

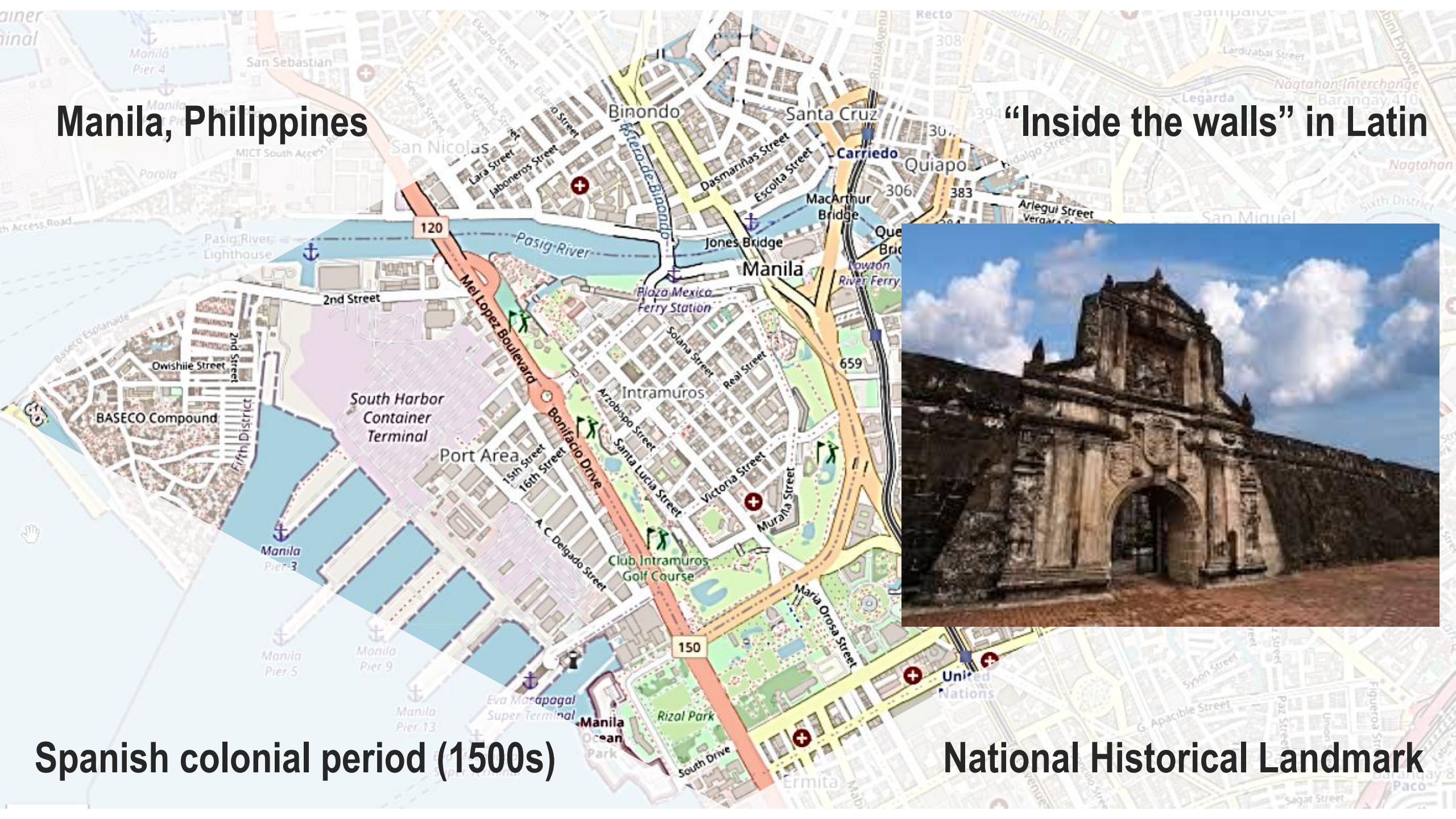
The background of the slide is an aerial photograph of Intramuros, Manila. The image is split diagonally from the bottom-left to the top-right. The upper-left portion shows a clear aerial view of the city's historic walled area, including a river, a bridge, and various buildings with colorful roofs. The lower-right portion is covered by a semi-transparent orange overlay. The title text is centered on the orange overlay.

