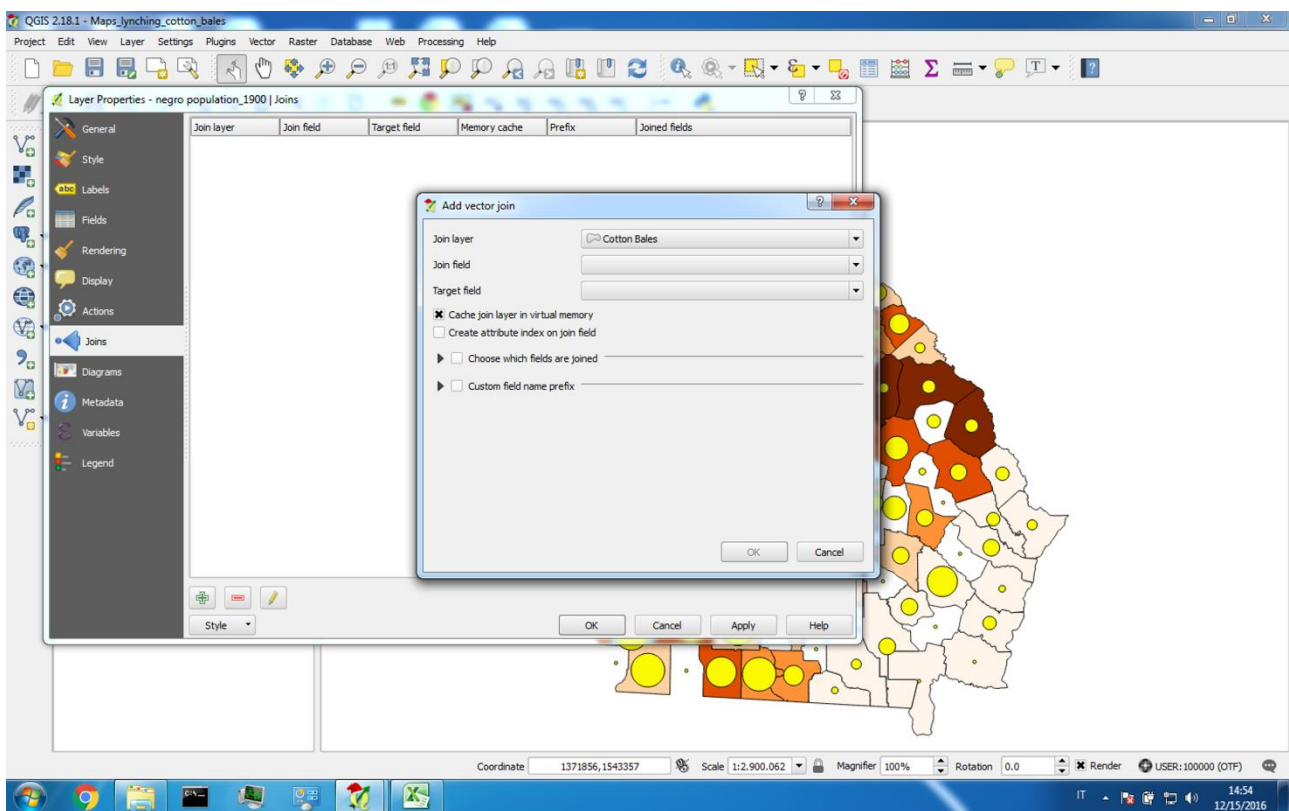# Join data (mapping multiple variables)

If you want to link the data from different layers into a single layer this is the function that you want to use.

For example, if you have two layers with two different tables of data, one that contains population data and the other one that contains economic data, both organized by state, you can join those tables using the values in the "State" field of each of the tables. The resulting table will contain fields from both of the tables and the rows will be joined according to the values in the field "State" in both of the tables.

You can access the "Join" option for example after clicking on properties and selecting the Join option. Then you can click on the plus sign to add a new table of data to be joined to the selected layer's data. From the pop-up menu you should select then field name that you want to use in both of the tables to join the data. You will also be able to set more advanced properties for the operation.