

Preparing for Data Collection: Offline Basemaps

- Tile Packages (**TPKs**) are compressed files for **accessing** imagery and other online GIS service data in an **offline** environment
- ArcGIS Imagery Basemap for scale levels 10-17 of the AGOL Tile set available in varying coverages:
 - 15 Minute – 30 km²
 - 7.5 Minute – 15 km²

- Level ID: 10
 - Resolution: 152.87405657041106
 - Scale: 577790.554289
- Level ID: 11
 - Resolution: 76.43702828507324
 - Scale: 288895.277144
- Level ID: 12
 - Resolution: 38.21851414253662
 - Scale: 144447.638572
- Level ID: 13
 - Resolution: 19.10925707126831
 - Scale: 72223.819286
- Level ID: 14
 - Resolution: 9.554628535634155
 - Scale: 36111.909643
- Level ID: 15
 - Resolution: 4.77731426794937
 - Scale: 18055.954822
- Level ID: 16
 - Resolution: 2.388657133974685
 - Scale: 9027.977411
- Level ID: 17
 - Resolution: 1.1943285668550503
 - Scale: 4513.988705

World Imagery

This layer presents low-resolution satellite imagery for the world and high-resolution satellite and aerial imagery, typically within 3-5 years of currency, for most of the world.

Tile Layer by Esri

Created: Dec 12, 2009 Updated: May 15, 2019 View Count: 21,875,592

Authoritative Living Atlas

Description

World Imagery provides one meter or better satellite and aerial imagery in many parts of the world and lower resolution satellite imagery worldwide. The map includes 15m TerraColor imagery at small and mid-scales (~1:591M down to ~1:72k) and 2.5m SPOT imagery (~1:288k to ~1:72k) for the world. The map features 0.5m resolution imagery in the continental United States and parts of Western Europe from DigitalGlobe. Additional DigitalGlobe sub-meter imagery is featured in many parts of the world. In the United States, 1 meter or better resolution NAIIP imagery is available in some areas. In other parts of the world, imagery at different resolutions has been contributed by the GIS User Community. In select communities, very high resolution imagery (down to 0.03m) is available down to ~1:280 scale. You can contribute your imagery to this map and have it served by Esri via the [Community Maps Program](#). View the list of [Contributors for the World Imagery Map](#).

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From the office: Access ArcGIS Online

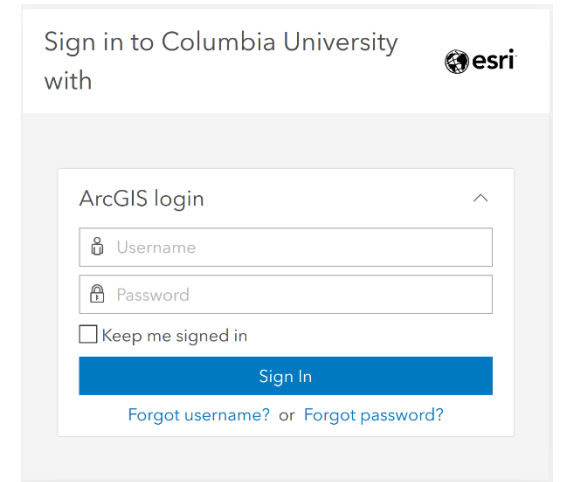
1) Navigate to


<https://columbia.maps.arcgis.com>

2) Enter your assigned AGOL User
Name and Password

3) Access the MAHRV Group

4) Open the MAHRV Basemap TPK
Download [Web Map](#)



Sign in to Columbia University with 

ArcGIS login ^

Keep me signed in

[Sign In](#)

[Forgot username?](#) or [Forgot password?](#)

Latest Content



From the office: Download Tile Packages (TPKs)

1) Determine your area(s) of interest

2) Click on the box for each area where you plan to conduct field work

3) Click [More info](#) under the Download URL attribute to download the TPK for that area

The screenshot displays the MAHRV Basemap TPK Download Web Map interface. The map shows West Africa with a yellow grid overlay. A pop-up window titled "(1 of 10)" is open over a tile in Guinea, displaying the following information:

Basemap Tiles: TILE458586	
Tile Name	TILE458586
ISO Code	GIN
Country Name	Guinea
Administrative Level 1 Name	Boke
Full Name of Download Tile	Guinea Boke TILE458586
Download URL	More info
Tile Resolution	15 Minutes: 30 Square Kilometers

