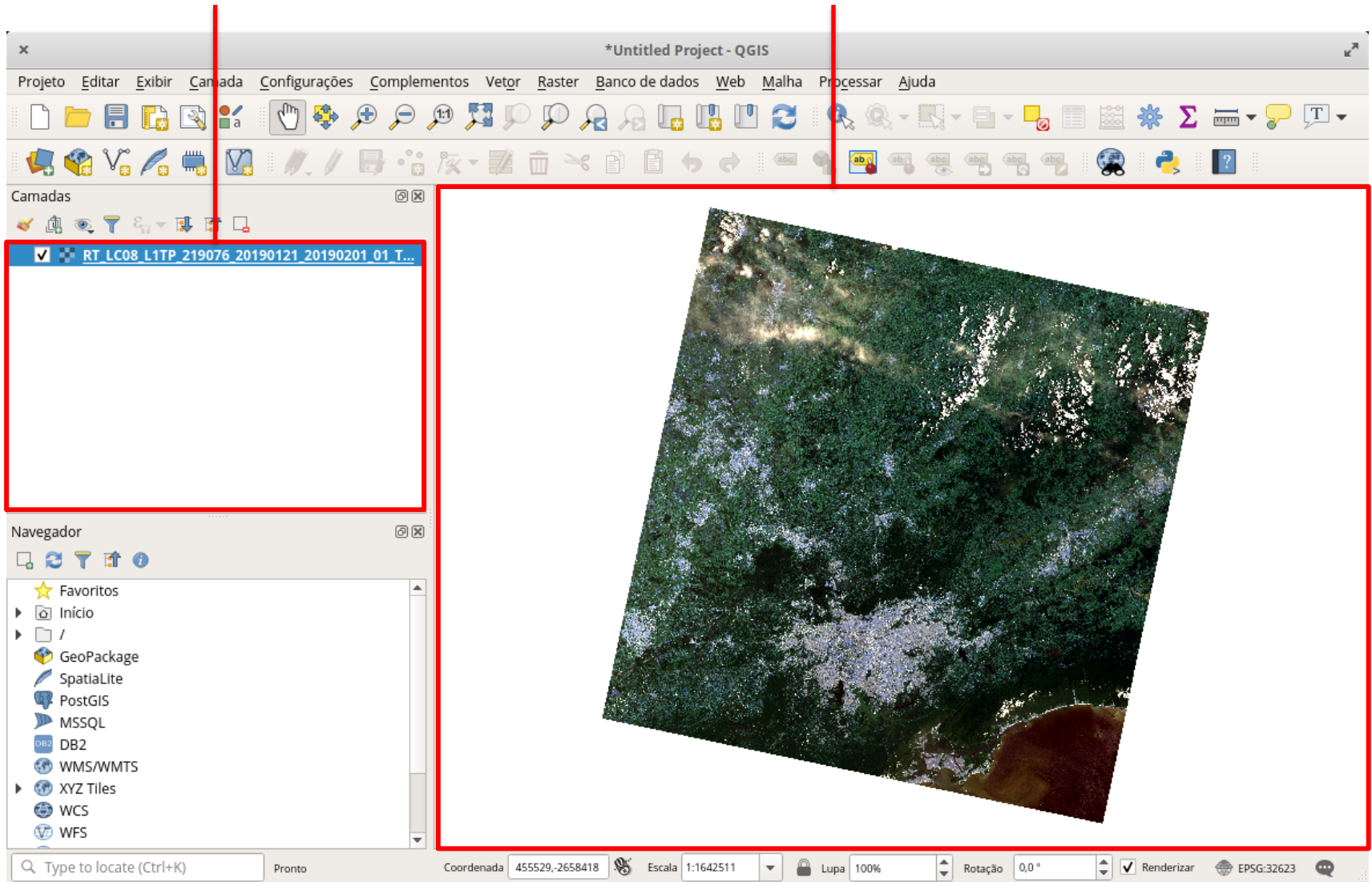
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Navegas até o arquivo desejado, selecionar e adicionar em “Open” (1)



