ArcGIS Pro: An Introduction
Mike Flanagan and Robert LeClair
ArcGIS Desktop

ArcMap
ArcCatalog
ArcScene
ArcGlobe

ArcGIS Pro

Desktop
Web
Device

portal

Server
Online Content and Services

Apps
Access
Services
ArcGIS Pro

- 64 Bit, multi-threaded
- Simplified user interface
- Integrated with an ArcGIS portal
- Combined 2D/3D experience
- Multiple maps and layouts
- All the analysis environments
- Simple search and query
The user interface is new

- Contextual
- Intuitive
- Project-based
- Uses views
- Integrated
Fusion of applications

ArcMap / ArcCatalog

ArcGlobe / ArcScene

CityEngine
ArcGIS Pro Overview

Robert LeClair
What can I do with ArcGIS Pro?
Analysis

- Analysis ribbon
- Majority of tools from ArcMap
- Geoprocessing pane
- ModelBuilder
- ArcPy
- Network Analysis
- Geostatistical Wizard
- Image and Raster Analysis
Analysis in ArcGIS Pro

Robert LeClair
Editing

- 2D and 3D editing
- Simplified edit sessions
- Edit enterprise GDBs
- Group templates
- GDB & Map topology
- CAD-like editing experience
Editing in ArcGIS Pro

Robert LeClair
Mapping & Visualization

- Improved drawing performance and quality
- Multiple layouts
- Unified symbol model
- Transparency
- 3D cartography
- Map series
- Animation
Mapping in ArcGIS Pro

Robert LeClair
Sharing

- Web maps and 3D web scenes
- Packages
- Map & layout files
- Task files (.esriTask)
- Symbology (.stylx)
  - Download new/updated styles from ArcGIS Online
Common Questions
Can I publish services to ArcGIS Server?
Can ArcGIS Pro be virtualized?
On-premise Virtualization

- Virtualization Platform
  - VMWare
  - ESXi
  - Horizon View
  - Citrix
  - XenServer
  - XenDesktop
Cloud-based Virtualization

Microsoft Azure NV-Series VM
- Nvidia GPU
- 56 Gb Memory
- 380 Gb storage
- Demo’d at Microsoft Ignite

AWS GPU Workspace
- Nvidia GPU
- 8 vCPUs
- 15 Gb Memory
- 200 Gb storage

- Available Now
- Tested by Esri Performance Engineering – Great UX
Can I customize ArcGIS Pro?
ArcGIS Pro

- Use
- Configure
- Automate
- Extend

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<table>
<thead>
<tr>
<th>Element</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>The Quick Access Toolbar has commonly used commands. It can be customized.</td>
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<tr>
<td>2</td>
<td>The Explore tool is used to navigate maps and identify features through pop-ups.</td>
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<tr>
<td>3</td>
<td>Ribbon tabs, such as the Analysis tab, organize functionality. When a tab is selected, its associated tools display on the ribbon.</td>
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<td>4</td>
<td>Dialog box launchers open panes or dialog boxes with more functionality.</td>
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<td>5</td>
<td>Groups organize functionality on a tab.</td>
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<tr>
<td>6</td>
<td>Contextual tabs appear under specific conditions. Contextual tabs are highlighted in orange or green.</td>
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<tr>
<td>7</td>
<td>Buttons and tools execute software actions.</td>
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Is ArcGIS Pro a replacement for ArcMap?
What’s new at 2.2?
ArcGIS Pro 2.2

- Edit 3D Scene Layers
- Go To XY tool
- Select Visible Features
- Pause Drawing
- Map Tips
- Outline 3D Objects
- Annotate Selected Features
- Vary Symbology by Attribute
- Vector Tile Pop-ups
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<table>
<thead>
<tr>
<th>WORKSHOP</th>
<th>LOCATION</th>
<th>TIME FRAME</th>
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<tbody>
<tr>
<td>ArcGIS Pro: Migrating from ArcMap</td>
<td>Room 10</td>
<td>Tuesday, 7/10 from 8:30-9:30</td>
</tr>
<tr>
<td>ArcGIS Pro SDK: An Introduction to Add-Ins and Configurations</td>
<td>Demo Theater 07</td>
<td>Wednesday, 7/11 from 11:15-12:00</td>
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<tr>
<td>ArcGIS Pro: An Introduction</td>
<td>Room 01 A/B</td>
<td>Thursday, 7/12 from 1:00 – 2:00</td>
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<tr>
<td>Hands-on Learning Lab</td>
<td>Hall B1</td>
<td>Ongoing, self-paced lessons</td>
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Questions?