



Get Started with **Geo-Browser**

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Geo-Browser

- An internet browser with geographic information.
- Allows combining many types of geographic data from different sources.
- Google Earth is the most popular and common geo-browser available

Get Started with Google Earth (Part 1)

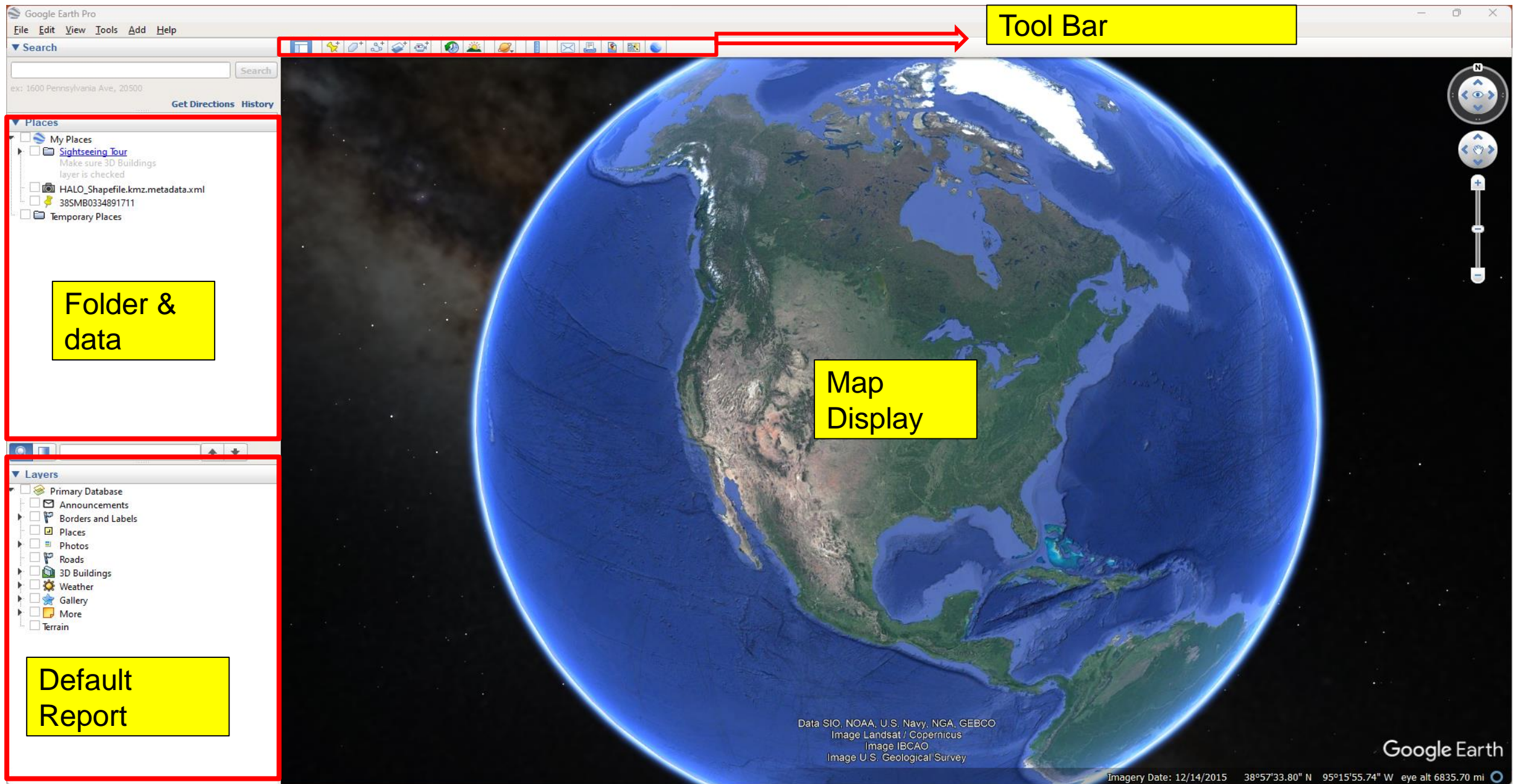
Overview Google Earth

- Start using Google Earth See places and change views of Google earth, Learn about the world and search for places, Allow Google Earth to access your location, Send location to someone, See altitude and coordinates, etc. Create Projects and KML in Google Earth.

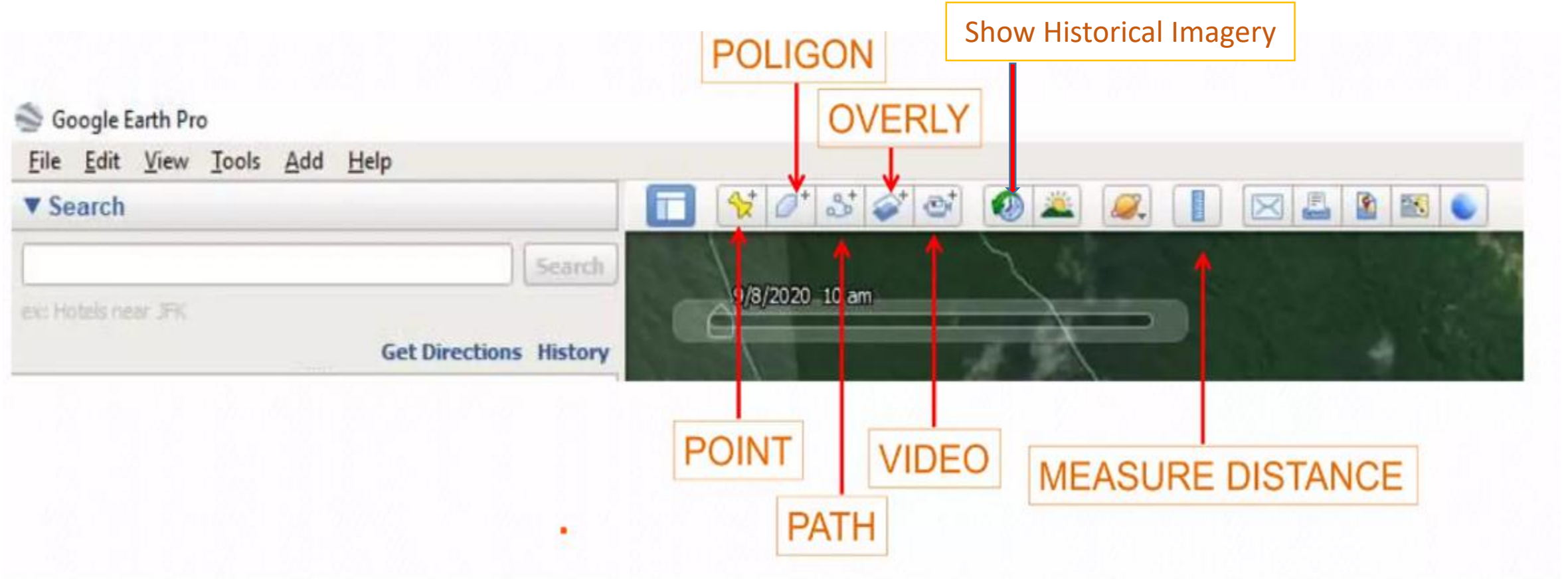
Download and Installation:

1. Download the software first
2. Install google Earth Pro software
3. After Google Earth is installed, open the application. After that a license confirmation will appear
4. After confirming the license, Google Earth is ready to use
5. To install Google Earth Pro, go to this link (<https://www.google.com/earth/versions/>) and select the third option as shown in the image, scroll down, and then click download earth pro on your desktop.

