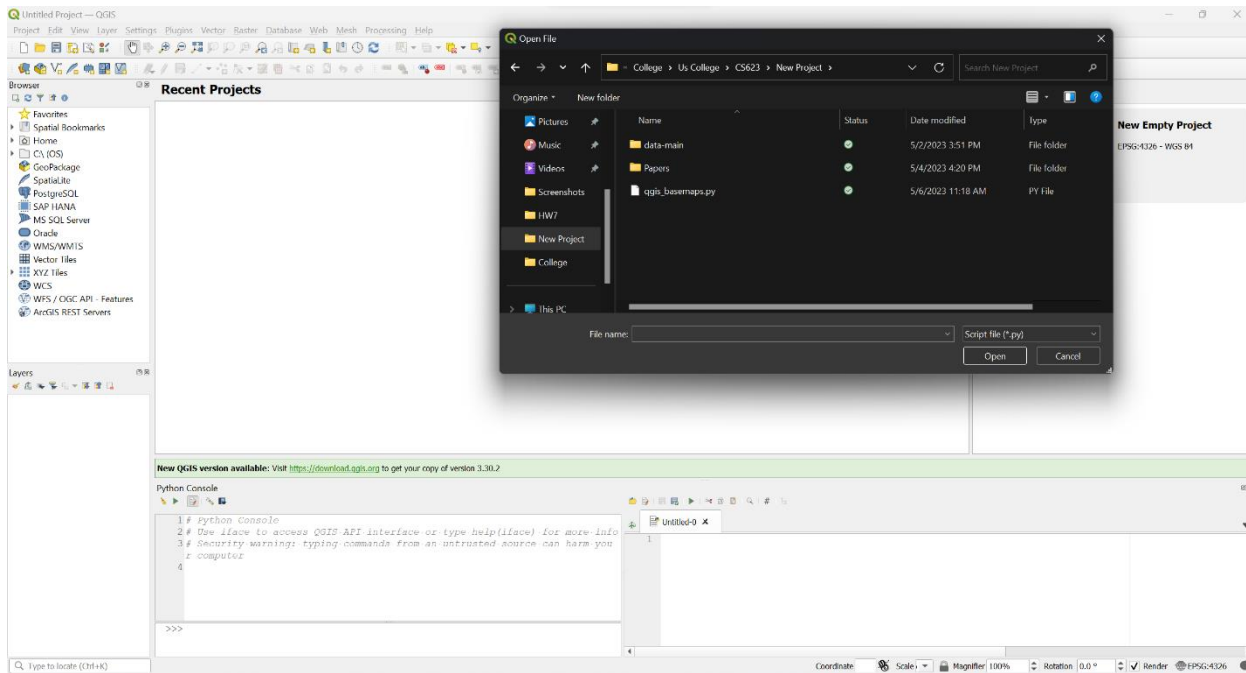


QGIS (Quantum Geographic Information System)

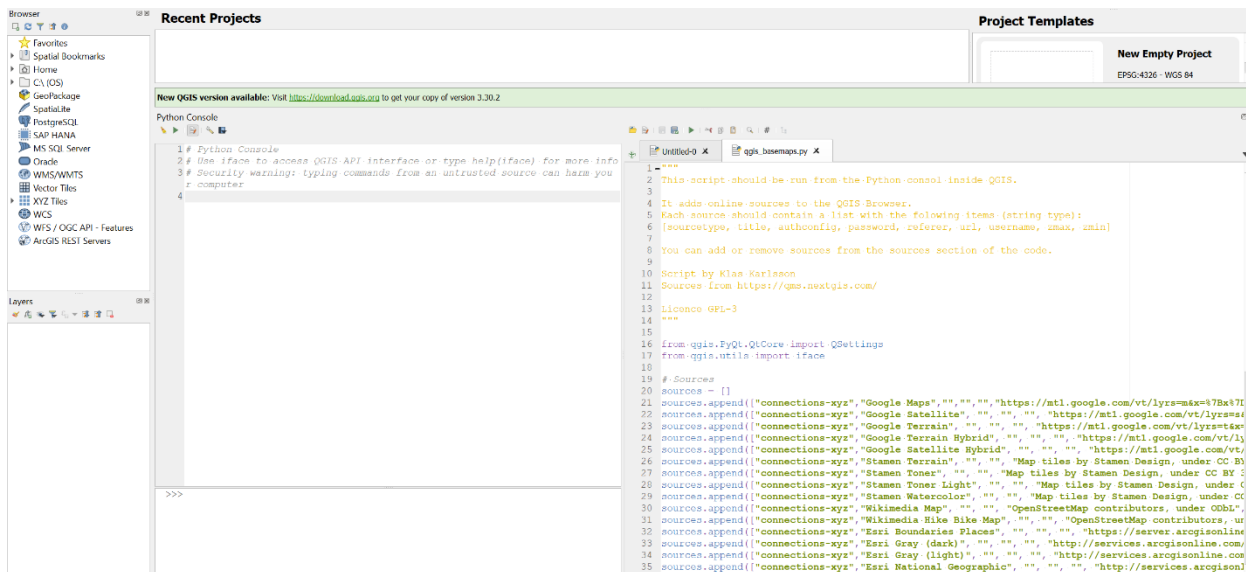
QGIS is a free, open-source software that allows users to create, edit, visualize, analyze, and publish geospatial information. There are many benefits to using QGIS.

