

TRANSITION TO ARCGIS PRO

Terminology



ArcGIS® Pro

Multithreaded processing
ArcGIS Online integration
2D-3D transition
Project-based file management
More intuitive interface

Some downsides:

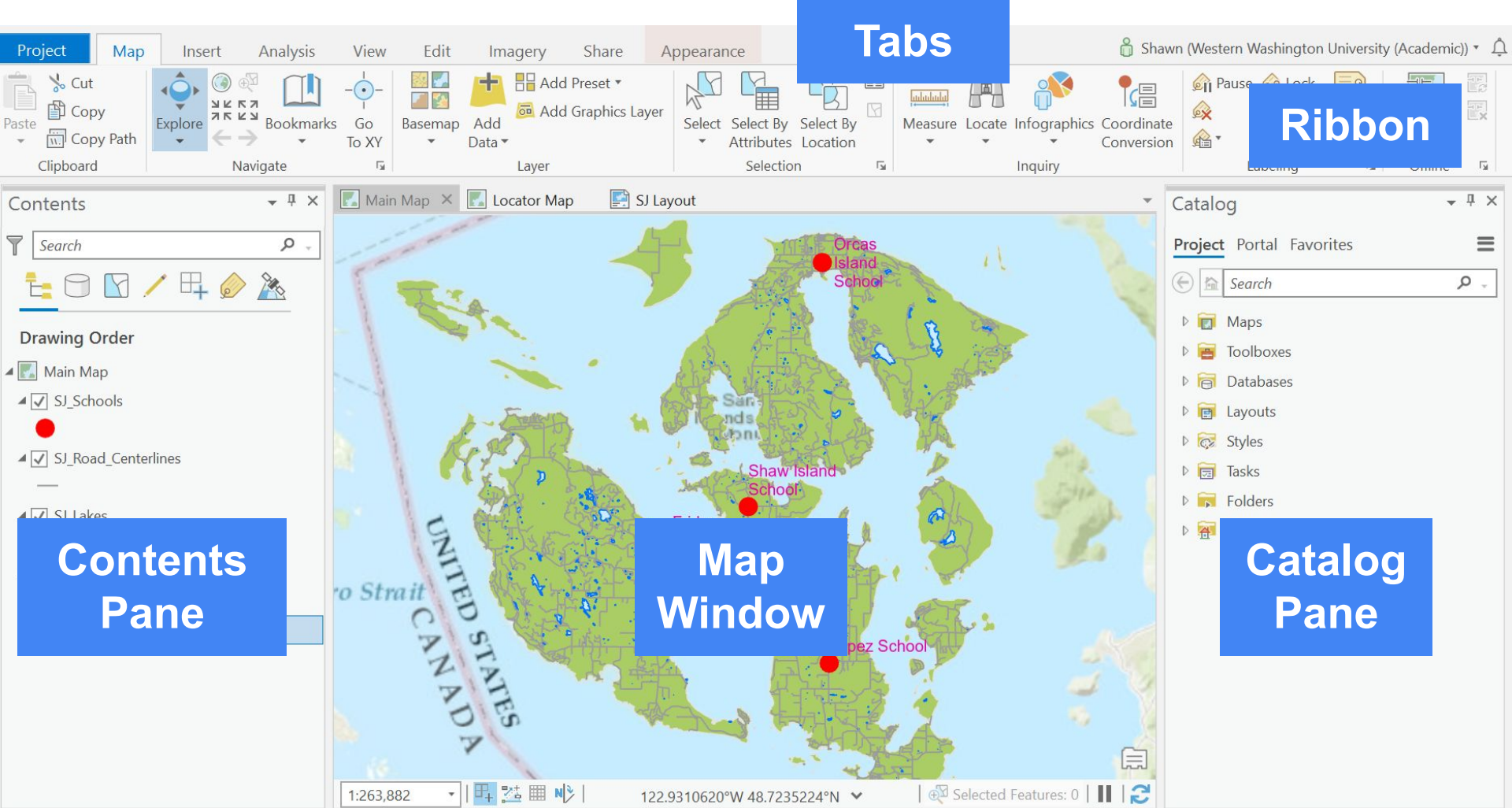
Third party extensions may not have functionality in ArcGIS Pro

