2023

Esri Training Course Catalog

Discover the latest instructor-led courses and training solutions for organizations using ArcGIS software.

esri | THE SCIENCE OF WHERE

Contents

Connect with Esri Training

Web: esri.com/training

Email: GIStraining@esri.com

Phone: 800-447-9778, ext,1-5757

Esri Community: go.esri.com/
training-community

Twitter: @EsriTraining

International Training

Esri training is offered worldwide
through our distributor network.
Outside the United States, contact
your local Esri distributor for course
offerings and class schedules. Find
the Esri distributor near you a
esri.com/distributors.

Dear Colleague:

Today's ArcGIS® software allows organizations to
leverage geographic information system (GIS)
technology at scale—with rich content and advanced
tools for mapping and analytics that help professionals,
like yourself, solve problems holistically.

Esri instructor-led training provides the foundation
you need to learn how to build a strong geospatial
infrastructure and fully leverage your GIS investment.
Staying current with the latest technology will help you
solve the challenges facing your organization and our
world by applying a data-driven, geographic approach
to increase understanding, collaboration, and actionable
insights.

I encourage you to review Esri's learning opportunities
and register for a course today.

Warm regards,

Jack Dangermond

About Esri Training Options

Developed and delivered by in-house experts, Esri's instructor-led and self-paced training options support GIS practitioners, non-GIS professionals, and anyone who uses ArcGIS software to support their daily workflows, enhance projects with geographic context, and create information that leads to better decision-making.

Self-Paced E-Learning

Esri's large collection of self-paced e-Learning resources supports those who need immediate, just-in-time training as well as ongoing skills development. Hundreds of web courses, training seminars, videos, tutorials, and learning plans that cover GIS concepts and ArcGIS topics are available on demand at Esri Academy (esri.com/training).

Additionally, no-cost massive open online courses (MOOCs) offer a supported self-paced environment to learn popular technology topics over four to six weeks. View course details and the MOOC schedule at esri.com/mooc.

Unlimited access means unlimited learning potential.

Organizations that have a qualifying Esri product with a current maintenance subscription enjoy complimentary unlimited access to all self-paced e-Learning at Esri Academy. To access unlimited e-Learning, learners simply sign in to Esri Academy using their ArcGIS Online organizational account or their public ArcGIS account that is connected to your organization in My Esri. For details on enabling unlimited e-Learning access, visit the Esri Academy Unlimited E-Learning page.

"Working at my own pace was very useful. Having chances to go **above and beyond** the 'normal' course with the stretch goals was a nice touch."

—**Aaron M**., Cartography. MOOC

About **Esri Training Options** (continued)

Instructor-Led Training

Instructor-led courses are taught in person and online in real time. All classes incorporate proven adult-learning principles to ensure that learners acquire relevant and directly applicable knowledge and skills.

The course format includes the following:

- Interactive discussions with learners contributing real-world experiences
- Demonstrations and hands-on software exercises
- Activities and problem-solving scenarios that encourage peer-to-peer learning

In Esri's instructor-led online classroom, learners interact with one another and the instructor using virtual breakout rooms, whiteboards, chats, and polls. Instructors can shadow learners' computers to monitor progress during exercises.

Expert instructors focus on learner success.

All Esri instructors have achieved one or more Esri technical certifications and CompTIA CTT+ certification. CompTIA CTT+ is an international certification that covers core instructor skills, including preparation, presentation, communication, facilitation, and evaluation, in both traditional and online classrooms.

Esri instructors are experts in the technology they teach and have the flexibility to adapt how they present course material based on the audience composition, skill level, and professional interests of each class.

Instructor-Led Pricing and Payment Options

Public instructor-led training classes held at an Esri facility are US$895 per day per student. Private training events accommodate up to 15 students who are registered and paid for at one time. Pricing for private training events is based on location.

- Private training events held in the Esri online classroom are US$8,890.
- Private training events held in person at an Esri facility are US$9,845.
- Private training events held at a customer site are US$10,920.

Employees of the US federal government are entitled to GSA pricing.

Discounts are available for the following:

- Faculty and staff of a recognized academic institution, library, or museum
- Authorized Esri partners
- Esri Nonprofit Organization Program members

Pricing is subject to change at any time.