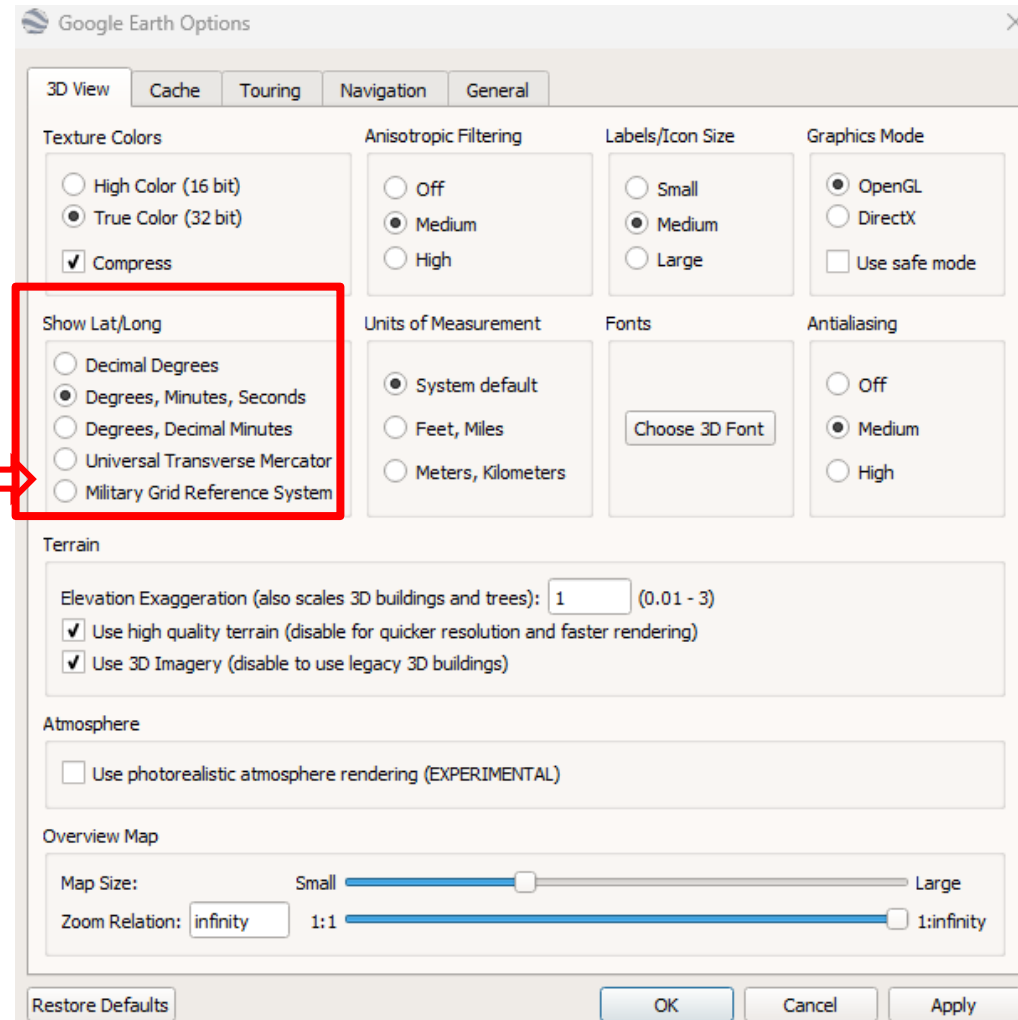
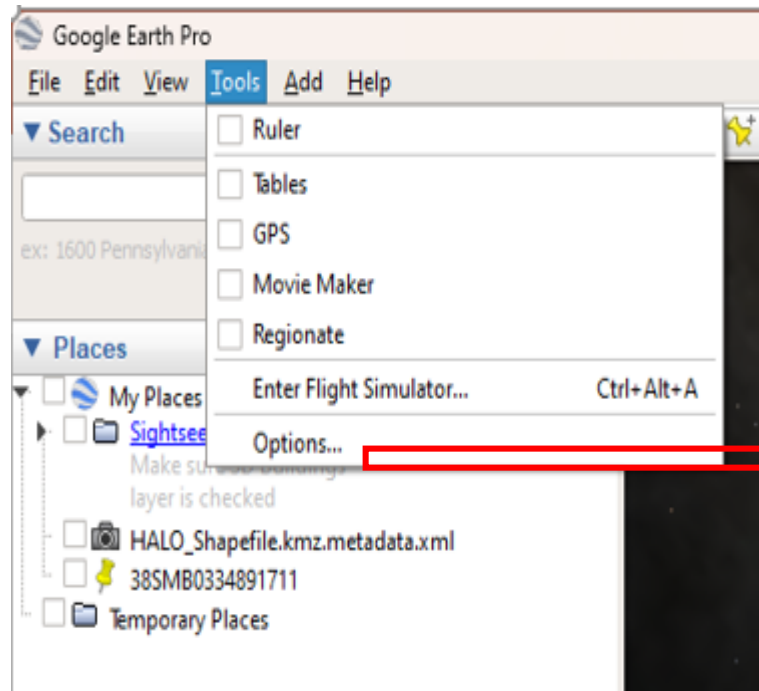
Window and Toolbar menu