In this project, we utilize the QGIS software to generate a visual representation of the United States maps, which include detailed depictions of states, counties, and cities.

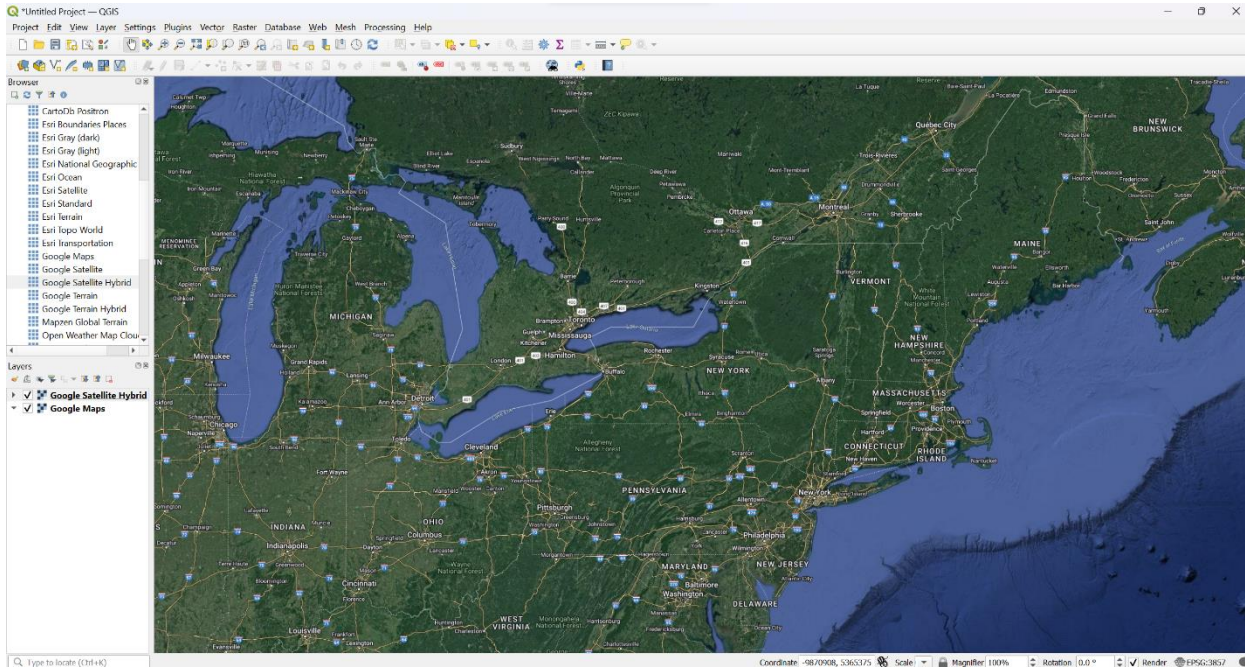
1) We import a base map of the world into the QGIS software to serve as a foundation for our project.



