

Earth Science Week MapRoulette

If you would like to help fix real world GIS data sets or pursuing a career in GIS, then this is your event.

To the right is a rough estimate of errors needing corrections for just one data set in the United States alone. As this is a part of Open Street Map, this data is not only used for GPS navigation, but everything from cell phones companies try to figure out locations to put new towers, gas companies figuring out where to run gas lines, to military applications.



1. To participate in this week's challenge, go to <https://www.openstreetmap.org/user/new> and create an account.
2. Once your account is created, go to <https://maproulette.org/browse/challenges/25231> for the challenge.
3. Click start, read the instructions for what to do. This will vary slightly between locations. Click edit. If the features need to be edited. This will open a new tab in your browser, make the necessary edits to the feature/features.
4. In the top right click save once complete. You can either close this tab after saving or just click the challenge tab (the edit tab will automatically refresh when you start another edit).
5. Once on the challenge tab again, select whether you completed the challenge, it was too hard, it was already fixed or if it was an issue. Click submit and the next features needing edited is automatically selected.
6. If anyone needs help or assistance, feel free to reach out to my email kbalspaugh@mail.fhsu.edu and we can set up a zoom call to assist you.

Below is an example of a feature needing corrected and a brief description of this week's challenge.

A screenshot of the MapRoulette challenge interface. On the left, there is a dark green sidebar with the following content: 'INSTRUCTIONS' with a checkmark icon, two numbered instructions, and a note to 'Edit the features overlapping the waterbody so they either validly overlap or do not overlap.' Below this is the 'COMPLETION' section with 'Add MR Tags', 'Current Editor: Edit in ID (web editor)', and four buttons: 'Edit', 'Not an Issue', 'Skip', and 'Other...'. On the right, a map view shows a residential area with a large blue water body. A road, 'Southparke Drive', crosses the water body. Other features include 'West Longleaf Drive', 'Roof Gardens Apartments', and 'The Magnolia at Auburn'. A small blue square on the map indicates the location of the challenge.

A screenshot of the challenge details page for 'USA - LineCrossingWaterBodyCheck'. The page has a dark blue background. At the top, it says 'FAVORITE | POPULAR'. Below that is the title 'USA - LineCrossingWaterBodyCheck' and the identifier 'OSMBase_Atlas_Checks'. The 'DIFFICULTY' is listed as 'Easy'. The 'TASK DATA SOURCED' is 'February 14, 2022'. There are links for 'View Leaderboard' and 'Conversation'. At the bottom, a paragraph describes the challenge: 'This challenge contains Ways that invalidly cross a body of water. This challenge was generated from the LineCrossingWaterBodyCheck Atlas Check Please use satellite imagery to determine if the map features that overlap the water body should be moved or if tags need to be adjusted to allow for the overlap.'