Payment Options

- MasterCard, Visa, American Express, and Discover
- Purchase order or government requisition
- Check, money order, or wire transfer
- Prepaid training such as Esri Training Pass, Advantage Program, and Packaged EA Programs for Government

For policies regarding payment options, review the Esri Training Terms and Conditions at esri.com/trainingterms.

Instructor-Led Registration Information

Select Your Course

Go to esri.com/coursecatalog to view schedules for instructor-led courses taught in Esri training centers and online. For more information on course availability or for course recommendations, please contact an Esri training consultant at GIStraining@esri.com or 1-800-447-9778, extension 1-5757.

Register

A registration application is required for each student. We recommend that you register at least one month prior to the class, since applications are processed on a first come, first served basis.

- Esri Training Website—Once you've selected your course, click Register and complete the online registration form. You will be asked to submit payment information through our secure online system.
- By Fax or Mail—Download and complete a registration application, which you can fax or mail to Esri. Directions are on the form.

Online registrations will be acknowledged within two business days. Phone, mail, and fax registration applications will be acknowledged via email. Registrations will not be confirmed until payment is received. Classes will be confirmed a minimum of 10 business days prior to the scheduled start date. Please keep this in mind when purchasing nonrefundable airline tickets.

Payment

To complete your registration, proof of payment is required. Payment can be made by check (payable to Esri), credit card, preexisting contract, federal government training request, or purchase order. Cash is not accepted. Purchase orders for less than US$800 will be accepted only from United States federal, state, and local government agencies; United States educational institutions; and Fortune 500 companies. Mail payment and a copy of your registration form to Esri, File #54630, Los Angeles, CA 90074-4630.

Transfers and Substitutions

A student may transfer to another class up to two times without charge, after which an administrative fee will be assessed for each transfer. Student substitutions (filling a student's place with another person from the same organization) are allowed under certain conditions. Requests to cancel, transfer, or substitute a class registration must be received at least three business days in advance of the class start date. Please refer to Training Terms and Conditions found at esri.com/trainingterms.

Schedule Changes and Cancellations

It is sometimes necessary to change the dates on which a class is offered or to cancel a class. In this case, students will be notified by phone and email as soon as possible and not less than 10 days prior to the scheduled start of the class.

Travel, Lodging, and Meals

Esri is not responsible for student travel arrangements and assumes no responsibility for losses from nonrefundable travel arrangements, including, but not limited to, airfare, lodging, or transportation to and from the training site, due to schedule changes. Training location maps, including local hotels and airports, are provided to registrants. Meals are not provided by Esri. Students can access a training location map with a list of area hotels at esri.com/trainingmaps.

Course Materials

Instructor-led courses include a student workbook and exercise data. Esri provides all software and hardware that is used in class unless otherwise noted in a course description.

Training Options for Organizations

Having the right set of workforce skills in place is essential to achieve and sustain intended results from technology. Esri offers flexible solutions to help organizations leverage their most valuable asset—their people—to make a bigger impact with ArcGIS.

We can partner with your organization to

- Onboard new GIS users and continuously grow ArcGIS skills, productivity, and confidence.
- Prepare teams for new GIS deployments and projects.
- Expand the use and business benefits of ArcGIS across your organization.

For more information about any of Esri's training options for organizations, call 1-800-447-9778, extension 1-5757, or email GIStraining@esri.com.

Train your team together in a private event.

When multiple staff members will benefit from the same course, arranging a private training event is a cost-effective solution. We can send an instructor to your facility, you can hold a class at one of our facilities,* or your team members can attend the instructor-led online classroom together.

Get the most out of your group learning experience with coaching.

When you hold a private training event, you can supplement the class with one or more days of client coaching. Client coaching enhances the learning experience by providing extra instructor time to review and practice course concepts in the context of your organization's specific workflows.

Streamline skills development with the Esri Training Pass.

The Esri Training Pass makes it easy to secure the right training at the right time to support your ArcGIS software-enabled workflows and initiatives. With the Training Pass, you purchase training days in advance and redeem them as needed for classes and other training products throughout the term.

Unleash the potential of your workforce with a strategic development plan.