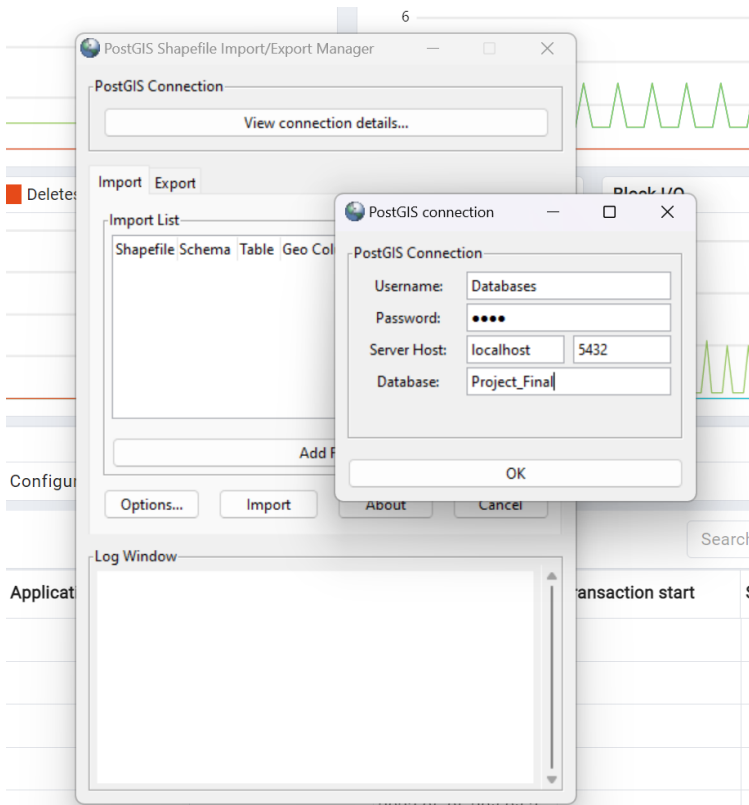
2) The base map has been successfully imported into the QGIS software.



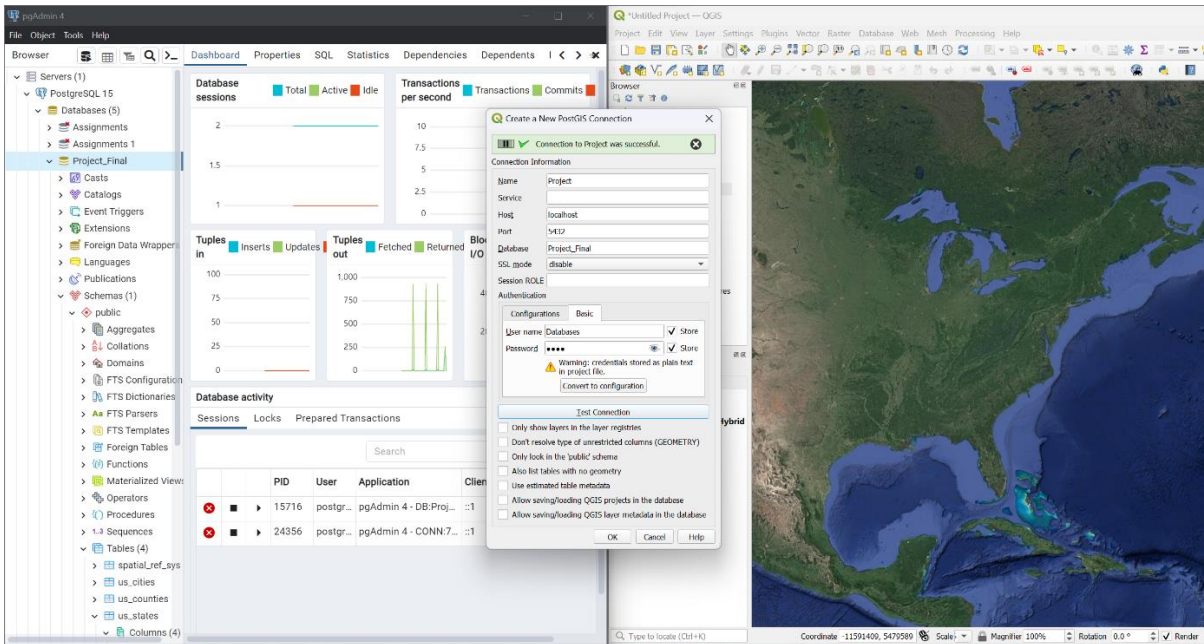
3) A sample view of the Google Satellite hybrid.