OSM PH — DatumPH Aerial Mapping Intramuros

Leigh Lunas

Manila, Philippines

“Inside the walls” in Latin



Spanish colonial period (1500s)

National Historical Landmark

OSM PH – DATUM PH Collaboration

DATUM.ph in partnership with OpenStreetMap Philippines (OSM-PH) is offering free drone imagery collection service to selected communities to enable collection of high-resolution aerial imagery for improving OpenStreetMap data in the Philippines. Individuals and mapping communities in the Philippines are encouraged to apply.

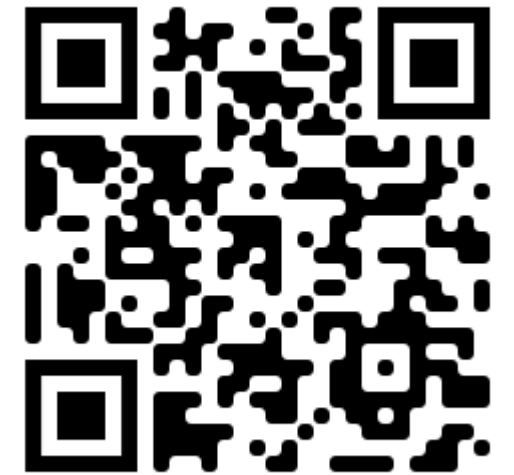
Who can apply for this drone collection program?

The collection site is limited to the following areas: **Batangas, Bulacan, Cavite, Laguna, Quezon, Rizal, Pampanga, and Metro Manila.**

Any individual or group from within the OpenStreetMap PH community can apply for this collection program. A community member is defined as a person having an OSM user account and has been mapping in the Philippines for the past year (marked as an active contributor in **HDYC** in both criteria).

Details here:

<https://tinyurl.com/osm-datumph>



I n t r a m u r o s

**Flight
Permit**

**Image
Acquisition**

**Post-
processing**

Fun

Intramuros

Flight Permit

Secured Fly Permit at Intramuros Administration



DRONE PERMIT (DP-22-0907-027)

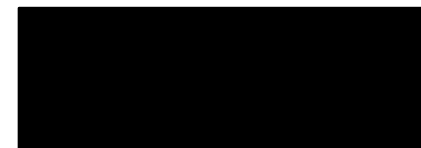
This permits



to operate the drone specified herein at the following area/s.

Brand and Model	<i>DJI Mavic Air 2s</i>
Location/s	<i>Within Intramuros</i>
Date and Time	<i>September 10-11, 2022 / 6:00am to 1:00pm</i>
Event/ Activity	<i>For Aerial Mapping</i>

This permit is subject to compliance with the terms and conditions specified in the application as submitted. Violation of any of the terms and conditions automatically voids this permit.



Contact Nos.: 02 8527 2811 or 02 8527 0420
urban@intramuros.gov.ph



INTRAMUROS ADMINISTRATION
5th Flr., Palacio del Gobernador Bldg.,
Gen. Luna St., Intramuros, Manila
1002 Philippines
Tel: (+632) 8527 7300 / 527 3155
intramuros.gov.ph

I n t r a m u r o s

**Image
Acquisition**

**Post-
processing**



Mavic Air2S

Litchi

Orthophoto

Digital Surface Model

Pointcloud (laz file)

Intramuros

Fun



Maning Sambale

October 28 at 8:34 PM · 🌐

Nakita rin sa wakas yung point cloud ng Intramuros dataset galing sa [DATUM](#). Umiiyak yung makina sa pag-clip (pda) at pag-render (qgis). Subset lang ito ng 6gb laz file.

