

# ARCH Studios - International Site

## Getting Started

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For your project, you will be using ArcGIS Pro, the latest program from the ArcGIS Suite. If you do not have much experience in our lab, use this guide for [Getting Started with ArcGIS Pro \(forthcoming\)](#).

## Obtaining Data

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[OpenStreetMap](#) offers regularly-updated extracts of continents, countries, and selected cities. Check the [International Data](#) section for instructions.

For architecture projects, the following features from the Geofabrik data might be useful:

- **gis\_osm\_water\_a\_free** includes polyline of waterways
- **gis\_osm\_roads\_free** includes roads
- **gis\_osm\_buildings\_a\_free** includes building footprints
- **gis\_osm\_landuse\_a\_free** includes zoning / land use information
- **gis\_osm\_places\_a\_free** includes polygons of subdivisions

Once you have obtained the necessary data, it is time to process it.

## Processing Data

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After obtaining your data, you can process them in many ways. For the following basic processing steps, follow the guide instructions:

[Clipping](#), [Merging](#), [Joining Tables](#), [Symbolizing](#), [Creating 3D Images](#), and/or [Adding a Legend](#).

Instructions for all of these processing methods can be found on this Wiki page under Common GIS Methods>Processing Data. If you need to process your data in another way, please ask a GDC staff member for assistance.

For data downloaded from OpenStreetMap, make sure to assign a projection to the map before moving forward. Instructions can be found in the [Open Street Map](#) wiki page.

## Exporting

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Once you have obtained and processed the data to your liking, it is time to export. There are three main exporting methods:

[CAD](#), [Illustrator](#), and [Rhino](#).

If you have any other questions about exporting, ask a GDC staff member.