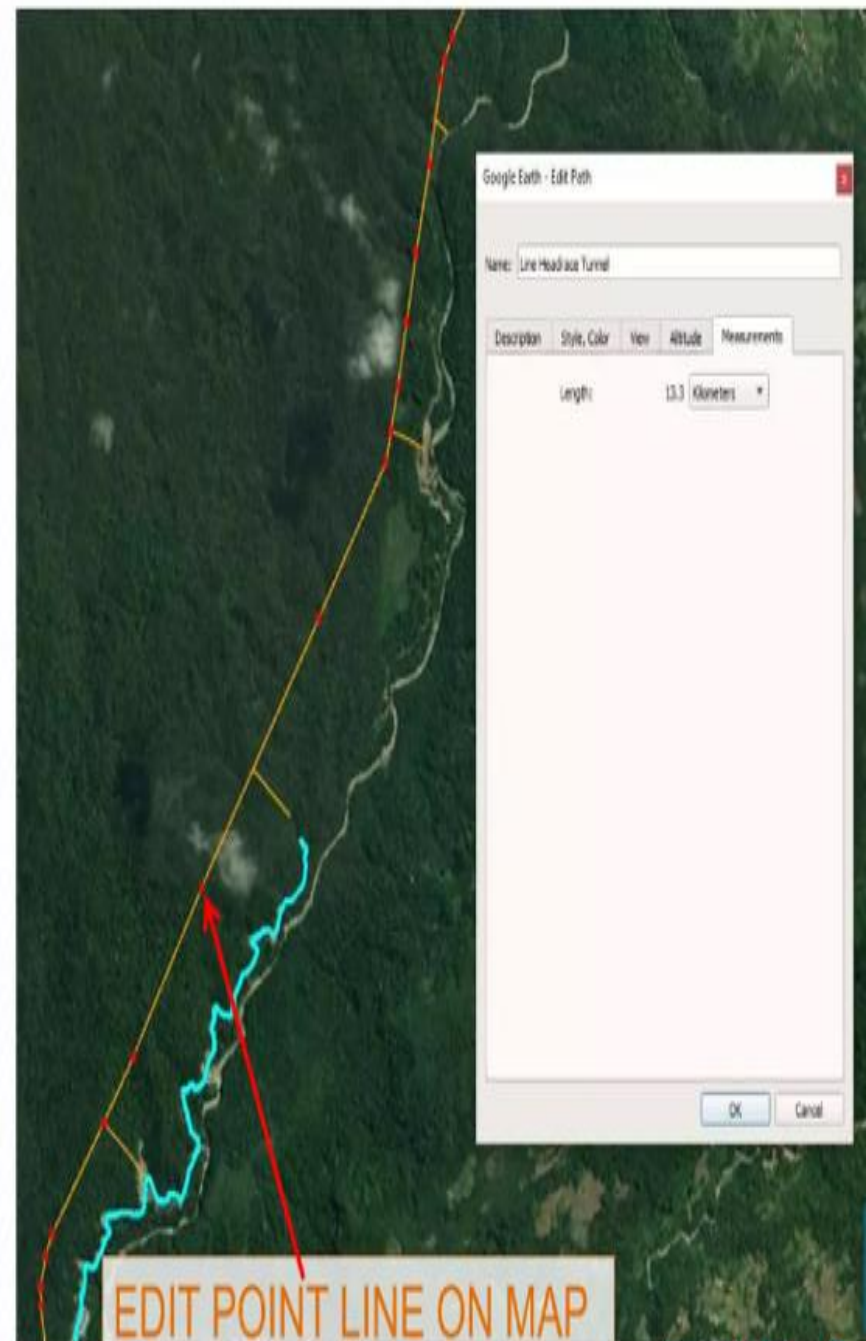
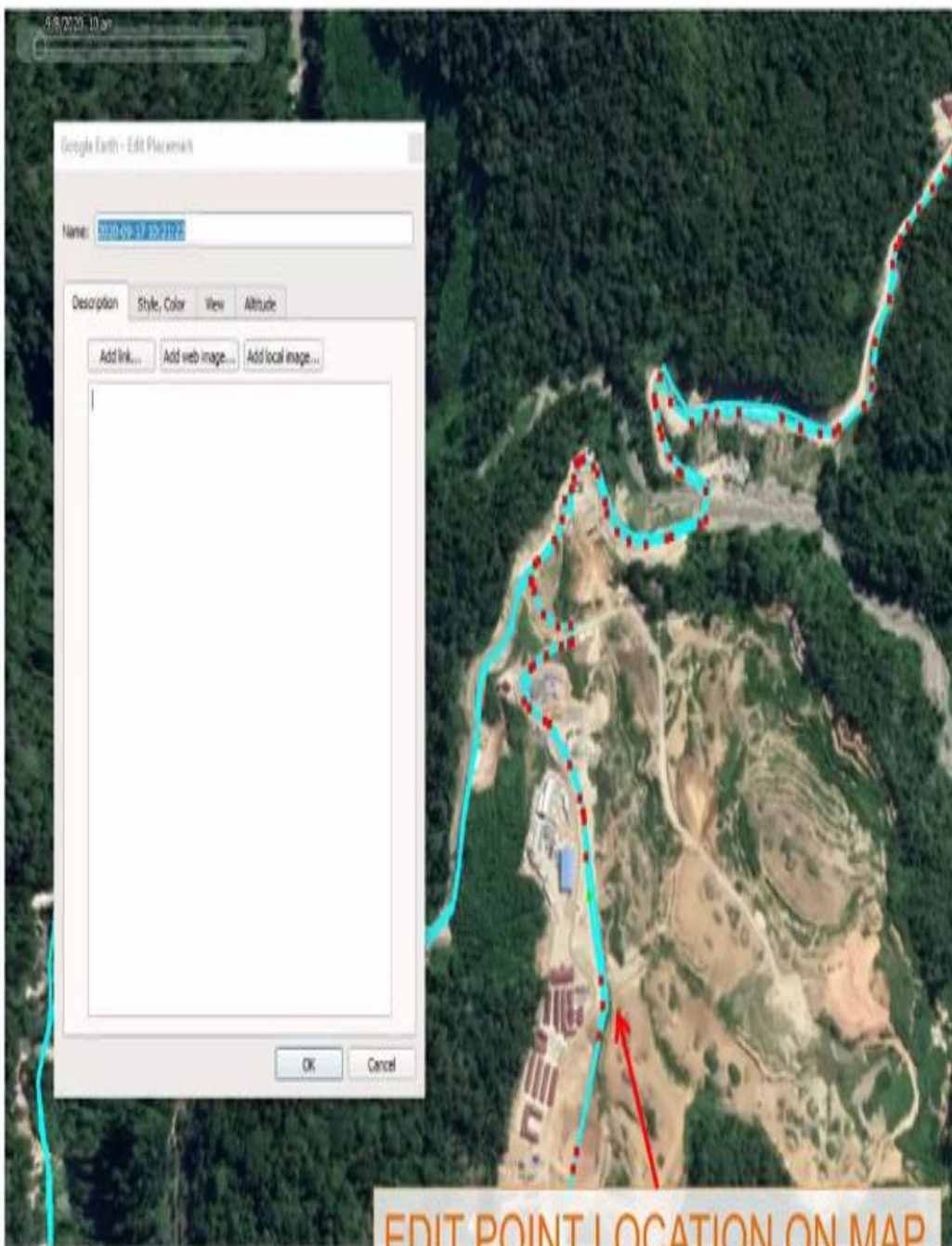
Window and Toolbar menu