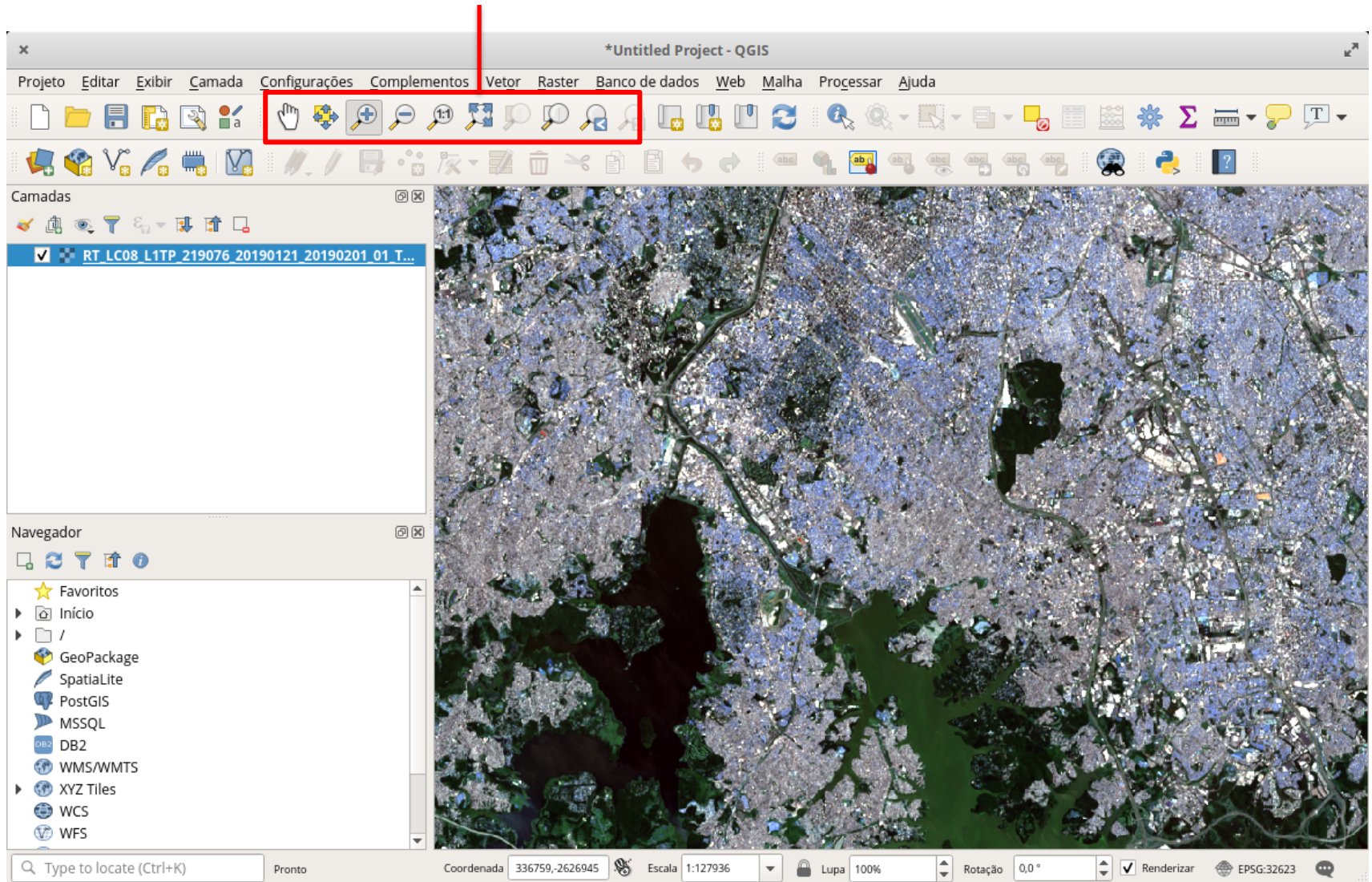
Carregar uma imagem e alterar parâmetros

A imagem será carregada no gerenciador de camadas e área de mapas.