Aligning workforce training with your organization's mission and goals helps to gain the executive support needed to grow and sustain your GIS program. Your Esri training consultant is available to discuss the following:

- Your GIS workflows, key roles, and vision for the future
- Solutions to continually grow skills and enable teams to be productive quickly
- Curated learning resources to support ArcGIS users of all levels
- Methods to document and share the strategic business impact of your GIS program and workforce

Your training consultant will help you create an actionable plan that prepares each role to successfully apply GIS capabilities and builds your team's capacity to improve operations and deliver insight using ArcGIS

Leverage your enterprise learning infrastructure.

For organizations that prefer to manage workforce training using their own enterprise learning management system (LMS), Esri Academy LMS Integration is an ideal solution. With this subscription-based product, your learners enjoy seamless access to Esri web courses, training seminars, and videos from within your organization's LMS, and managers track learner progress and accomplishments just as they do for other professional development and training courses.

Training Options for Organizations (continued)

Craft a strategy to meet or exceed your ArcGIS adoption goals.

Organizations that are deploying new technology achieve better results when they consider the impact to their workforce, solicit the perspective of impacted staff and their managers, and address everyone's information and training needs.

Esri's people-focused adoption strategy solutions help organizations proactively

- Ensure that sponsors are in place and understand their critical role in successful adoption.
- Cultivate a network of change influencers and champions at all levels.
- Engage everyone with a robust communications stream that addresses the information needs of each group of users with powerful messaging that answers their questions and creates excitement about the improvements enabled by new technology.

Esri adoption strategy consultants are Prosci® certified and have extensive experience working on ArcGIS implementation projects. The result is a wealth of understanding about the specific people challenges that organizations may face when modernizing and expanding their geospatial capabilities and the most effective strategic and tactical activities to increase the pace of ArcGIS adoption.

To view adoption strategy examples and resources, visit go.esri.com/adoption.

"Change management is [not only] a solid framework, but it also gives us flexibility to innovate and address unique situations in our GIS environment. It's exactly in tune with what a successful GIS ecosystem should be: flexible and innovative."

—**Anika-Aduesa I. Smart**, Los Angeles County Metropolitan Transportation Authority

Esri Technical Certification

The Esri Technical Certification Program validates knowledge and skills applying GIS concepts, ArcGIS Pro, ArcGIS Online, ArcGIS Enterprise, and focused technology products related to ArcGIS.

For first-time job seekers, established professionals, and those forging a new path after years in the workforce, the process to achieve an Esri technical certification hones time management, analytic, and problem-solving skills. Together with proven technical expertise, these skills build credibility with decision-makers and hiring managers.

For organizations that rely on Esri technology, certification simplifies the hiring process by helping hiring managers quickly identify qualified candidates for key technical positions. Supporting professional development with certification is a valuable tool to motivate and retain talented team members.

View available exams, detailed exam information, and pricing at esri.com/certification.

"As a geospatial IT consultant, certifications backed by Esri lend validity and authority to **establish initial trust** with new leads."

—**John Waterman**, CTO (Esri certified)

"After working with various clients from different industries and expertise, I believe that my Esri certifications have greatly contributed to my **confidence as a GIS professional** and have paved a more defined path to becoming a successful practitioner in the industry."

—**Janaki Gattu**, GIS Manager (Esri certified)

All Courses by Topic

ArcGIS: Exploring the Possibilities

Two days (16 hours)
Prerequisite: None

Overview

This course explores how organizations use ArcGIS to streamline operations, gain deeper insight from data, and enhance collaboration across business lines. Discover how ArcGIS capabilities work together to enable efficiencies and insight at scale, and get inspired by what's possible when location intelligence is infused throughout the enterprise.

Who Should Attend

Business and technical leaders and GIS staff

Learn How To

- Invigorate reports and communications using immersive ArcGIS stories to increase collaboration among teams, project stakeholders, and the public using ArcGIS Hub sites.
- Realize ArcGIS benefits more quickly with people-focused change management and ArcGIS Solutions configured for specific industry workflows and key information products.
- Understand how ArcGIS functions as a system of record, engagement, and insight that supports critical workflows and business needs.
- Enable impactful insight and information-sharing through an ArcGIS portal that enables easy access to geographic data, ready-to-use content, and web maps and apps.

"[The] class was well-paced. It allowed enough time between sections/exercises so that no one had to hurry to get through the material—there was [ample] time to **brainstorm** about how the material could be **applied to the attendee's work** environment/needs."