Window and Toolbar menu



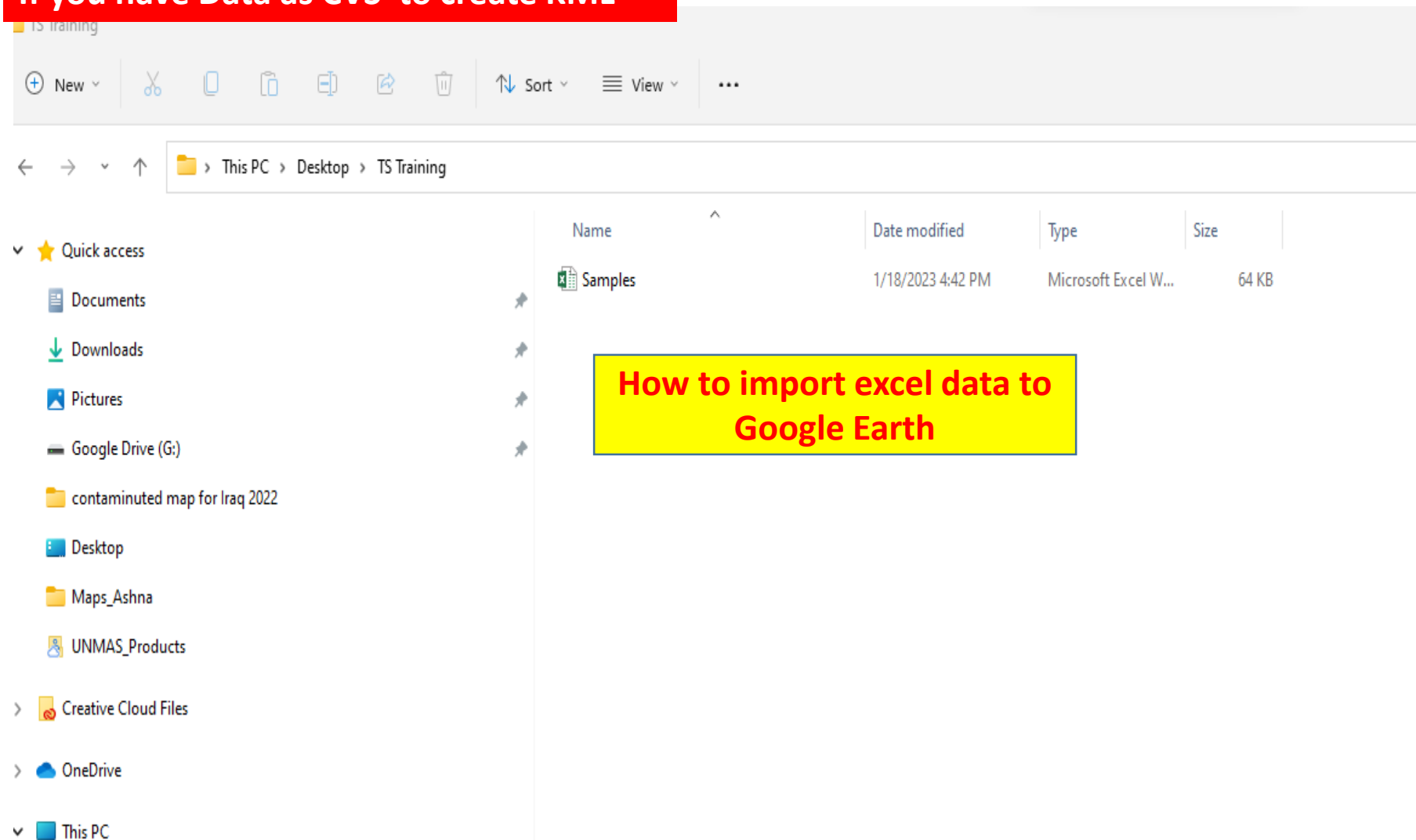
Tool Bar for a coordinate system



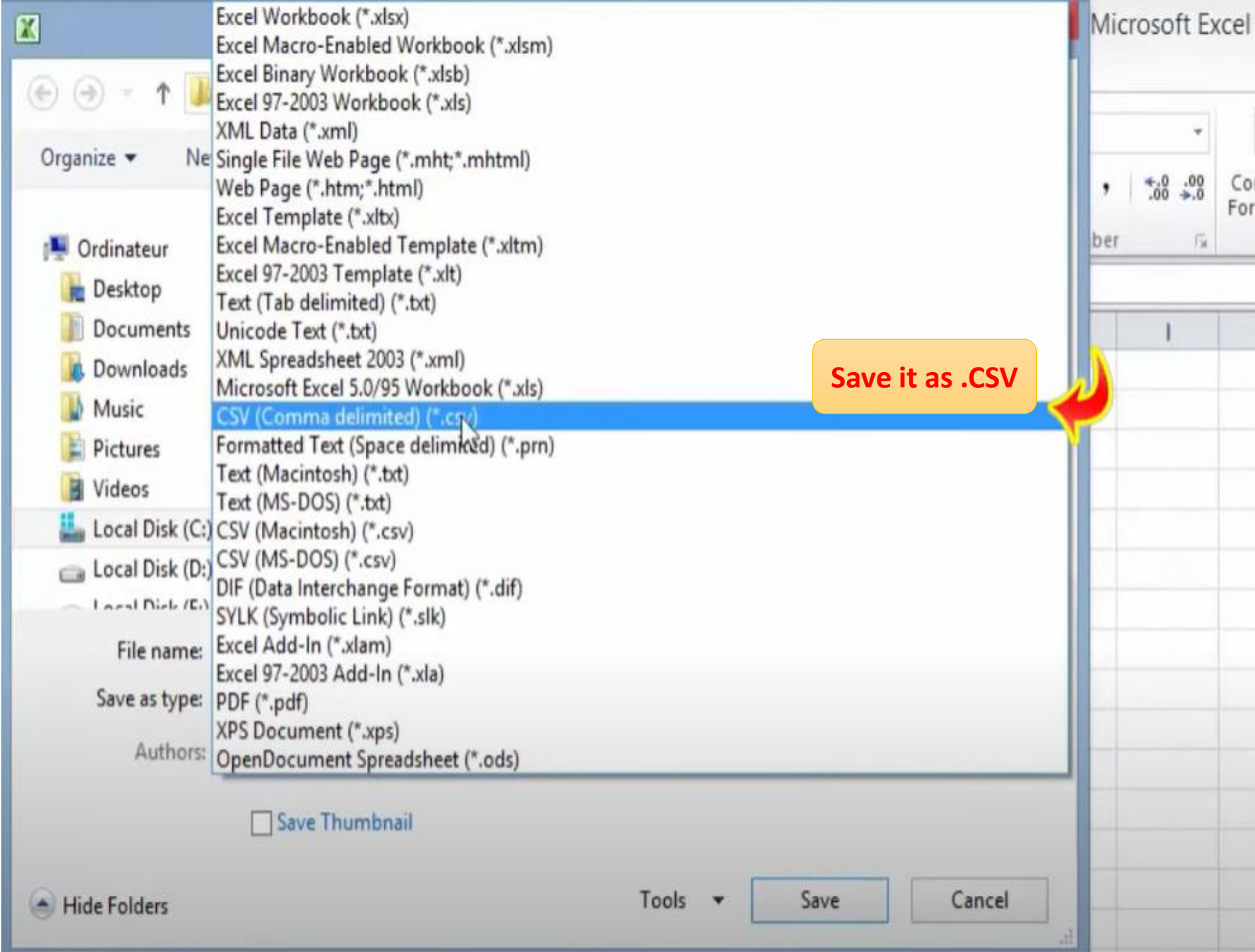
Google Earth (Part 2)