[OpenStreetMap Philippines](#)



Eugene Alvin Villar

October 26 at 3:04 PM · 🌐

Here's another sample from the Intramuros drone imagery that I posted earlier, this time of the revamped Anda Circle with the Anda Monument at its center. The monument was first erected in 1871 in honor of Spanish Governor General Simón de Anda y Salazar.

Previous post about the imagery:

<https://www.facebook.com/eugene.villar/posts/pfbid025piyjhHG1oumDnKYvVYafHZLWS2zfHC0E2omcgXZiW5kqv4e27Wlvqzj5KAbwAZvI>

About the monument: https://en.wikipedia.org/wiki/Anda_Monument

Imagery collected and processed by [DATUM](#).

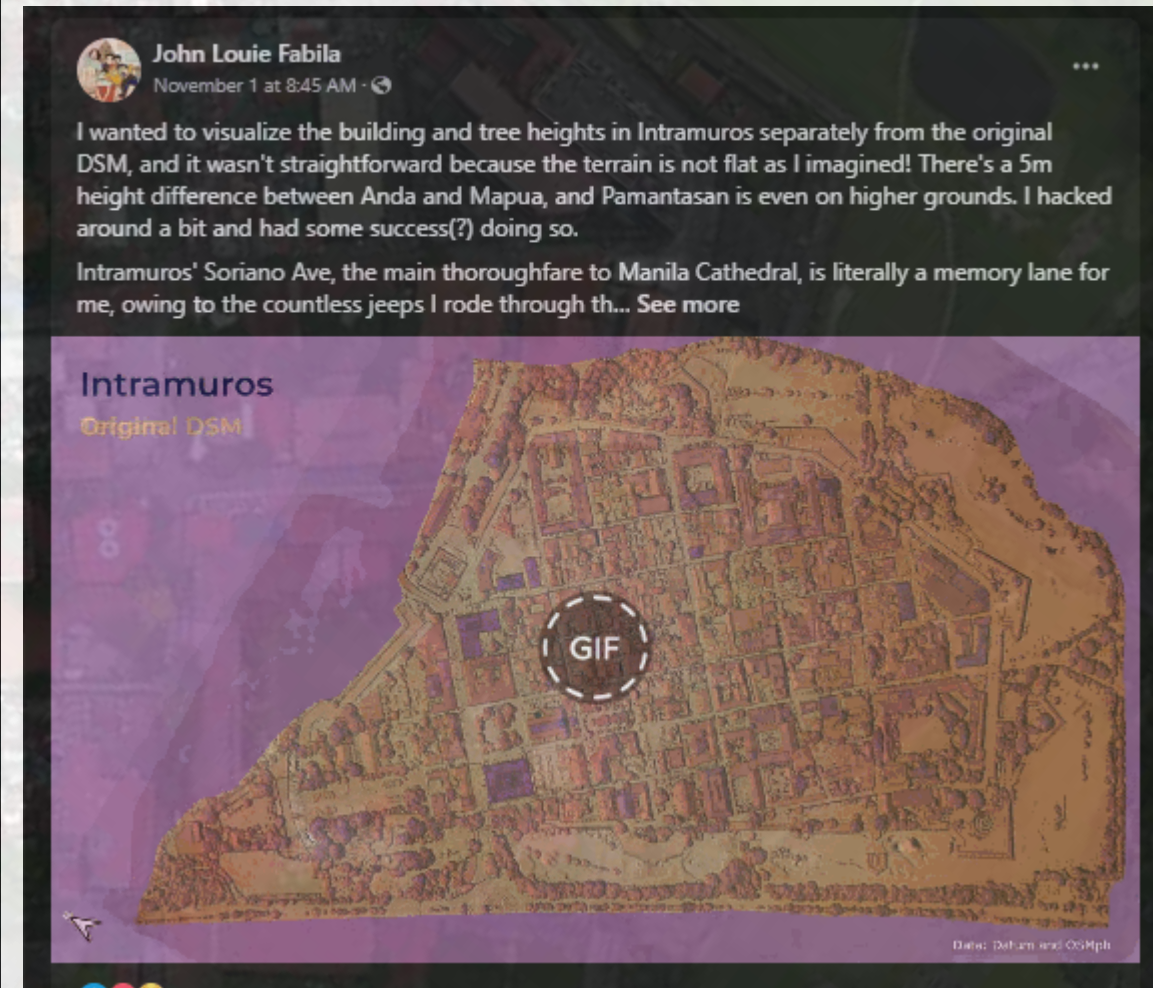
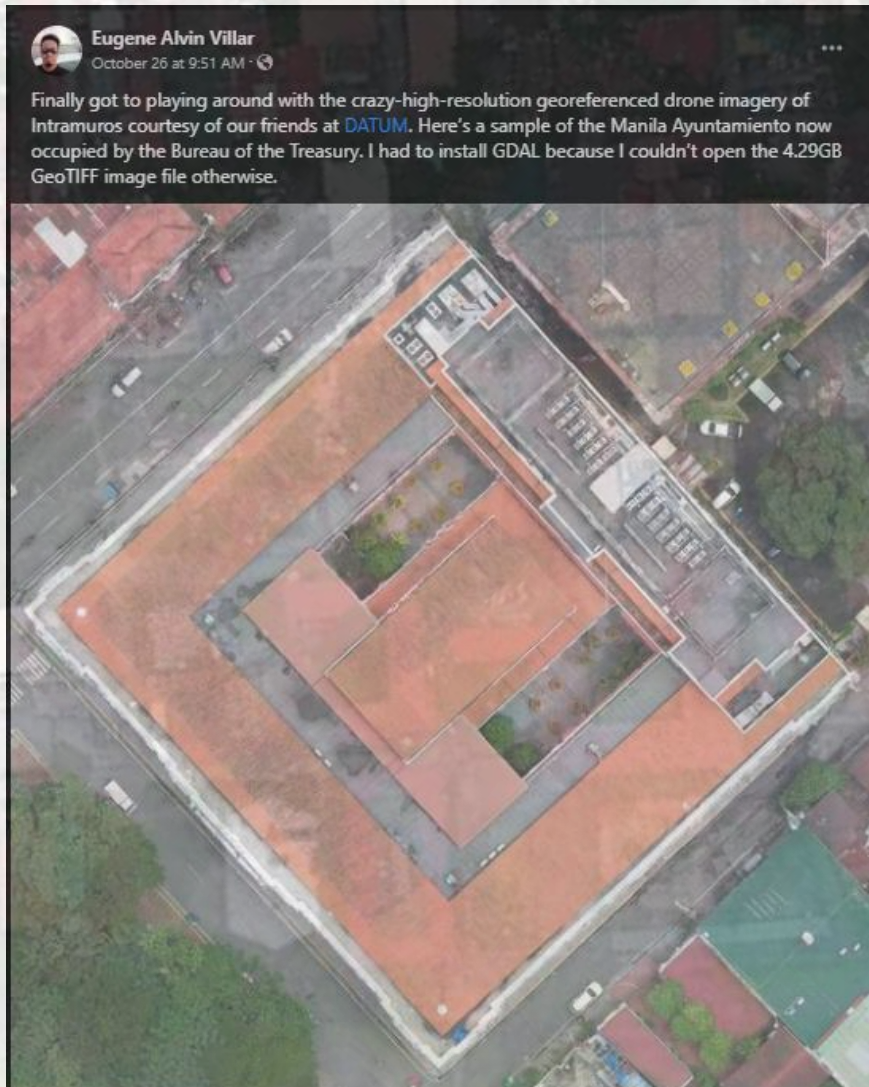


👍❤️ You, Feye Andal, Obi Ildefonso and 20 others

3 Comments 1 Share

Intramuros

Fun



Intramuros

Fun

QuickOSM

Map preset

Quick query

Query

OSM File

Parameters

About

Help with key/value

Reset

Preset: Not mandatory. Ex: bakery

	Key	Value	Add	Delete
1	building	yes		

Layer Extent: INTRAMUROS

All OSM objects with the key 'building'='yes' in the canvas or layer extent are going to be downloaded.