Offline mode must be toggled to work without an internet connection

Excel worksheet translation may struggle

ArcInfo coverages and personal geodatabases (.mdb) are incompatible

Absolute/relative paths are fixed



Tabs

Ribbon

Contents
Pane

Map
Window

Catalog
Pane

Sign in with



ArcGIS login



 Username

 Password

Sign In

Cancel

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

Your ArcGIS organization's URL



[Privacy](#)

Sign in with



ArcGIS login



Your ArcGIS organization's URL



.maps.arcgis.com

☐

Remember this URL

Continue



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ArcGIS® Pro

Open

Recent Projects



MyProject5

C:\Users\behllins\Documents\ArcGIS\Projects\...



lab7

C:\Users\behllins\Documents\ArcGIS\Projects\I...



Terminology

C:\Users\behllins\Desktop\Warthog_Training_C...



Open another project



Settings



ArcGIS Pro Learning Resources

New

Blank Templates



Map



Catalog



Global Scene



Local Scene



Start without a template
(you can save it later)

Recent Templates

Your recent templates will appear here.



Select another project template

[Learn about creating project templates](#)

Create a New Project



Name

NewProject

Location

C:\Users\behllins\Documents\ArcGIS\Projects



Create a new folder for this project

OK

Cancel

What is in a Project Folder?

Project File (.aprx)

Maps <- equivalent to *dataframes*

Scenes

Layouts

Toolbox

Geodatabase

Data

Geoprocessing history

Styles

Tasks

Folder connections

Portals

PDFs, documents, non-spatial images... anything!

← → ▾ ↑ > This PC > Windows (C:) > Temp > lab2 >

Name

Date modified

 .backups	4/10/2021 5:40 PM
 ImportLog	4/10/2021 2:57 PM
 Index	4/10/2021 1:29 PM
 lab2.gdb	5/20/2021 12:10 AM
 lab2.aprx	4/10/2021 1:29 PM
 lab2.tbx	4/10/2021 1:29 PM

← → ▾ ↑ > This PC > Windows (C:) > Temp > lab2 >

Name

Date

**Project
folder**

 .backups	4/10/2021 1:29 PM
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 lab2.aprx	4/10/2021 1:29 PM
 lab2.tbx	4/10/2021 1:29 PM












**Project
file**

Catalog

Project Portal Favorites



Search

- ▷  Maps
- ▷  Toolboxes
- ▷  Databases
- ▷  Layouts
- ▷  Styles
- ◀  Folders
 - ◀  lab2
 - ▷  .backups
 - ▷  ImportLog
 - ▷  Lab2
 - ▷  lab2.gdb
 - ▷  lab2.tbx
- ▷  Locators

Choose the name of
your project wisely

Save As only saves the
.aprx file

Relative vs. Absolute Paths

In ArcMap, a...

**Is now called
this in ArcGIS
Pro.**

Feature service

Feature layer



Display point, line or polygon features & their associated attributes

Image service

Imagery



Display raster data products

Map service

Map image layer



Cartography based on raster or vector data and displayed as image tiles

Hosted tile
service

Tile layer



Web-hosted tiles, like basemaps, which are pre-rendered to display quickly

Geoprocessing
service

Web tool



Tools run through the GIS server

These names have not changed:

Scene



Visualization of 3D spatial data

Web map



Hosted maps

Package



An easily shareable folder of spatial data -
examples include map, layer,
geoprocessing, etc.

Table



Spreadsheets of data



New

Open

Save

Save As

Portals

Licensing

Options

Python

Add-In Manager

Options

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Map and Scene

Navigation

Selection

Editing

Geoprocessing

Share and Download

Raster and Imagery

Full Motion Video

Display

Layout

Text and Graphics

Color Management

CAD and BIM

Metadata

Change settings for the current project.

Name

Terminology

Location

C:\Users\behllins\Desktop\Warthog_Training_Coastal_Transition\Exercises\Terminology\Terminology.apr

Home folder

C:\Users\behllins\Desktop\Warthog_Training_Coastal_Transition\Exercises\Terminology



Default geodatabase

C:\Users\behllins\Desktop\Warthog_Training_Coastal_Transition\Exercises\Terminology\Terminology.gdb



Default toolbox

C:\Users\behllins\Desktop\Warthog_Training_Coastal_Transition\Exercises\Terminology\Terminology.tbx



[Learn more about changing a project's settings](#)

OK

Cancel