



Advanced ArcGIS Workflow Manager Training Course

18 – 22 April 2027
Cairo (Egypt)



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Introduction:

ArcGIS Workflow Manager is a scalable enterprise workflow management system that automates and simplifies many performing and managing repeatable GIS and non-GIS work in an organization. In this Advanced ArcGIS Workflow Manager course, participants will explore using ArcGIS Workflow Manager to create streamlined production processes.

With the advancement of server technology, handling complex GIS workflows is becoming increasingly important. ArcGIS Workflow Manager Server provides sophistication and robustness for enterprise-level workflows. This Advanced ArcGIS Workflow Manager course will explore how it operates and the extra capabilities it brings to managing large-scale GIS workflows within server environments.

Learning to integrate and utilize the ArcGIS Pro Workflow Manager is vital in modern GIS processes. This Advanced ArcGIS Workflow Manager training will focus on the features and benefits of using ArcGIS Pro with Workflow Manager, ensuring workflows are efficient, streamlined, and up-to-date with current GIS standards and practices.

A hands-on tutorial of this Advanced ArcGIS Workflow Manager course to reinforce learning and ensure a practical understanding of the ArcGIS Workflow Manager. This tutorial will guide participants through the configuring, handling, and executing workflows, providing a strong foundation for mastering this powerful workflow management tool.

Targeted Groups:

- Managers and others who want to develop and enforce a standard.
- Repeatable GIS workflows within their organization using ArcGIS Workflow Manager.

Course Objectives:

At the end of this Advanced ArcGIS Workflow Manager course, the participants will:

- Set up the database, system tables, and security model.
- Create jobs, execute workflows, and manage job status in ArcMap or ArcGIS Pro.
- Model your business processes as ArcGIS Workflow Manager workflows.
- Publish ArcGIS Workflow Manager services and web viewers.

Targeted Competencies:

Participants competencies in this Advanced ArcGIS Workflow Manager training will:

- Automate and simplify work tasks.
- Improve data quality and accuracy.
- Enhance communication.
- Save time and resources.

Course Content:

Unit 1: Job Templates and Their Design:

- Learn about the importance of job templates in Workflow Manager.
- Understand the considerations when designing job templates.
- Explore default properties, extended properties, and job activities.
- Learn about automatic job creation and its benefits.

Unit 2: Step Types Overview:

- Get an overview of commonly used step types within Workflow Manager.
- Learn how to configure various step types for optimal performance.
- Explore how step types can enhance your workflow designs.

Unit 3: Managing Work and Processes:

- Learn how to identify and manage bottlenecks in business processes.
- Understand how to streamline work management within your organization.
- Explore how to organize assets in one centralized location.
- Learn to create custom charts and queries for shared use.

Unit 4: Designing Advanced Workflows:

- Discover key considerations when designing advanced workflows.
- Learn about the use of parallel steps and output values.
- Explore the application of ArcGIS Arcade for advanced customization.
- Understand step scheduling and error-handling strategies.

Unit 5: Deployment and Best Practices:

- Learn the best practices for deploying ArcGIS Workflow Manager.
- Understand the steps for successful implementation in your organization.
- Explore tips and strategies for maintaining and optimizing your deployment.
- Gain insights into troubleshooting and ensuring long-term success.