

Map consolidation using CBMS-NRDB

To expedite mapping, some LGUs use more than 1 computer in digitizing shapefiles. While this can be challenging, merging the created multiple files can also be time-efficient if done correctly. Before an LGU use multiple computers, they should:

- Ensure that the boundaries used in all NRDB files are in harmony with each other. If necessary revision must be done, clear coordination must be observed with all the staff assigned in this endeavor.
- Use standard formatting. To better manage a database, format must be the same so that it would not cause any problem when merging.

Before merging, evaluate the files and choose the file that contains the most data so that a big chunk of the tasks is already done. Once decided, make this file the main file. Provided below are the steps in merging NRDB files:

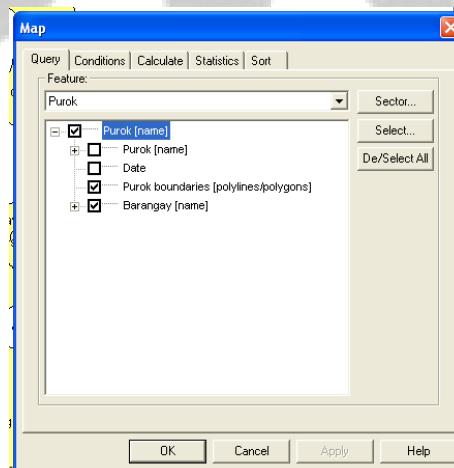
In the example, upon evaluation, the file NRDBLaoang from Computer 1 holds more data, thus, it will hold the final NRDB file.

Before merging, back-up all the NRDB files!

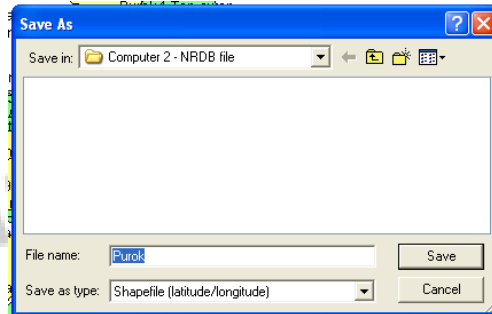
In the following example, the user will get digitizing data (purok and household shapefiles) from NRDBLaoang from Computer 2 and import it to the file NRDBLaoang from Computer 1.

To get the purok boundaries from NRDBLaoang from computer 2, here are the steps:

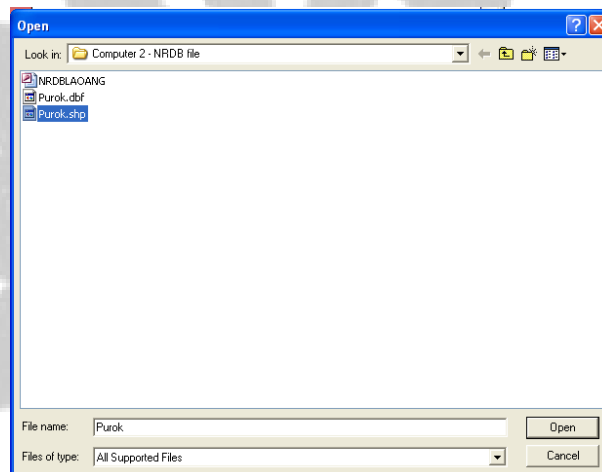
1. open NRDBLaoang from Computer 2
2. Click Map layers
3. Click Query
4. In the Query window, select the feature Purok
5. Check the following:
 - a. Purok [name]
 - b. Purok boundaries [polygons/polylines]
 - c. Barangay [name]



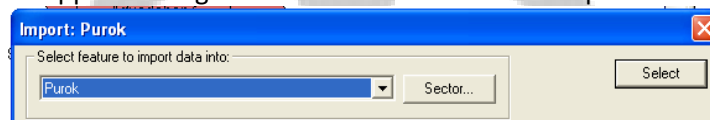
6. Click Ok
7. Click Close
8. In the main menu, click File, Export, File...