—**Monica Childers**, ArcGIS: Exploring the Possibilities

ArcGIS Online: Essential Workflows

One day (8 hours)
Prerequisite: None

Overview

This course introduces web maps, apps, and other authoritative content that may be available through your ArcGIS Online organizational site. You will learn how to discover, use, create, and share content that infuses projects with geographic context, additional business intelligence, and visual impact. Course concepts also apply to ArcGIS Enterprise portals.

Who Should Attend

Knowledge workers, managers, and other professionals who have access to an ArcGIS Online organizational site

Learn How To

- Find content on an ArcGIS Online organizational site that meets your project needs.
- Create and style a web map.
- Style and configure a web app.
- Use web maps in Microsoft Office applications.
- Share maps and other content on your ArcGIS Online organizational site.

"The course was **very relevant** to my daily work tasks."

—**Marissa Winship**, ArcGIS Online: Essential Workflows

Introduction to GIS Using ArcGIS

Two days (16 hours)
Prerequisite: None

Overview

Learn fundamental concepts that underlie GIS technology and geographic data. In this course, you will work with GIS maps in ArcGIS Online and ArcGIS Pro to explore real-world features; analyze data to answer questions and create new information; and share maps, data, and other resources throughout your organization.

Who Should Attend

Individuals with limited or no previous GIS or ArcGIS experience

Learn How To

- Identify data to support a mapping project.
- Create a map, add data to it, and symbolize map features to support the map's purpose.
- Share data, maps, and other content to an organizational portal.
- Analyze map features within an area of interest.

ArcGIS Pro: Essential Workflows

Three days (24 hours)
Prerequisite: Introduction to GIS Using ArcGIS

Overview

Extend your foundational GIS knowledge, get comfortable with ArcGIS Pro, and explore some of the most common GIS workflows. This course introduces techniques and general best practices to map, manage, analyze, and share data and other GIS resources. Hands-on exercises provide the experience needed to efficiently work with ArcGIS Pro.

Who Should Attend

GIS staff and individuals with introductory-level knowledge of GIS concepts and limited ArcGIS experience

Learn How To

- Organize, create, and edit geographic data to keep it accurate and up to date.
- Manage, symbolize, and label map layers.
- Analyze and model GIS data to solve spatial problems.
- Share maps and analysis results.

Migrating from ArcMap to ArcGIS Pro

Two days (16 hours)
Prerequisite: This course assumes significant ArcMap experience. If you have no previous ArcMap experience, take ArcGIS Pro: Essential Workflows instead of this course

Overview

With faster tools and integrated 2D and 3D capabilities, ArcGIS Pro will streamline your GIS projects. This course prepares experienced ArcMap users to be productive right away. Learn essential ArcGIS Pro terminology and concepts and how to efficiently complete a variety of tasks related to mapping, editing, analyzing, and sharing geospatial data and resources.

Who Should Attend

Experienced ArcMap users who need to start working with ArcGIS Pro

Learn How To

- Create an ArcGIS Pro project and import map documents and 3D scenes.
- Create and modify map symbology and layouts.
- Import a geoprocessing model and identify potential migration issues.
- Share geospatial resources to an ArcGIS Online organizational site or on-premises ArcGIS portal.

"Top-notch, smooth class setup. It was incredibly helpful to use **real-world problems** from the variety of GIS professionals who attended."

—**Josh McCarty**, Migrating from ArcMap to ArcGIS Pro

"I really enjoyed the exercises that were present in this class. Each of the topics covered **workflows** I complete in ArcMap daily. I have a very good understanding of the **functionality** of ArcGIS Pro from taking this class."

—**Sarah Beth Donaldson**, Migrating from ArcMap to ArcGIS Pro

"Everything was great. Great exercises and instructor demos, **good coverage** of the software. I really enjoyed this class and now I am **more confident** using [ArcGIS] Pro!"

