Hubbard Brook GIS files organized in a QGIS project.

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The zip file provided here includes all GIS layers from HBEF data repository. It also includes the tiled bare-earth Lidar covering HBEF (a subset of the WMNF coverage).

Instructions for use:

1. Install QGIS on MAC, PC, or Linux following instructions here: https://qgis.org/en/site/
2. unzip the file: hbef\_qgis\_project.zip
3. open QGIS, and go to file/open/hbef\_qgis\_project.qgs
4. QGIS will now display some common GIS layers for HBEF.
5. You can turn layers on/off in the left sidebar.
6. You can display additional raster or vector layers by using the add vector/raster icons on the left.
7. You can easily import coordinates from a .csv file, by using the 'comma' icon on the left.
8. Right click on a layer name, and drop down to properties - here you can adjust the styling of lines, points, and polygons, and add labels.
9. Look for QGIS plugins for advanced GIS capabilities. Google for what you need, andthe go to Plugins/ManageAndInstall.
10. Feel free to contact the HB Information Manager if you encounter problems, or wish to get guidance on advanced GIS display and/or analysis (mary.martin@unh.edu).
11. Arc users can ignore the .qgs file, and just open vector and raster files in Arc.

The lidar dem was created by tiling the following files from http://lidar.unh.edu/ (select wmnf bare earth; full metadata is available at this link).

Coverage of HBEF occurred between 2011-2012 (most in 2011; rt93 edge in 2012).

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