Ortho-Imagery (Raw Data)

The **Ortho-Imagery** entity stores a set of georeferenced images—typically aerial or satellite imagery—used for detailed mapping, visualization, or terrain analysis.

Add georeferenced aerial imagery with associated world files (e.g., JPG + JGW). Supports bulk uploads via ZIP.
? *Ideal for surface visualization and texture mapping.*

Uploading Ortho-Imagery

1. Navigate to your project's **Catalog** section and click **"Add Object."**
2. From the list, select **"Ortho-Imagery."**

image.png

3. You'll be prompted to provide the following metadata:

Field	Description
Item Name	A readable, descriptive name for the new imagery set.
Capture Date	*(Optional)* The original date when the imagery was cap
Horizontal Datum	The horizontal datum used in the world registration file (e.g., WGS 84, NAD83).
Projection	The projection used by the world registration files.
Horizontal Units	Units used in the registration files (typically meters or

Uploading Files

- Click **"Choose Files"** to select the image files you wish to upload.
- Each image **must have a corresponding world file** for proper georeferencing.
- You can also upload **ZIP archives** that contain both images and their associated world registration files.

Image Format	Expected World File Extension
.JPG	.JGW
.PNG	.PGW
.BMP	.BPW
.TGA	.TAW
.TIF	.TFW

4. Once your files are selected, click **“Create”** to begin the upload process.

5. You can track the progress of your upload in the **“Pending”** section of the project’s page.

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