—**Brad Findlay**, Migrating from ArcMap to ArcGIS Pro
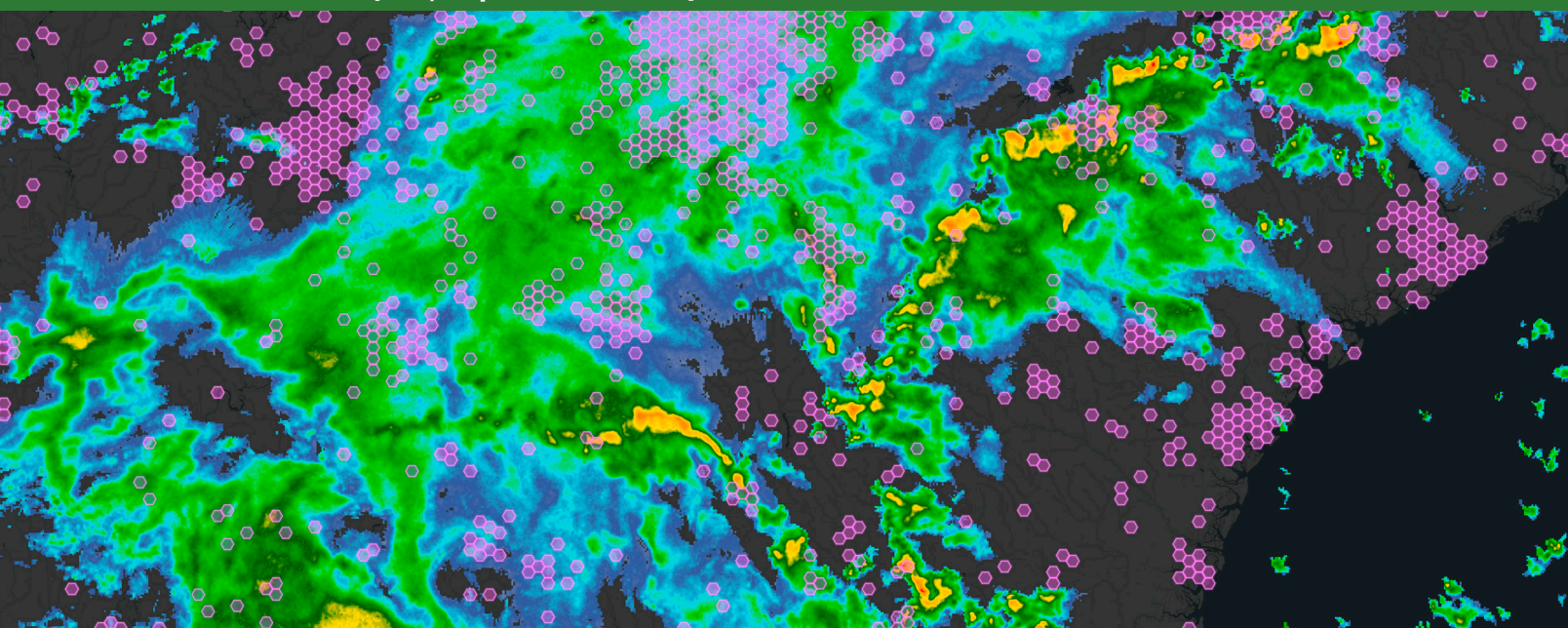
ArcGIS Enterprise: Administration Workflows

Three days (24 hours)
Prerequisite: ArcGIS Enterprise: Configuring a Base Deployment

Overview

Master techniques to configure and maintain an ArcGIS Enterprise solution that meets your organization's business needs. You will learn about ArcGIS Enterprise architecture, server licensing roles and extensions, and the capabilities that support common GIS patterns of use. Best practices to manage servers, data, and services while ensuring system performance over time are covered.

Who Should Attend

IT and GIS administrators, GIS technical leads, and others who manage an ArcGIS Enterprise

Learn How To

- Apply best practices to configure GIS resources and services.
- Maintain system performance using workload separation and other best practices.
- Configure distributed collaboration between multiple ArcGIS Enterprise portals.
- Use ArcGIS Notebooks and ArcGIS API for Python to automate common administrative functions.

ArcGIS Enterprise: Configuring a Base Deployment

Two days (16 hours)
Prerequisite: None

Overview

Learn administration essentials to install and configure an ArcGIS Enterprise base deployment that enables individuals to securely access, create, and share geospatial resources. You will learn how to license and install the four software components of a base deployment and ensure system security and performance.

Who Should Attend

IT and GIS administrators, GIS technical leads, and others who manage an ArcGIS Enterprise deployment

Learn How To

- Install ArcGIS Server, Portal for ArcGIS, ArcGIS Data Store, and ArcGIS Web Adaptor.
- Configure an ArcGIS Enterprise portal to manage users, groups, and content-sharing privileges.
- Apply HTTPS certificates to support encrypted communication.
- Configure a suitable authentication method for your organization's needs.