Data type, Import/ Export & Edit data

If you have Data as CVS to create KML



PlaceID	LocationID	Governorate	DistrictE	LocationE	Latitude	Longitude	DPs	Rets	locationTy
7861	1101001	Dahuk	Amedi	Amedi	37.0910034	43.4891284	84	0	IDPs
8171	1101002	Dahuk	Amedi	Aradin	37.1088077	43.318699	42	0	IDPs
8189	1101004	Dahuk	Amedi	Bamarne	37.1190517	43.2669708	90	0	IDPs
7770	1101005	Dahuk	Amedi	Chamanke	36.9390687	43.4090890	486	0	IDPs
24920	1101006	Dahuk	Amedi	Dawadia Ca	37.0936537	43.2268699	3798	0	IDPs
8229	1101007	Dahuk	Amedi	Deraluk	37.0552789	43.6521996	132	0	IDPs
7860	1101008	Dahuk	Amedi	Inishke	37.1070817	43.3607362	162	0	IDPs
8443	1101009	Dahuk	Amedi	Kani Mase	37.2283434	43.4381550	72	0	IDPs
23903	1101010	Dahuk	Amedi	Kaniya Mala	37.1026647	43.4853458	144	0	IDPs
7862	1101011	Dahuk	Amedi	Qadish Colle	37.0990553	43.3816121	102	0	IDPs
7835	1101012	Dahuk	Amedi	Sarsink	37.0390008	43.3461536	426	0	IDPs
7833	1101013	Dahuk	Amedi	Sheladize Co	37.0324599	43.7723622	126	0	IDPs
7867	1101014	Dahuk	Amedi	Sikreen	37.0391581	43.2794771	42	0	IDPs
26044	1101015	Dahuk	Amedi	Sowaratoka	37.0097078	43.2231515	6	0	IDPs
7768	1101019	Dahuk	Amedi	Mizi Village	36.9450367	43.3918651	342	0	IDPs
27120	1101020	Dahuk	Amedi	Nahla Area	36.8637097	43.6931772	270	0	IDPs
22613	1101021	Dahuk	Amedi	Azadi	37.0462970	43.3630371	54	0	IDPs
29567	1101022	Dahuk	Amedi	Kani	37.0856284	43.5237543	36	0	IDPs
22546	1101023	Dahuk	Amedi	Kanika	37.066523	43.264236	48	0	IDPs
7788	1101024	Dahuk	Amedi	Hamza	37.118373	43.165868	36	0	IDPs
8224	1101025	Dahuk	Amedi	Dawodia Vil	37.09032	43.221146	30	0	IDPs
7785	1101026	Dahuk	Amedi	Ghlbish	37.10212	43.203235	24	0	IDPs
33583	1101027	Dahuk	Amedi	Dhe	37.134522	43.179439	12	0	IDPs
8419	1101028	Dahuk	Amedi	Shekh Mama	37.81119	43.260567	18	0	IDPs
8335	1101029	Dahuk	Amedi	Spindare	36.971111	43.316111	96	0	IDPs
8666	1101030	Dahuk	Amedi	Barchi	37.074412	43.579921	36	0	IDPs
33584	1101031	Dahuk	Amedi	Goharze	37.072531	43.604751	18	0	IDPs
8214	1101032	Dahuk	Amedi	Chalke	37.256788	43.160867	30	0	IDPs
8525	1101033	Dahuk	Amedi	Merstak	37.088992	43.513432	60	0	IDPs
8704	1101034	Dahuk	Amedi	Bakada	37.088111	43.453001	42	0	IDPs



Google Earth Pro

File Edit View Tools Add Help

Open... Ctrl+O

Save

Revert

Email

View in Google Maps Ctrl+Alt+M

View in Google Earth on web

Print... Ctrl+P

Import...

