

Mapping from satellite images in desert areas

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Issue #1

<https://tasks.hotosm.org/projects/10563/tasks/?search=78>

Selected features

The screenshot shows a map editor interface. The main map area displays a satellite image of a desert region with several red dashed lines representing highway features. The interface includes a Layers panel on the right, an Objects panel, and a Validation Results panel. The Objects panel shows a table with the following data:

Key	Value
highway	unclassified

The Validation Results panel shows the following data:

Author	# Objects	%
Francisca	7	100%

without the OSM features, in order to see the imagery better

This screenshot shows the same map editor interface as above, but with the red dashed lines removed, providing a clearer view of the satellite imagery. The interface elements, including the Layers panel, Objects panel, and Validation Results panel, remain the same.



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Solution:

There is a misinterpretation of the map features: the selected ways are not unclassified highways but intermittent streams. You can understand the difference between highways and waterways as streams have a more complex and natural flow direction, while highways tend to be more linear and simple. Also, around waterways there could be some more vegetation, or shady areas given by the water which digs the ground. In this example, waterways do not connect to the unclassified road at the bottom of the picture, as they are flowing to the NE.



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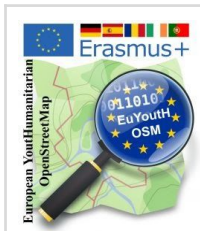
Issue#2

<https://tasks.hotosm.org/projects/10563/tasks/?search=90>



Solution :

It lacks a tag to clarify how the waterway and the highway interact. ford=yes in this example, as the roads are passable when there is no or low water.



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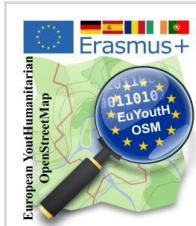
Issue #3

<https://tasks.hotosm.org/projects/10563/tasks/?search=90>



Solution:

The highway should not be connected to the place and continue down to the South.
The residential area needs to be updated as it does not include all the buildings.



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Issue #4

<https://tasks.hotosm.org/projects/10563/tasks/?search=90>



Solution:

The residential area is not closed and is also connected to a path whereas it should not. The place is at the intersection of two roads whereas it should not be connected to any other feature, but to be a standalone node at the middle of the residential area polygon. As a general rule, landuse and network-like features (highways, waterways) should not be connected.



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Issue #5

<https://tasks.hotosm.org/projects/10563/tasks/?search=90>



Solution:

The path is connected to the river while it seems there is no path there