How to load ZMI as a XYZ Tiles layer in QGIS?

ZMI datasets are available as single images on the OpenAerialMap (https://map.openaerialmap.org).

If you want to visualize directly in QGIS all ZMI imagery, it is necessary to Create in QGIS a new XYZ Tiles Layer that will serve you directly in QGIS all ZMI data hosted on OpenAerialMap.

This tutorial will guide you through the process. Enjoy ZMI and remember to credit ZMI anytime you produce a map where the data are displayed:

“Commission for Lands (COLA) ; Revolutionary Government of Zanzibar (RGoZ)"

1. Open QGIS

The Zanzibar Mapping Initiative (ZMI) is a project led by the Revolutionary Government of Zanzibar’s Commission for Lands (COLA) and is the first in the world to use small drones, (under 1kg), for mapping on such a large scale. COLA, together with its partners including the Tanzania Commission for Science and Technology (COSTECH), the State University of Zanzibar (SUZA), and the World Bank, implemented the project to update the base map of Zanzibar – and the data is now openly available for all purposes related to the island’s conservation and development. Attribution : “Commission for Lands (COLA) ; Revolutionary Government of Zanzibar (RGoZ)"
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2. Make sure you can see the Data Browser Panel by Selecting it in View/Panels/Browser.
3. Once the Browser is visible you now have the following

4. In the Browser Panel, you can now see different types of Data Sources. The one we are interested in is the XYZ Tiles.

5. You will now create a new XYZ Tiles Layer. Right-Click on the XYZ Tiles Icon and select New Connection.

6. The following window appears

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7. Enter the parameters corresponding to the XYZ Connection.

Name: ZMI-OAM

URL: https://tiles.openaerialmap.org/user/5ac4842b26964b0010033104/{z}/{x}/{y}.png

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8. Then Press OK. You can now see a new XYZ Tiles data source added to your Browser.

9. If you Right-Click on it, you have the possibility to add the Layer in the MapView (Canvas).

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10. **If and only if you are connected to internet** ... the ZMI dataset should appear in your Layers Panel and in CANVAS.

11. If the layer does not appear, it can be because the CANVAS is not zoomed on Zanzibar. If it is the case. You can enter manually the Coordinates of Amani Stadium, the most famous Stadium in Zanzibar!!

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12. Enjoy and remember, when you use the data, always mention the following text on your maps and presentations:

“Commission for Lands (COLA); Revolutionary Government of Zanzibar (RGoZ)”