Server Sign Out

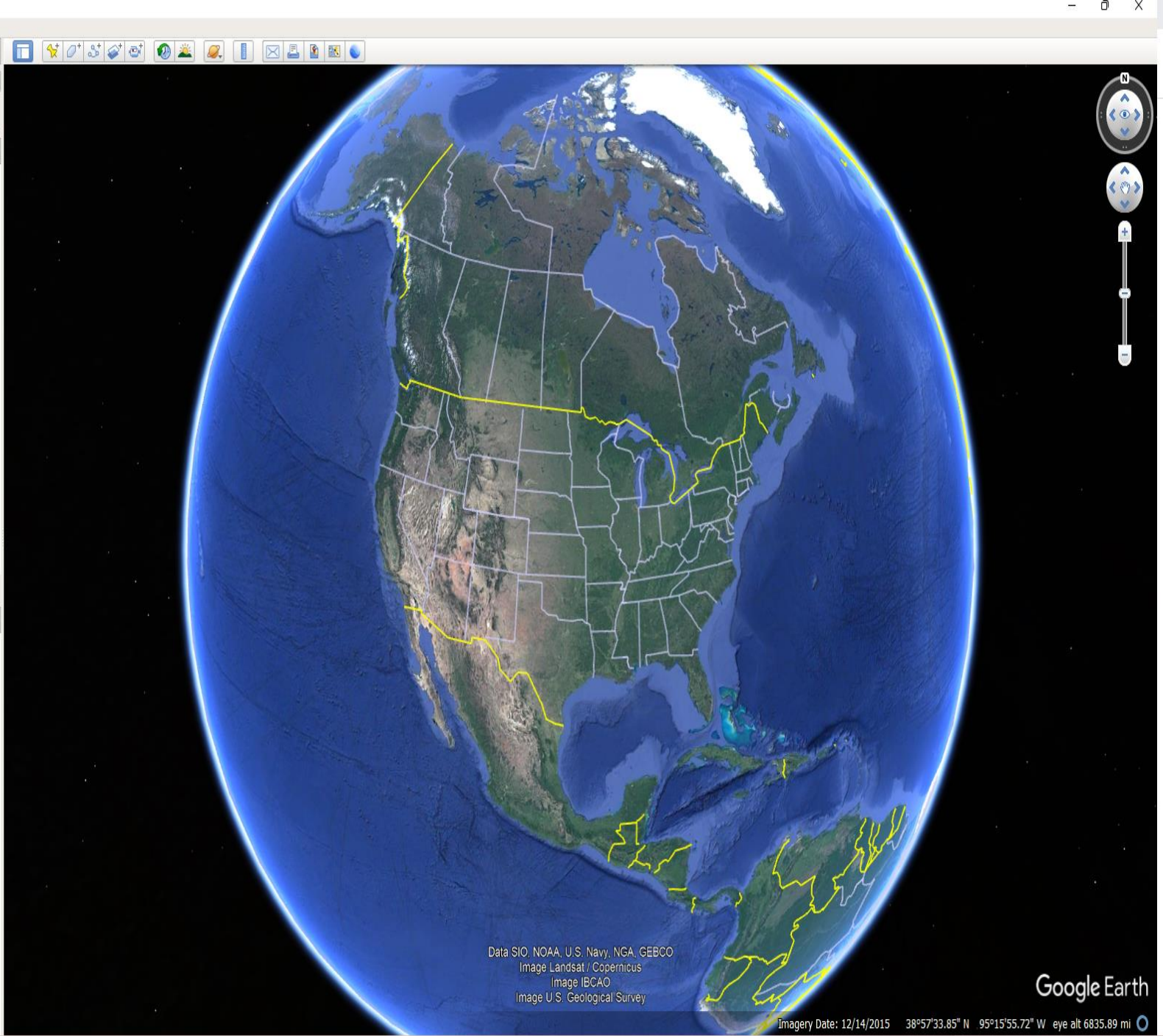
Exit

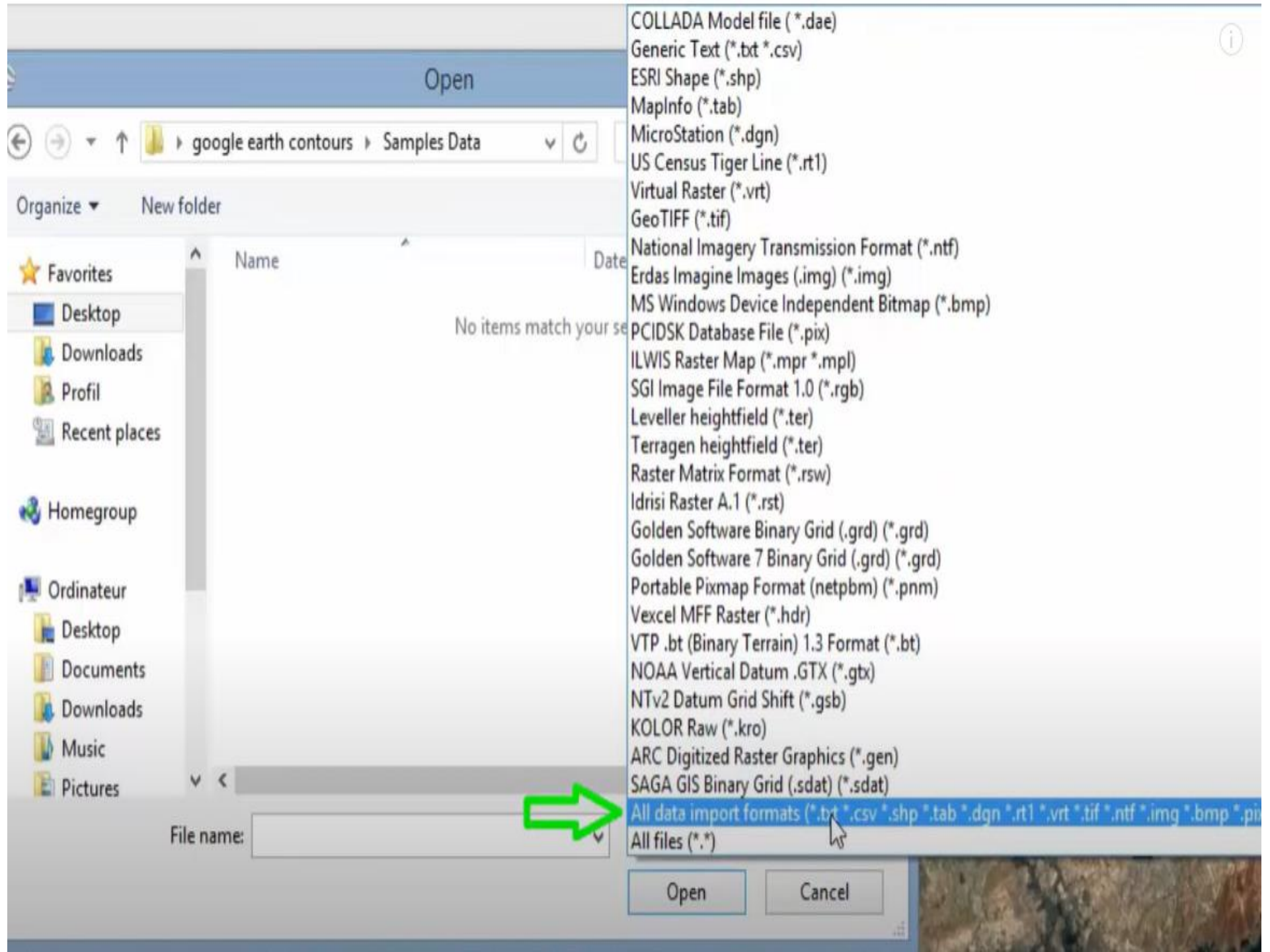
Search

History

Layers

- Primary Database
 - ☐ Announcements
 - ☒ Borders and Labels
 - ☒ Places
 - ☐ Photos
 - ☒ Roads
 - ☐ 3D Buildings
 - ☐ Weather
 - ☐ Gallery
 - ☐ More
 - ☒ Terrain





File Edit View Tools Add Help

▼ Search

Search

ex: Tokyo, Japan

Get Directions History

▼ Places

- My Places
 - Sightseeing Tour
 - Make sure 3D Buildings layer is checked
 - Temporary Places

Layers

- Primary Database
 - Announcements
 - Borders and Labels
 - Places
 - Photos
 - Roads
 - 3D Buildings
 - Weather
 - Gallery
 - More
 - Terrain

Data Import Wizard

Specify Delimiter
This step allows you to specify the field delimiter in your text file

Field Type

☒ Delimited ☐ Fixed width

Delimited

Select the delimiter that separates each field. If there can be more than one delimiter between two fields (such as spaces), check the "treat consecutive delimiters as one" option. You can also provide your own custom delimiter by checking the "other" option

☐ Space ☒ Treat consecutive delimiters as one

☐ Tab

☒ Comma

☐ Other

Fixed Width

Column width

Text Encoding

Supported encodings

This is a preview of the data in your dataset.

