



Introduction to GIS with ArcGIS Pro

Page Layouts and Sharing: Creating a Page Layout

Session 19

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Lecture Outline

- Introduction & Recap (5 minutes)
- Creating a Page Layout (45 minutes)
- Guided Exercise & Q&A (10 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 17 & 18

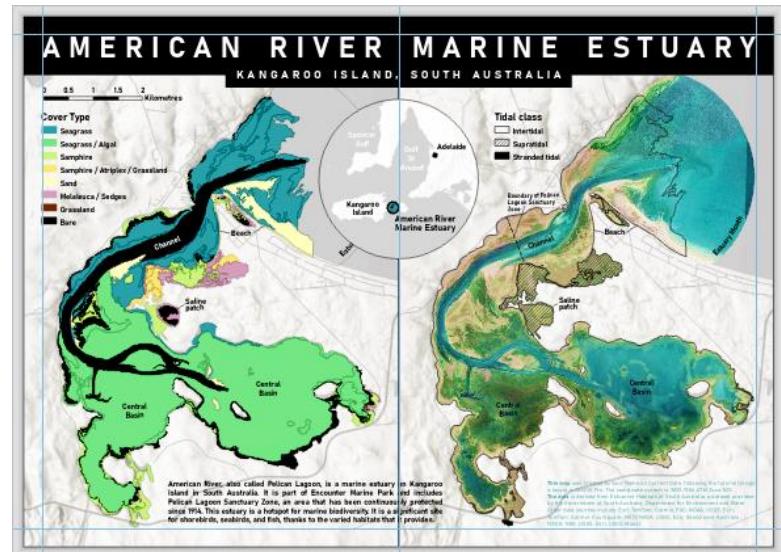
- Answering Questions with Analysis Tools
 - Spatial Analysis
 - Geoprocessing
 - Buffer Analysis
 - Analysis toolbox
 - Performing Spatial Analysis using Python Script

Creating a Page Layout

in ArcGIS Pro

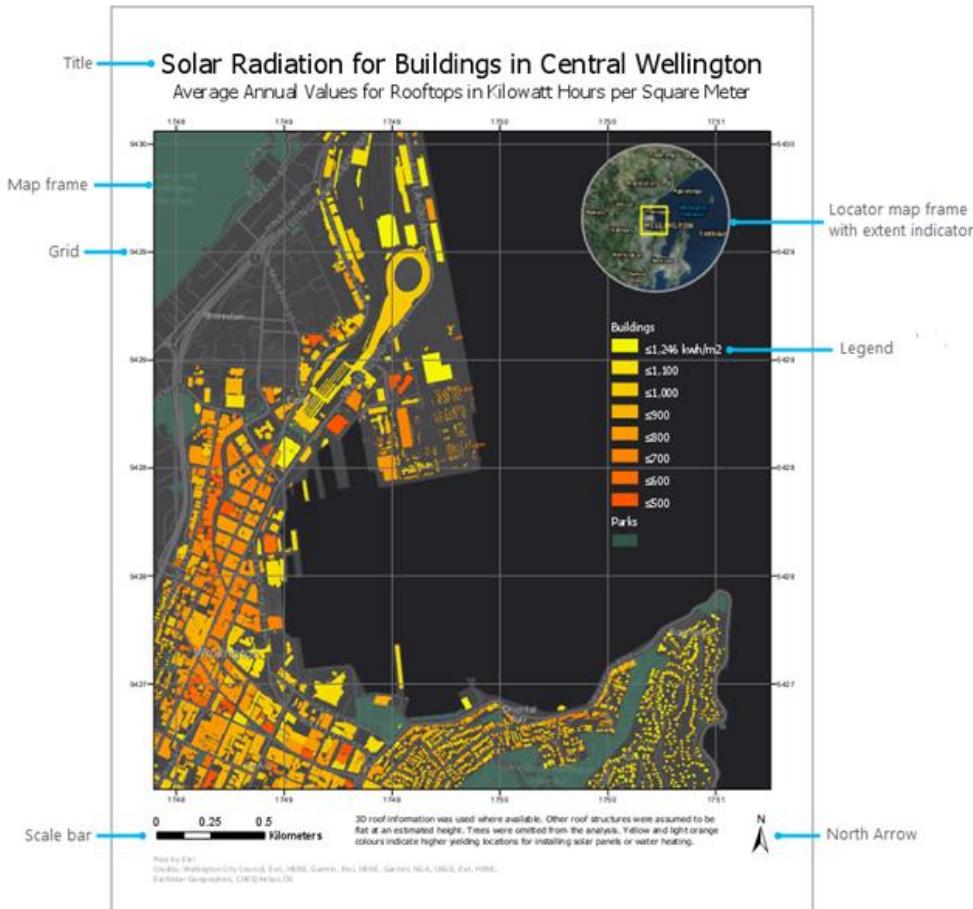
Map/Page Layout

A page layout is a collection of **map elements** organized on a virtual page designed for map printing.



Map Elements

- Common map elements include one or more **map frames**, a **scale bar**, a **north arrow**, a **map title**, descriptive text, and a **legend**.
- For geographic reference, you can add grids or graticules.



Map Frame

- Maps are added to layouts using map frames, which can point to any map or scene in the project, or to no map at all.
- Once a map frame has been created, the map it points to can be updated at any time.
- **Extent indicators** and **grids** can be added to the map frame, providing additional information to the layout.

Map Elements

Mandatory

- Map Frame
- Title
- Legend
- Scale
- North Arrow

Optional

- Sub-title
- Locator/Overview/Indicator Map
- Neatline
- Grid
- Descriptive text
 - Description of the map
 - Data Source
 - Authorship, etc.
- Dynamic Text
 - Data Source
 - Date
 - Map Scale
 - etc.

Print/Export Layout

Layout can be printed with printer or plotter.

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

References

Layouts in ArcGIS Pro

<https://pro.arcgis.com/en/pro-app/latest/help/layouts/layouts-in-arcgis-pro.htm>

Make a Layout - ArcGIS Pro Tutorial

<https://pro.arcgis.com/en/pro-app/latest/get-started/add-maps-to-a-layout.htm>

Exercise

Exercise

Create a Layout with the following elements

- Map Frame
- Title
- Scale Bar
- North arrow
- Legend
- Overview Map

Preview for Season 20

Page Layouts and Sharing: Sharing with ArcGIS Pro

Course Wrap-up