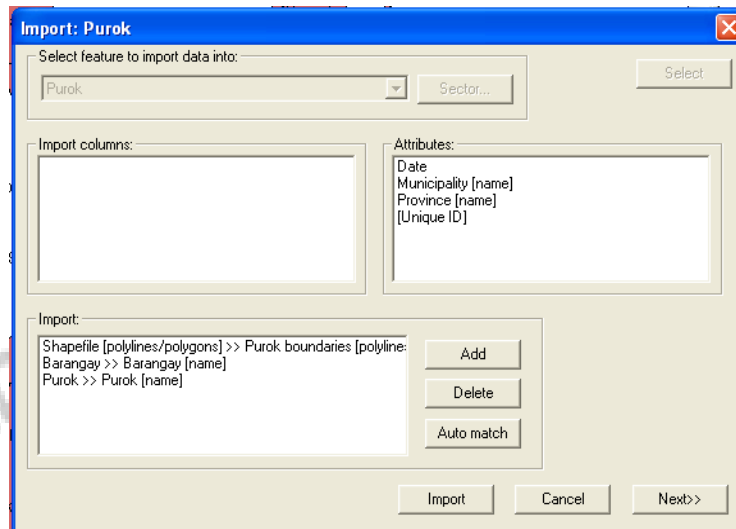
9. Save the file as **Purok**
10. Open the NRDB file of Laoang from Computer 1
11. Select File, Import File...
12. Select the file **Purok.shp** as saved in #9
13. Click Open



14. Another window will appear asking the user to select feature to import data into: Select Purok

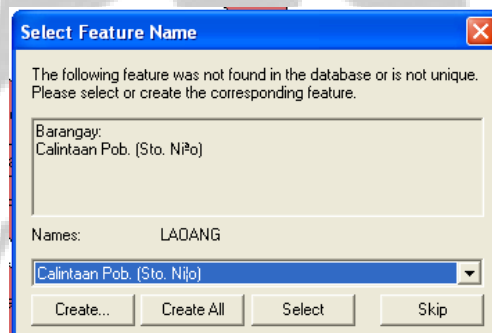


15. Match each variable name in the Import Columns with the names in the Attributes box and click Add. Match the ff:
 1. Shapefile [polylines/polygons]>>Purok boundaries[polylines/polygons]
 2. Barangay>> Barangay[name]
 3. Purok>> Purok[name]

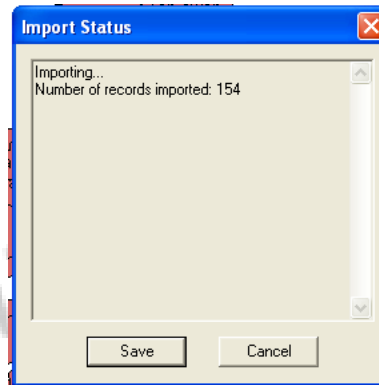


16. Click Import
17. Click Next
18. Click the button Create All
19. Click Next

The window “Select Feature Name” will appear. It says that the following feature was not found in the database or is not unique. Please select or create the corresponding feature. In the box is the name of the barangay Calintaan Pob (Sto. Ni2o) while in the pulldown list, you’ll see the name Calintaan Pob. (Sto. Ni!o). This verification is done since the names are not exactly the same because of the ñ. Remember, the system is **space-sensitive (i.e. Calintaan Pob. is different from CalintaanPob.) and case-sensitive (i.e. Calintaan Pob. is different from CALINTAAN POB. or calintaan pob.)**. But if the user is sure that the names correspond to each other, click Select. If the names are different, check the pulldown list for the corresponding name then Select. Or if the name is new, the user will click Create...