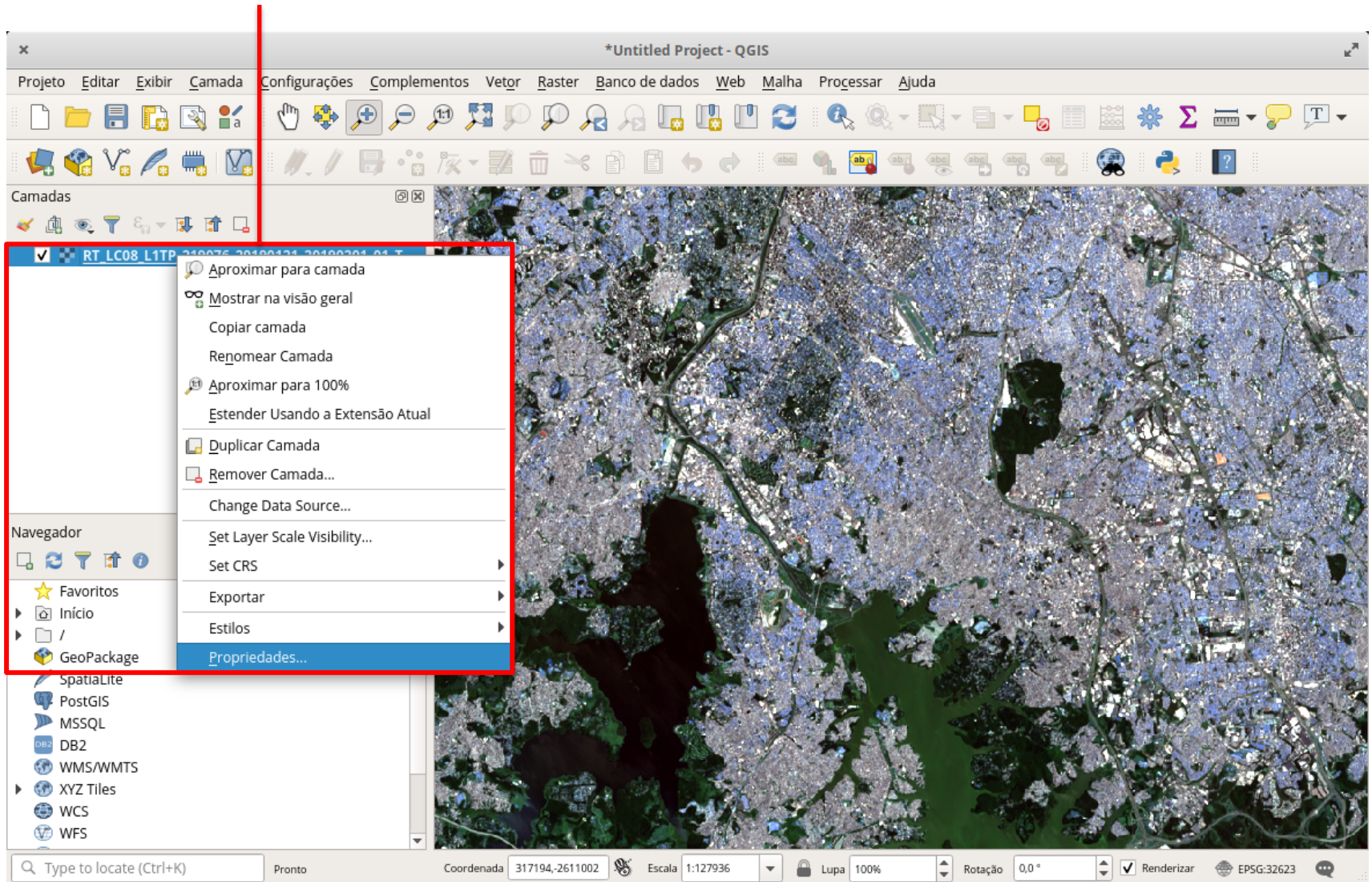
Carregar uma imagem e alterar parâmetros

Mexer na imagem com as ferramentas de Zoom e Pan.