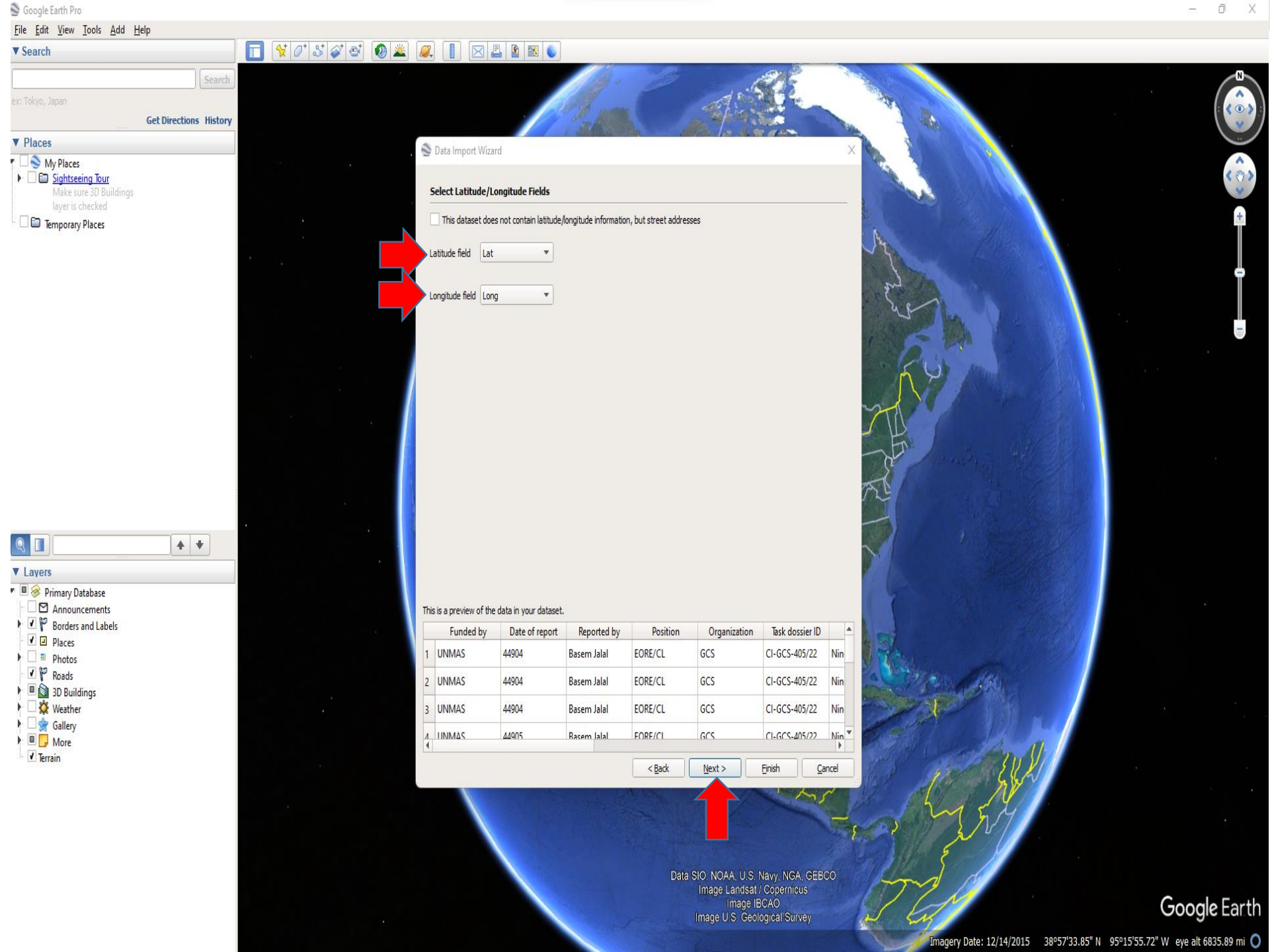
	Funded by	Date of report	Reported by	Position	Organization	Task dossier ID	
1	UNMAS	44904	Basem Jalal	EORE/CL	GCS	CI-GCS-405/22	Nin
2	UNMAS	44904	Basem Jalal	EORE/CL	GCS	CI-GCS-405/22	Nin

Next > Finish Cancel

Data SIO, NOAA, U.S. Navy, NGA, GEBCO
Image Landsat / Copernicus
Image IBCAO
Image U.S. Geological Survey

Google Earth

Imagery Date: 12/14/2015 38°57'33.85" N 95°15'55.72" W eye alt 6835.89 mi



Specify Field Types (optional)

This step allows you to specify the type of each field in your dataset.
This is optional.

Position	string
Organization	string
Task dossier ID	string
Province	string
District	string
Subdistrict	string
City/Town/Village	string
Location name	integer
Location kind	floating point
MGRS	floating point
Lat	floating point
Long	floating point

Check the field type in here;
1- Text –String
2- Number: integer
3. Lat, long and MGRS: floating point

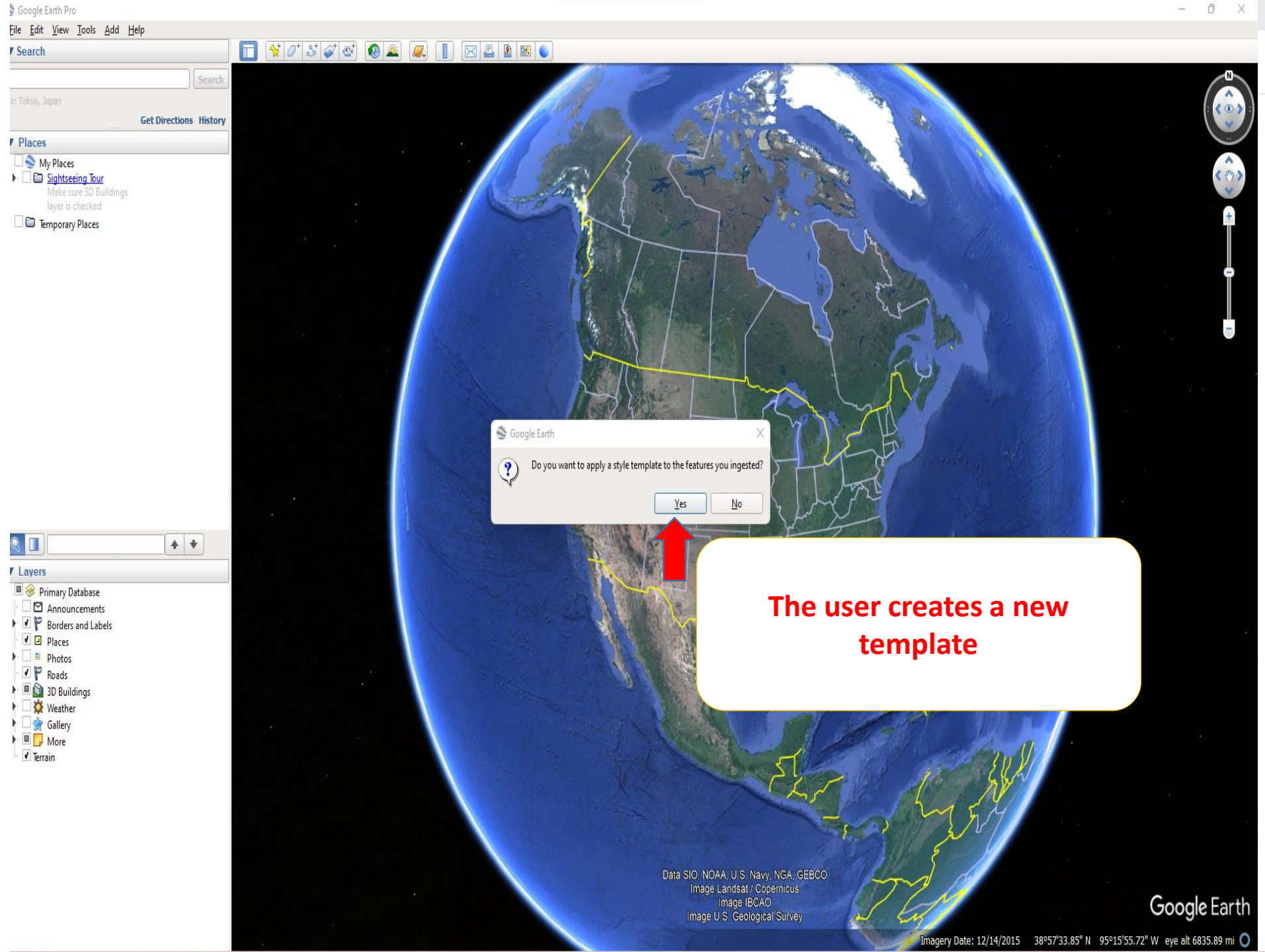
This is a preview of the data in your dataset.