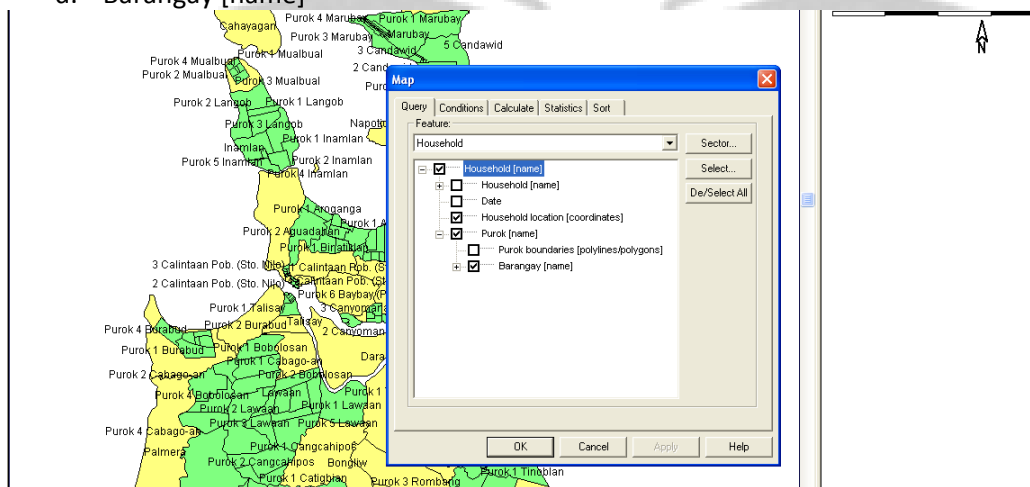


20. Since the names are the same, Click Select
21. After the files have been read, the import status window will appear. Click Save...

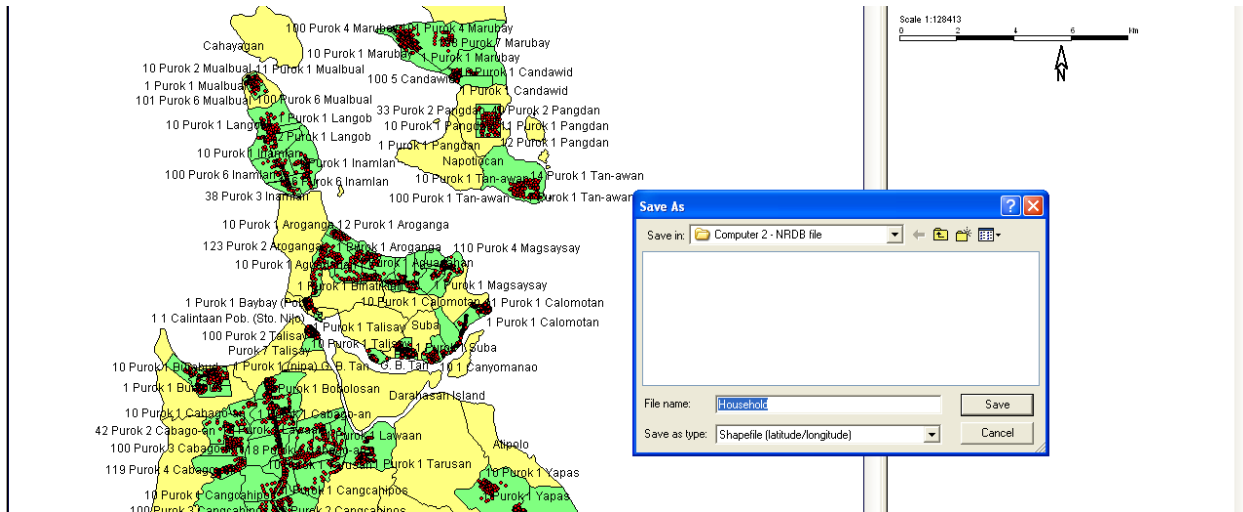


To get the household location from NRDBLaoang from computer 2, here are the steps:

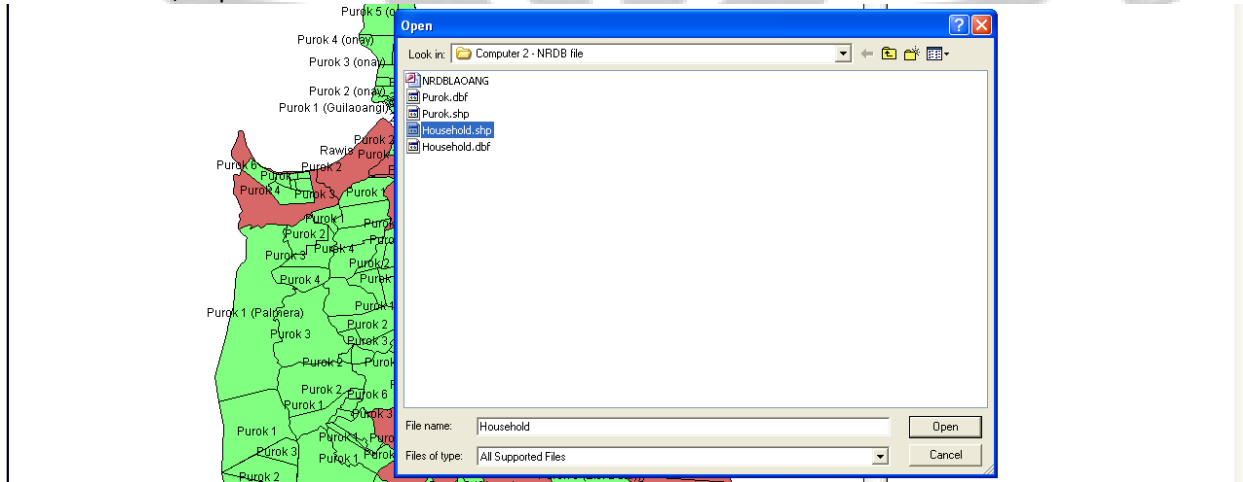
1. Click Query
2. In the Query window, select the feature Household
3. Check the following:
 - a. Household [name]
 - b. Household location [coordinates]
 - c. Purok [name]
 - d. Barangay [name]