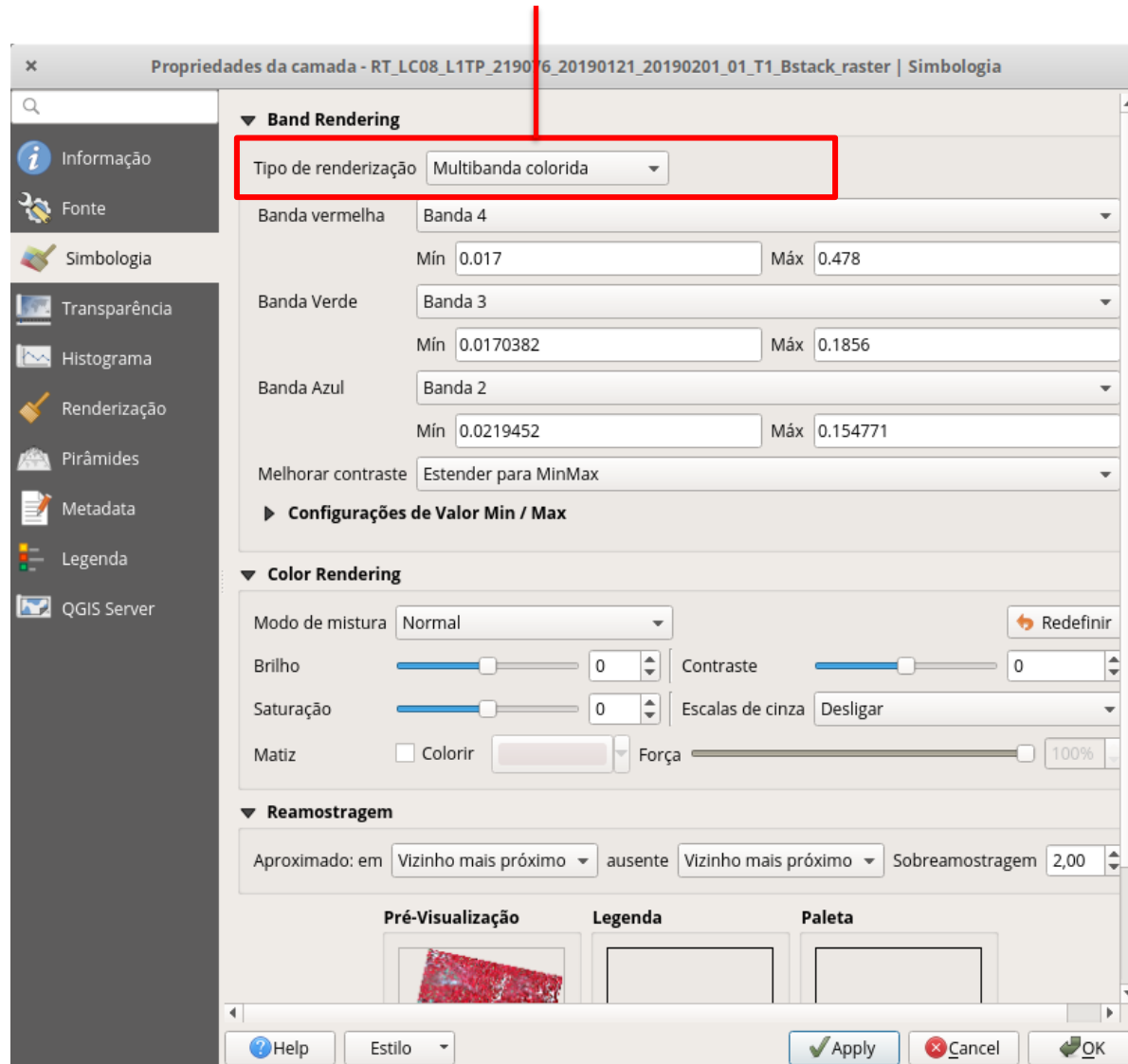
Carregar uma imagem e alterar parâmetros

Clicar com o botão direito no nome da imagem e selecionar “Propriedades”.