▼ Query history

amenity_school
All OSM objects with the key 'amenity'='school' in the canvas or layer extent are going to be downloaded.

OsmQuery
No description

OsmQuery
No description

OsmQuery
No description

► Advanced

Save query in a new preset Show query Run query

0%



Intramuros

Fun

BN HR BNHR
October 31 at 6:57 PM ·

Test-driving the Plaza Roma or Plaza de Roma (Intramuros) point cloud data in QGIS.

Thank you DATUM, OpenStreetMap Philippines, and Sir Maning Sambale for the data!

Looking forward to more outputs of the 2021 Drone Imagery Collection Grant by Datum & OSMPH!

Try the data yourself: <https://github.com/maning/plaza-roma-imagery>

Learn more about the initiative: https://wiki.openstreetmap.org/wiki/2021_Drone_Imagery

I used QGIS 3.28 on a laptop running an i7 9750H CPU, RTX 2060 mobile GPU, and 64 GB of RAM. The processing was fairly smooth. 🙄

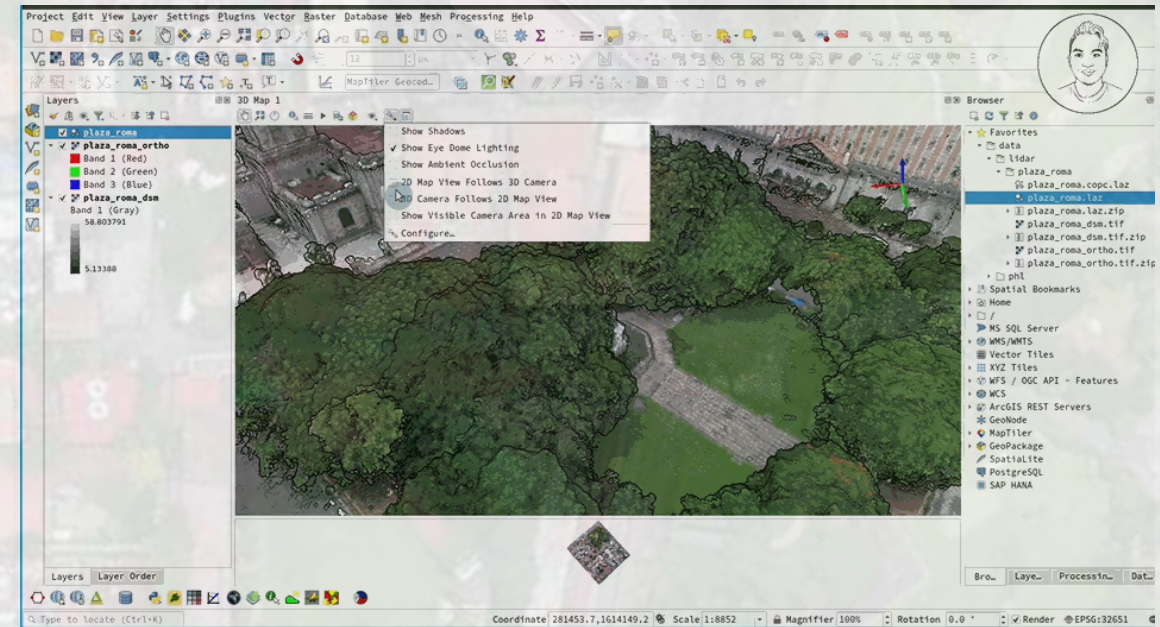
#qgis #gis #intramuros #plazaroma #pointcloud #3d #3dviz #philippines



YOUTUBE.COM

Plaza Roma (Intramuros, Philippines) 3D view from point clouds in QGIS

Plaza Roma data is a subset of Intramuros drone imagery data provided by Datum PH (<https://...>)



QGIS

Plaza Roma (Intramuros, Philippines) 3D view from point clouds in QGIS

212 views Oct 31, 2022

BN HR BNHR
333 subscribers

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3 | | Share + Save ...



THANK YOU!