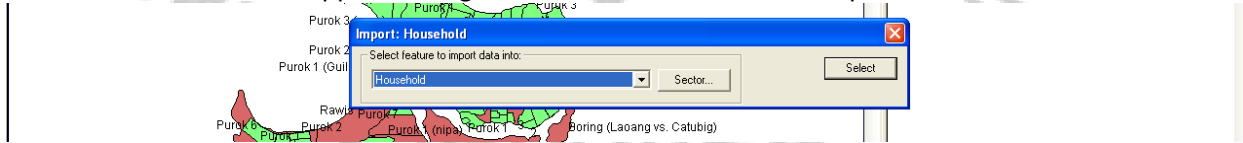
4. Click Ok
5. Click Close
6. In the main menu, click File, Export, File...



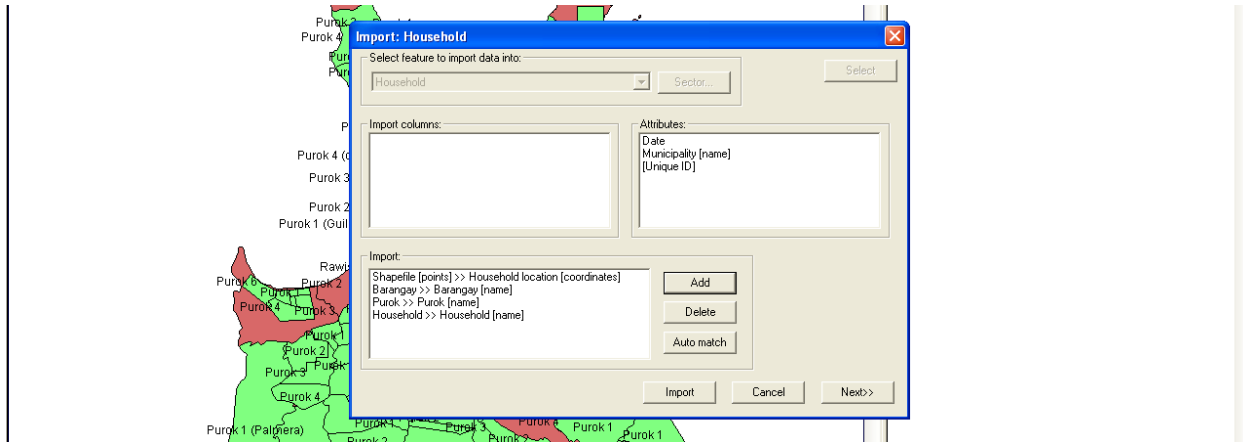
7. Save the file as **Household**
8. Open the NRDB file of Laoang from Computer 1
9. Select File, Import File...



10. Select the file **Household** as saved in #7
11. Click Open
12. Another window will appear asking the user to select feature to import data into:. Select Household



13. Match each variable name in the Import Columns with the names in the Attributes box and click Add. Match the ff:
 - a. Shapefile [points]>>Household location [coordinates]
 - b. Household>> Household[name]
 - c. Barangay>> Barangay[name]
 - d. Purok>> Purok[name]



14. Click Import
15. Click Next
16. Click the button Create All
17. Click Next
18. After the files have been read, the import status window will appear. Click Save...