



Introduction to GIS with ArcGIS Pro

**Page Layouts and Sharing:
Sharing with ArcGIS Pro & Course Wrap-up**

Session 20

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Lecture Outline

- Introduction & Recap (5 minutes)
- Sharing with ArcGIS Pro (30 minutes)
- Guided Exercise & Q&A (10 minutes)
- Assignment 2 (10 minutes)
- Course Wrap-up (5 minutes)

Week 7: Working with Tabular Data

- **Class 13:** Creating Features from Tabular Data
- **Class 14:** Associating Tabular Data (Joins and Relates)

Week 8: Editing Features and Attributes

- **Class 15:** Creating Features by Digitizing
- **Class 16:** Modifying Existing Features

Week 9: Spatial Analysis

- **Class 17:** Answering Questions with Analysis Tools (Buffer, Extract)
- **Class 18:** Performing Overlay Analysis (Intersect, Spatial Join)

Week 10: Page Layouts and Sharing

- **Class 19:** Creating a Page Layout
- **Class 20:** Sharing with ArcGIS Pro & Course Wrap-up
- **Milestone:** Assignment 2 (Mini-Project) will be assigned.



Recap of Season 19

- Map/Page Layout
- Map Elements
- Print/Export Layout

Sharing with ArcGIS Pro

in ArcGIS Pro

Print/Export Layout

Layout can be printed with printer or plotter.

Layout can be exported as PDF, JPEG, PNG, and other formats.

Sharing options

ArcGIS Pro Project

Map

Layer

Layout

Geoprocessing Tool

Geoprocessing (GP) Task/Service

Web Map/Feature Service

References

Share your work in ArcGIS Pro

<https://pro.arcgis.com/en/pro-app/latest/help/sharing/overview/share-with-arcgis-pro.htm>

Introduction to sharing web layers

<https://pro.arcgis.com/en/pro-app/latest/help/sharing/overview/introduction-to-sharing-web-layers.htm>

Introduction to sharing packages

<https://pro.arcgis.com/en/pro-app/latest/help/sharing/overview/introduction-to-sharing-packages.htm>

Exercise

Exercise

- Export a map layout as a PDF file.
- Save a map as a mapx file.

Assignment 2 (Mini-Project)

Assignment Tasks

1. Select a research topic, research questions, and area of interest.
2. Search and download GIS and non-gis data for your project.
3. Create at one or more maps and layouts in a ArcGIS Pro project.
4. Perform some geoprocessing tasks/spatial analysis.
5. Document the steps you followed.
6. Submit the project data, maps and layouts and the writeup.

Course Wrap-up

Continue learning

ArcGIS Pro documentation from Esri

<https://pro.arcgis.com/en/pro-app/latest/help/main/welcome-to-the-arcgis-pro-app-help.htm>

Esri Courses

<https://www.esri.com/training/catalog/search/>

YouTube and other web sources

Topics to Learn

Spatial Analysis

Geoprocessing

Enterprise Geodatabase

Automation/Scripting

Work with Imagery

3D/BIM/ Digital Twin

Web GIS

Mobile GIS

Web Application Development

GeoAI

Learn with projects

Plan to use ArcGIS Pro for different personal and professional projects.

Keep in touch with GIS community

Network with like minded people.

Be open to learn from others.

Follow people in LinkedIn who posts on GIS topics - you will get a lot of ideas and applications.

Keep in touch with me.

<https://www.linkedin.com/in/palashbasak/>