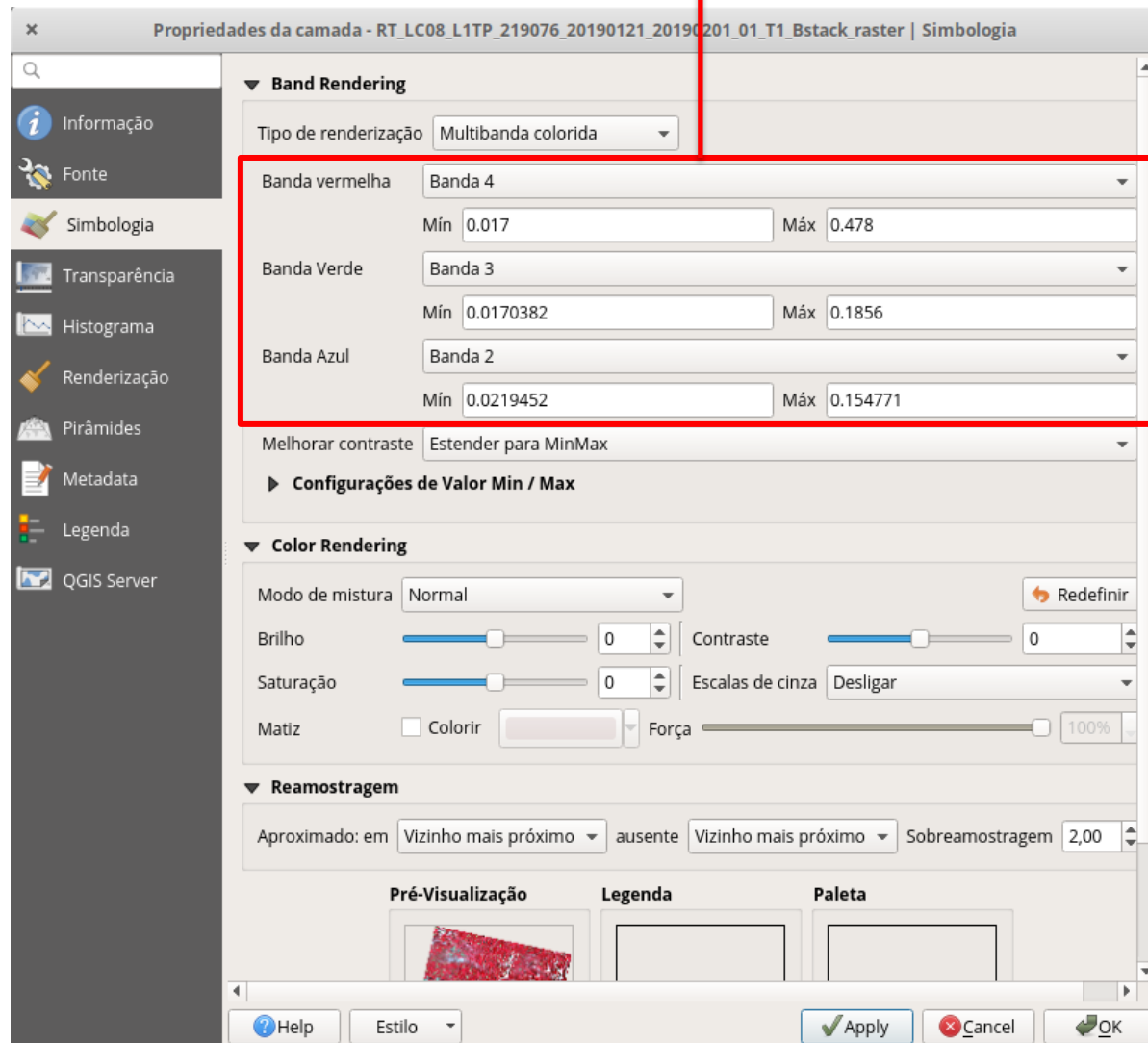
Carregar uma imagem e alterar parâmetros

Em “Tipo de Renderização”, escolher “Multibanda Colorida”.



Carregar uma imagem e alterar parâmetros

Alterar as atribuições de banda nos canais Vermelho, Verde e Azul (RGB).



Carregar uma imagem e alterar parâmetros

Resultado: Composição colorida alterada.