Sharing Content to ArcGIS Enterprise

Two days (16 hours)
Prerequisite: ArcGIS Pro: Essential Workflows or Migrating from ArcMap to ArcGIS Pro

Overview

Web maps, apps, and other authoritative GIS resources are the lifeblood of an ArcGIS Enterprise portal website. This course covers key workflows and best practices to add resources to your portal and make them easily accessible. Get the information you need to efficiently share a variety of resources that support operational workflows, collaboration within and across business lines, and the ability of portal users to infuse their projects with location-based insight.

Who Should Attend

GIS professionals who need to share their authoritative content, developers who want to incorporate ArcGIS services into custom apps, and administrators who need to understand the process for publishing ArcGIS services

Learn How To

- Understand the role that ArcGIS Enterprise components play in managing and sharing GIS resources.

- Manage access to shared resources and create descriptive information so that portal users can easily discover resources and assess their usefulness for their projects.

- Publish maps, feature layers, vector tile layers, and other GIS resources to an ArcGIS Enterprise portal.

- Apply expert techniques to optimize maps and layers before publishing to ensure high performance and an excellent user experience.

"I loved the exercises! They were great to put the knowledge into practice and further expand the learning experience."

—**Shannon Veraldi**, Sharing Content to ArcGIS Enterprise
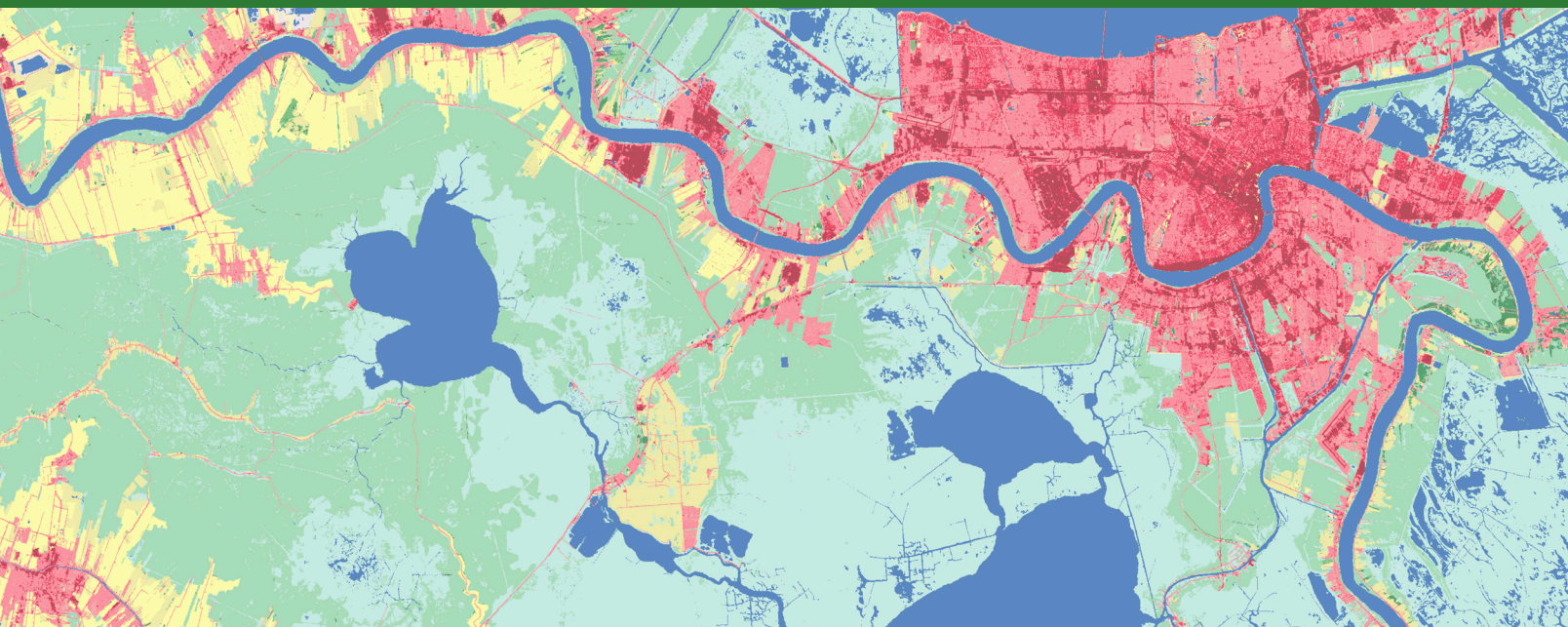
Mapping and Visualizing Data in ArcGIS