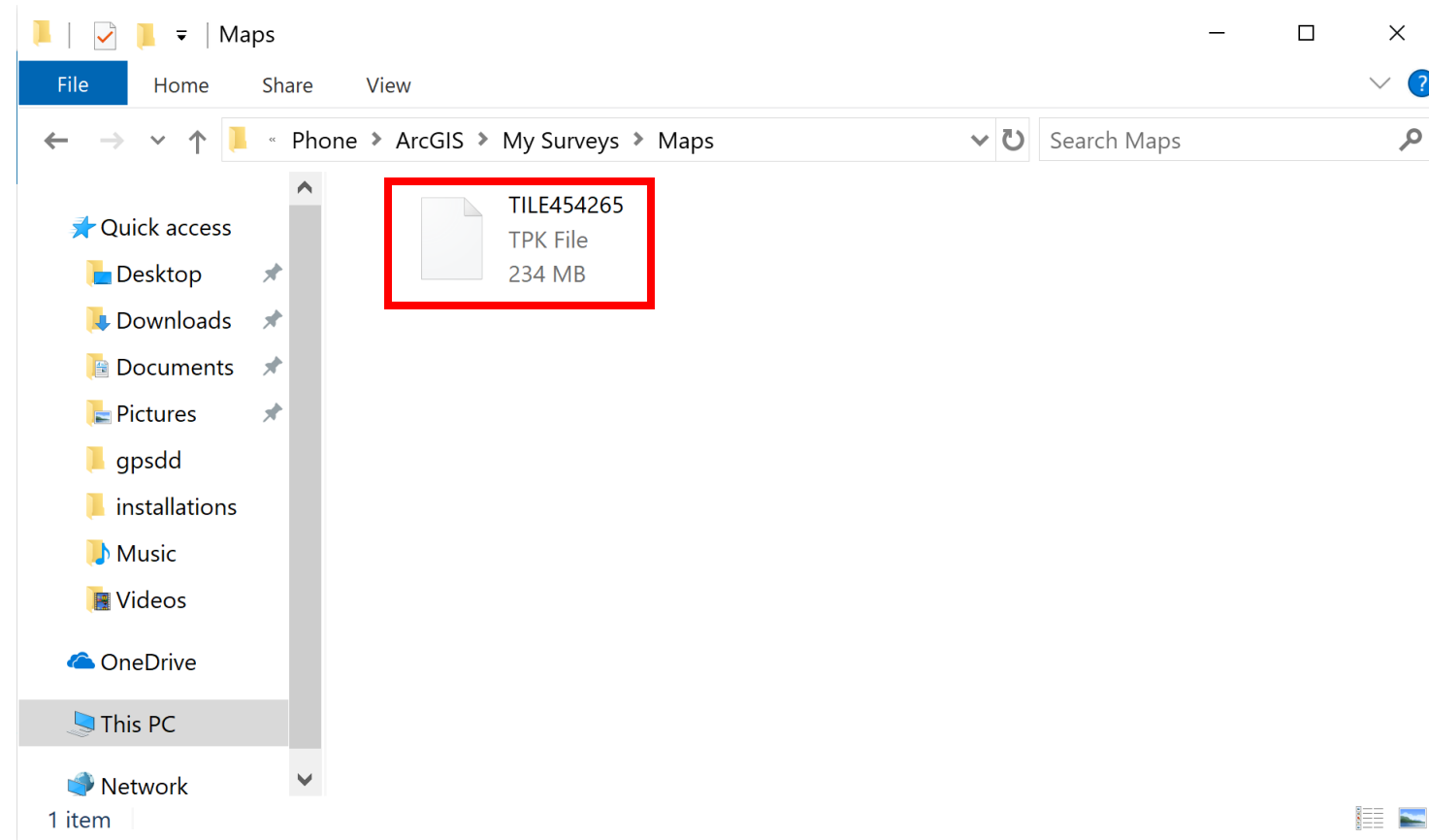
The "More info" link is highlighted with a red box. The interface also includes a search bar, navigation controls, and a legend.

From the office: Make Maps Visible to Survey123

1) Navigate to the downloaded
TPK(s...one or many)

2) Connect your device to the
computer that you downloaded
the TPK(s) from

3) Copy the TPK(s) to



This PC\Your Device Name\Phone\ArcGIS\My Surveys\Maps