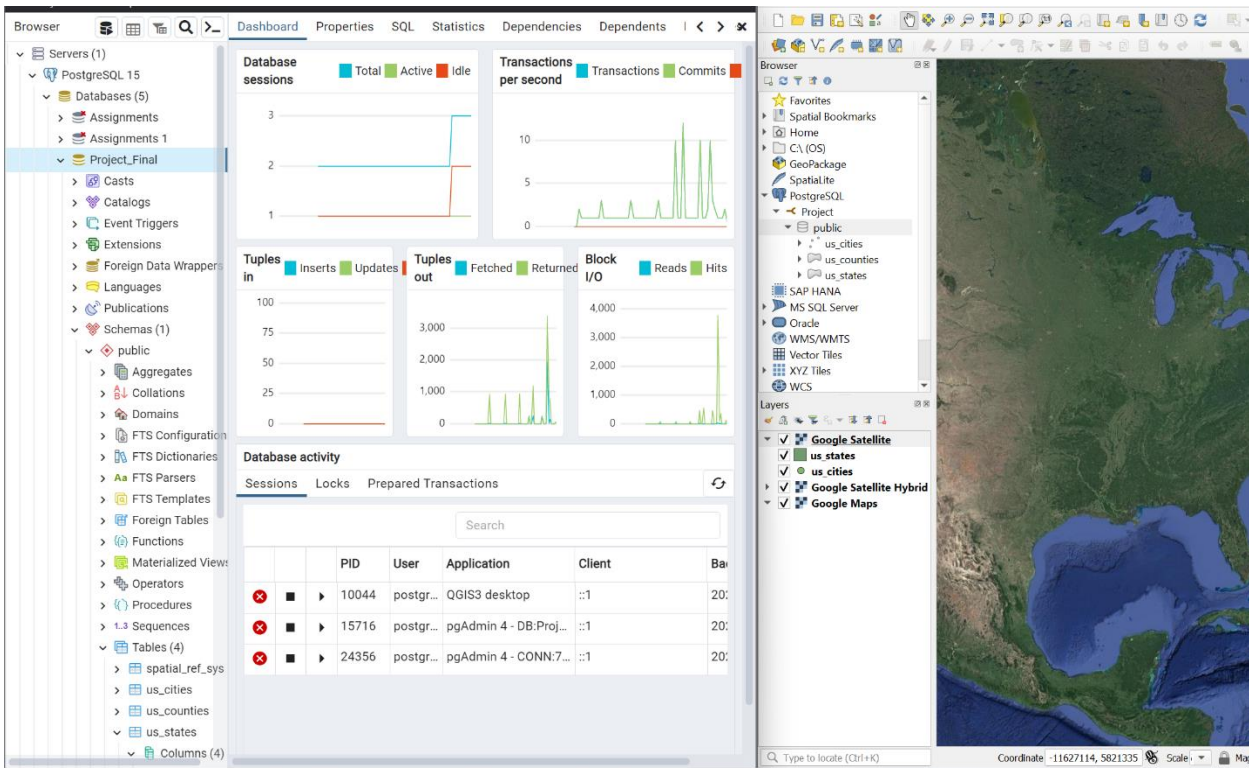
4) A connection is established between the Postgres database and the QGIS software to enable the utilization of data that has been uploaded into Postgres. This provides a visual representation of the data within QGIS.



