

## Geospatial PDF “One Page”

1. Create map in ArcMap or ArcGIS Pro. Keep basemap, “page size”, and map scale in consideration. Confirm all standard map elements (STANDL SGD) are present.
2. In ArcMap:
  - a. Go to **File** → **Export Map...**
  - b. In the Export Map window, save your map in the appropriate folder and name it using the GSTOP naming conventions. Beside **Save as type**, select **PDF**. In the **General Tab**, for **Resolution**, choose **300 dpi**. Set the **Output Image Quality (Resample Ratio)** to **“Best”**.
  - c. On the **Format Tab**, set the **Destination Colorspace** to **RGB**. Check **Compress Vector Graphics**. The **Image Compression** option should be **Adaptive**. Finally check the box for **Embed All Document Fonts**.
  - d. On the **Advanced tab**, set **Layers and Attributes** to **None** or **Export PDF Layers Only**. Check the box for **Export Map Georeference Information**. Click **Save** to create the geospatial PDF.
3. In ArcGIS Pro:
  - a. Make sure that the map or layout is the active view and then click on the **Share tab** → then in the **Export Group** → click **“Map”** or **“Layout”** (Depending on the active view)
  - b. In the Export Layout window, save your map in the appropriate folder and name it using the GSTOP naming conventions. Click **Save as type** and choose **PDF**. The option descriptions are similar to those found in ArcMap. Type **300** for the **Resolution (DPI)**, check to box next to **Embed Fonts**, and select **Best** for **Image Quality**.
  - c. Click the **Export Options** button. In the Export Options window, confirm the box next to **Compress vector graphics** is checked. Choose **Adaptive** for **Image Compression**. For **Layers and attributes**, choose **None** or **Export PDF Layers Only**; check the box next to **Export map georeferenced information**. Click **OK** and then click **Export** to create the geospatial PDF.
4. Compress the geospatial pdf using either Adobe Acrobat Pro (if it is installed on your computer), or a free online compression tool such as <https://smallpdf.com/> .
5. Upload the compressed geospatial PDF to a mobile device and open using the Avenza Maps App to test the appearance and functionality. It may take several attempts to get the correct balance of page size, scale, and output settings.