

Assignment 3.A

Digital Design Methods I

OVERVIEW

The *Assignment 3* is provided to help you get familiar with the *QGIS* software and focuses on the basics of what you've learned during the class.

This assignment will not be graded and requires no submissions.

ASSIGNMENT

1. In the lesson, we worked with the digital elevation model (`DEM_Merged.tif`). Convert this raster file from the 'WGS84 (epsg:4326)' coordinate system to 'Mexico ITRF2008 / LCC (epsg:6372)' and save it as `DEM_Merged_6372.tif`
2. Create a new vector file (shapefile) containing only the objects of `09.shp` where `TIPOMZA` is 'Parque o Jardin' and save them to a new file `09m_parque_jardin.shp`
3. How many objects in the vector file `09fm.shp` have `TIPOVIAL` 'Calle'? What is the minimum, maximum and mean length of the objects with `TIPOVIAL` = 'Calle'?

INPUT FILE

- `Assignment_3A.pdf` (this file)