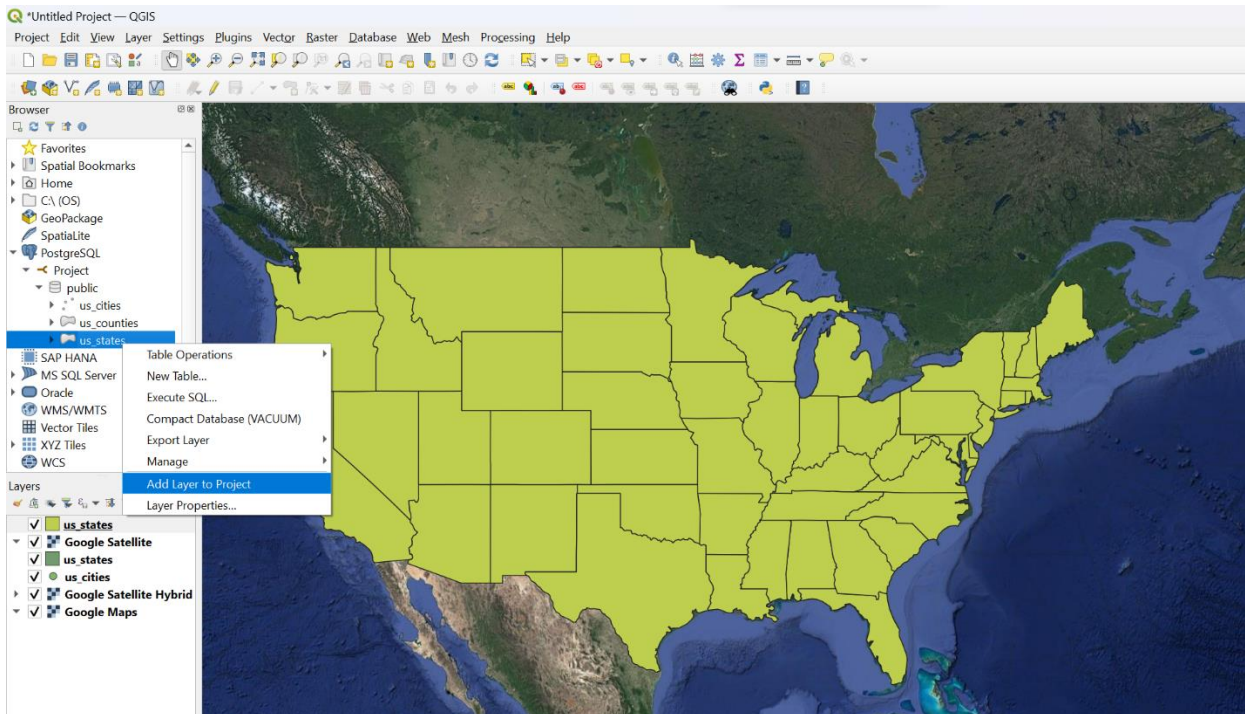
5) A successful connection was established.



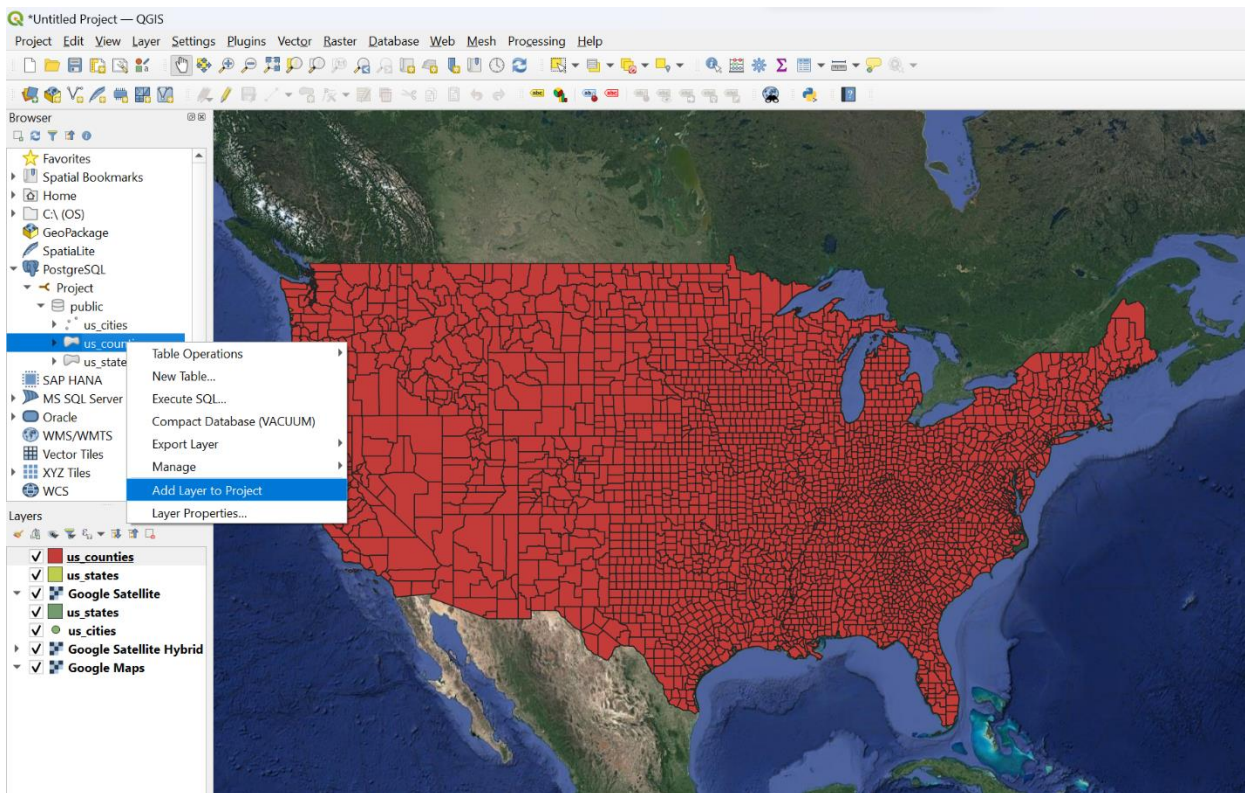
6) The figure below illustrates the multiple connections that have been established within the PostgreSQL database.