	Funded by	Date of report	Reported by	Position	Organization	Task dossier ID	
1	UNMAS	44904	Basem Jalal	EORE/CL	GCS	CI-GCS-405/22	Nin
2	UNMAS	44904	Basem Jalal	EORE/CL	GCS	CI-GCS-405/22	Nin
3	UNMAS	44904	Basem Jalal	EORE/CL	GCS	CI-GCS-405/22	Nin
4	UNMAS	44905	Basem Jalal	EORE/CL	GCS	CI-GCS-405/22	Nin

< Back

Finish

Cancel



colors also can be changed
here on the

Symbols can be changed in the icon box if
they want to be the same icon for all the
symbols or different icons required for
each record.

Choose the
field name
to organize
and present
the data

Style Template Settings

Name Color Icon Height

Set name field Organization

This preview table contains the first ten features in the dataset

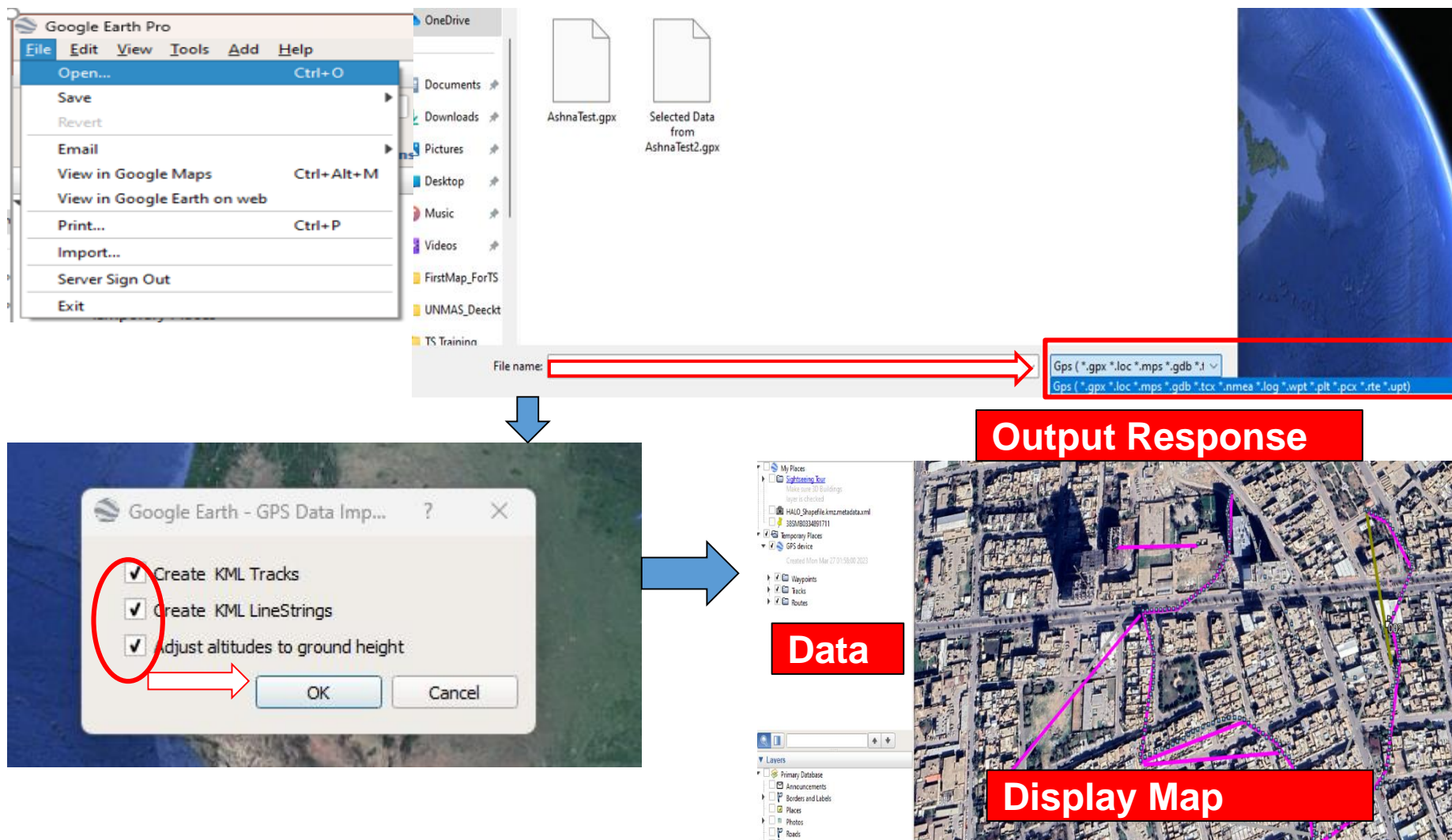
	Date_of_report	Reported_by	_Position	Organization	Task_dossier_
1	44904	Basem Jalal	EORE/CL	GCS	CI-GCS-405/22
2	44904	Basem Jalal	EORE/CL	GCS	CI-GCS-405/22
3	44904	Basem Jalal	EORE/CL	GCS	CI-GCS-405/22
4	44905	Basem Jalal	EORE/CL	GCS	CI-GCS-405/22
5	44905	Basem Jalal	EORE/CL	GCS	CI-GCS-405/22

OK Cancel

click okay to
generate Data on
the map.

Data type, Import/ Export & Edit data

If you have Data as GPX to create KML



Home work

1. Choose the areas of interest that you would like to work on it
2. Bring an image of the areas of interest from Google Earth with four points in a separate file.
3. Both images and files should be saved in a single folder and on a drive.
4. In a Word document, write a brief description of your report's plan. For example, first define your area of interest, then set up a plan, and consider why you need GIS for this image and what you want to do with it. What exactly are your goals and objectives?
5. Print your plan, include your full name, and indicate the group.