Two days (16 hours)
Prerequisite: ArcGIS Pro: Essential Workflows or Migrating from ArcMap to ArcGIS Pro

Overview

Learn cartographic techniques and ArcGIS Pro and ArcGIS Online workflows to create and share a variety of professional-quality information products including print maps, web maps, 3D scenes, animations, and charts.

Who Should Attend

Cartographers and GIS analysts, specialists, mapping technicians, and others who need to produce maps using ArcGIS software

Learn How To

- Prepare data for a mapping project.
- Apply symbology and labeling techniques to enhance data visualization on maps and charts.
- Design print map layouts that are appropriate for your data, audience, and map purpose.
- Design web maps for use in web-based information products.
- Create and share 3D scenes and animations that enable dynamic visualization of data and change over time.

Creating Stories with ArcGIS

Two days (16 hours)
Prerequisite: Familiarity with ArcGIS Online and web maps is recommended but not required.

Overview

ArcGIS StoryMaps stories have achieved mass appeal as a medium to inform the public, engage project stakeholders, and inspire an audience. This course—for anyone who wants to craft interactive stories that are easy to share—teaches the concepts, best practices, and decisions that need to be made when creating and sharing a story using ArcGIS StoryMaps.

Who Should Attend

GIS professionals and other individuals who want to share their work and disseminate information using ArcGIS StoryMaps

Learn How To

- Design a story based on your purpose and audience.
- Add web maps, images, multimedia, and text to create a compelling story.
- Apply a theme to customize and enhance a story's visual appeal.
- Publish and share a story with the public or members of your ArcGIS organization.
- Organize your stories using an ArcGIS StoryMaps collection.
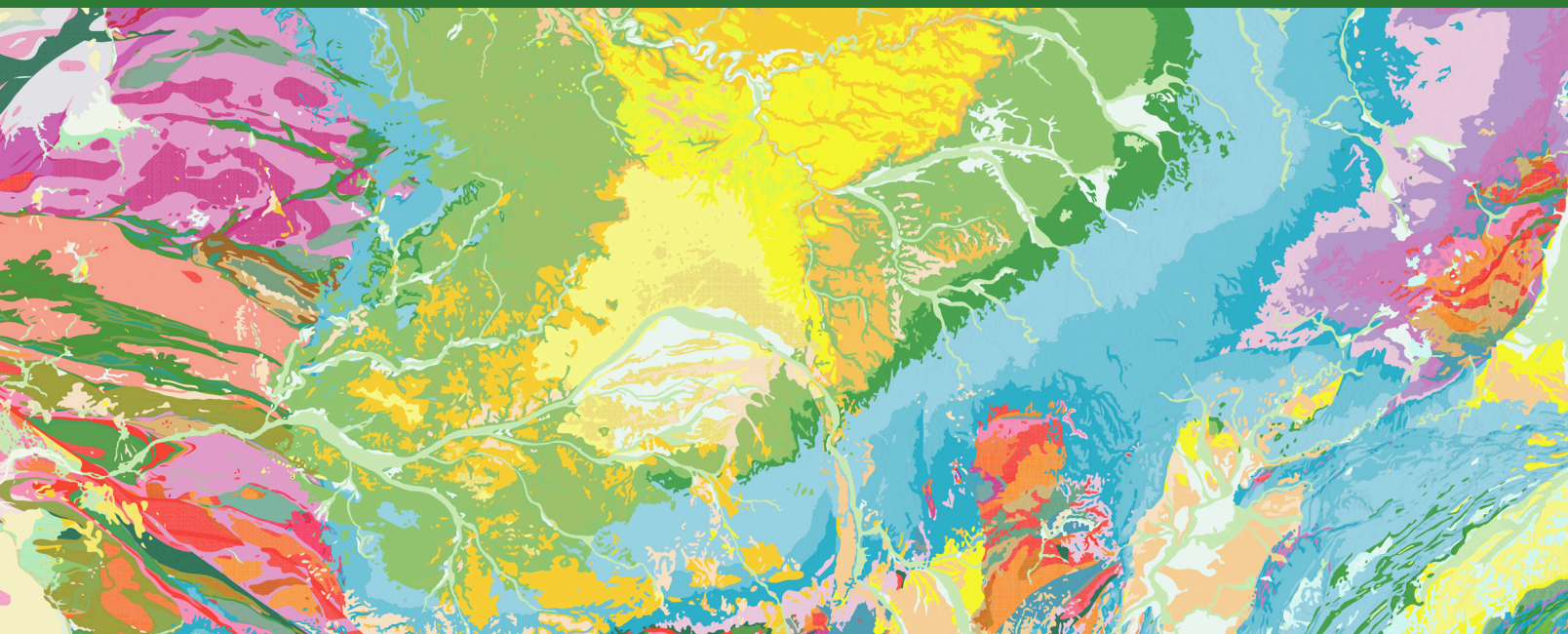
Introduction to ArcGIS Maritime