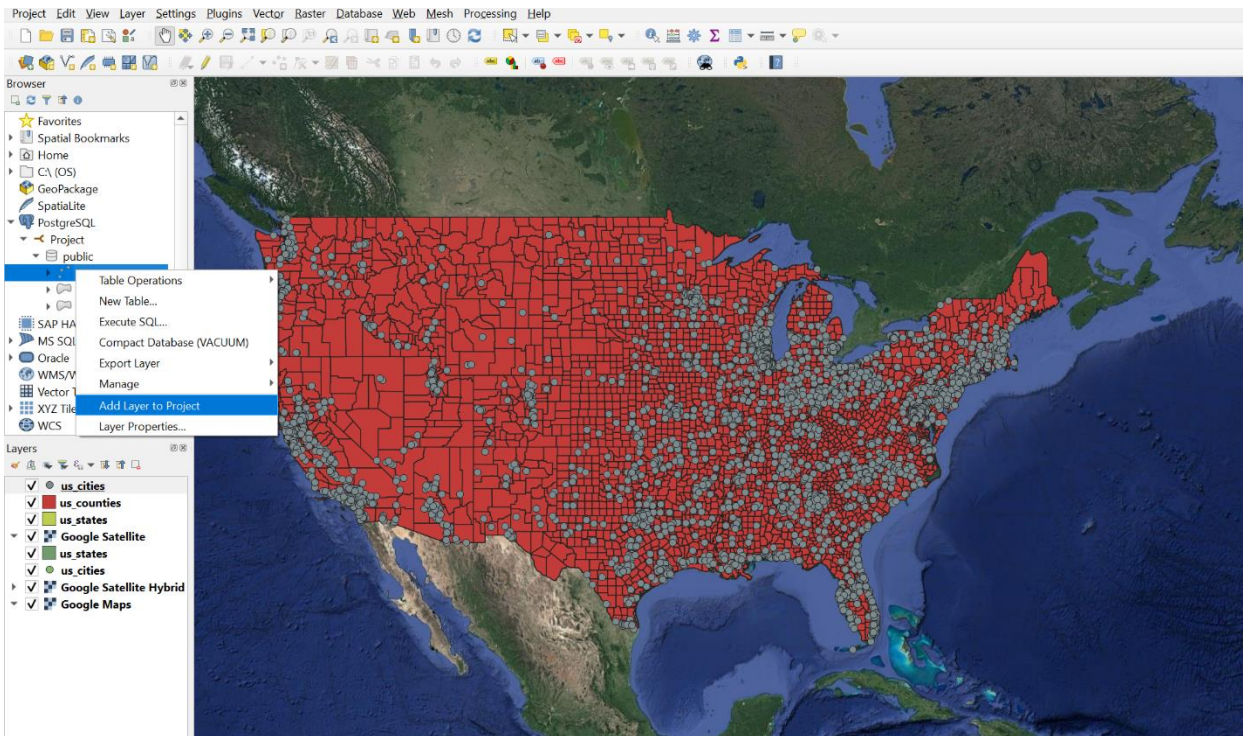
7) A visual representation of the states within the United States.



8) A visual representation of the counties within the United States.



9) A visual representation of the cities within the United States.



10) An alternative method for importing data into the QGIS.