Three days (24 hours)
Prerequisite: Yes, see website for details.

This course is typically offered as a private training event.

Overview

ArcGIS Maritime is a data management and cartographic production application that combines cartographic editing tools, database models, nautical symbols and styles, data editing tools, validation rules, and workflow management components to enable a streamlined data editing and chart production environment for nautical users. In this course, you will learn how to use ArcGIS Maritime to produce and maintain standards-compliant S-57 Electronic Navigational Charts (ENCs).

Who Should Attend

Individuals familiar with nautical standards who will be involved in creating and maintaining S-57-based ENCs from a database

Learn How To

- Load nautical source data.
- Edit and attribute S-57 feature objects.
- Correct data with validation checks.
- Create, maintain, export, and publish an ENC product.

Cartography with ArcGIS Maritime

Three days (24 hours)
Prerequisite: Yes, see website for details.

This course is typically offered as a private training event.

Overview

ArcGIS Maritime is a data management and cartographic production application that combines cartographic editing tools, database models, nautical symbols and styles, S-57 data editing tools, validation rules, and workflow management components to enable a streamlined data editing and chart production environment for nautical users. This course teaches how to create, cartographically finish, and maintain a nautical paper chart product from start to finish.

Who Should Attend

Individuals familiar with nautical charts who will be involved in producing and maintaining nautical paper charts using ArcGIS Maritime

Learn How To

- Create cartographic features and apply symbology.
- Manage page layout, surround elements, and marginalia.
- Create a ZOC diagram and chartlet (chart update).
- Maintain paper chart products.

Location Analytics Using ArcGIS Insights

Two days (16 hours)
Prerequisite: Familiarity with GIS concepts may be helpful. Introduction to GIS Using ArcGIS is recommended but not required.

Overview

Build skills to quickly identify data patterns and relationships using drag-and-drop functionality, powerful analysis tools, and interactive maps, charts, and tables. This course provides a solid grounding in ArcGIS Insights capabilities and components. Learn how to structure an analysis and dynamically visualize and analyze nonspatial and spatial data together, then share your work using attractive visual themes and repeatable analysis workflow models. Course concepts apply to all ArcGIS Insights deployment options. Attendees will use Insights desktop in course exercises.

Who Should Attend

GIS professionals, analysts, researchers, and others who want to dynamically visualize and analyze data

Learn How To

- Start an analysis project in minutes by creating an Insights workbook; connecting to data sources, including spreadsheets and relational databases; location-enabling tabular data, and visualizing data relationships on interactive maps and charts.
- Expand an analysis by enriching a dataset with Esri demographics, adding layers from ArcGIS Living Atlas of the World, creating tables, time series graphs, data clocks, a link analysis, and more.
- Enhance and streamline an analysis by enabling the Insights scripting environment and using a Python script to create charts, scatter plots, and histograms.
- Share your Insights project work with stakeholders, and create step-by-step analysis models that enable others to repeat or adapt the workflows you used.

"Very thorough materials that were **easy to follow**."

—**Kimberly Johnson**, Location Analytics Using ArcGIS Insights

Preparing Data for GIS Applications

Two days (16 hours)
Prerequisite: ArcGIS Pro: Essential Workflows or Migrating from ArcMap to ArcGIS Pro
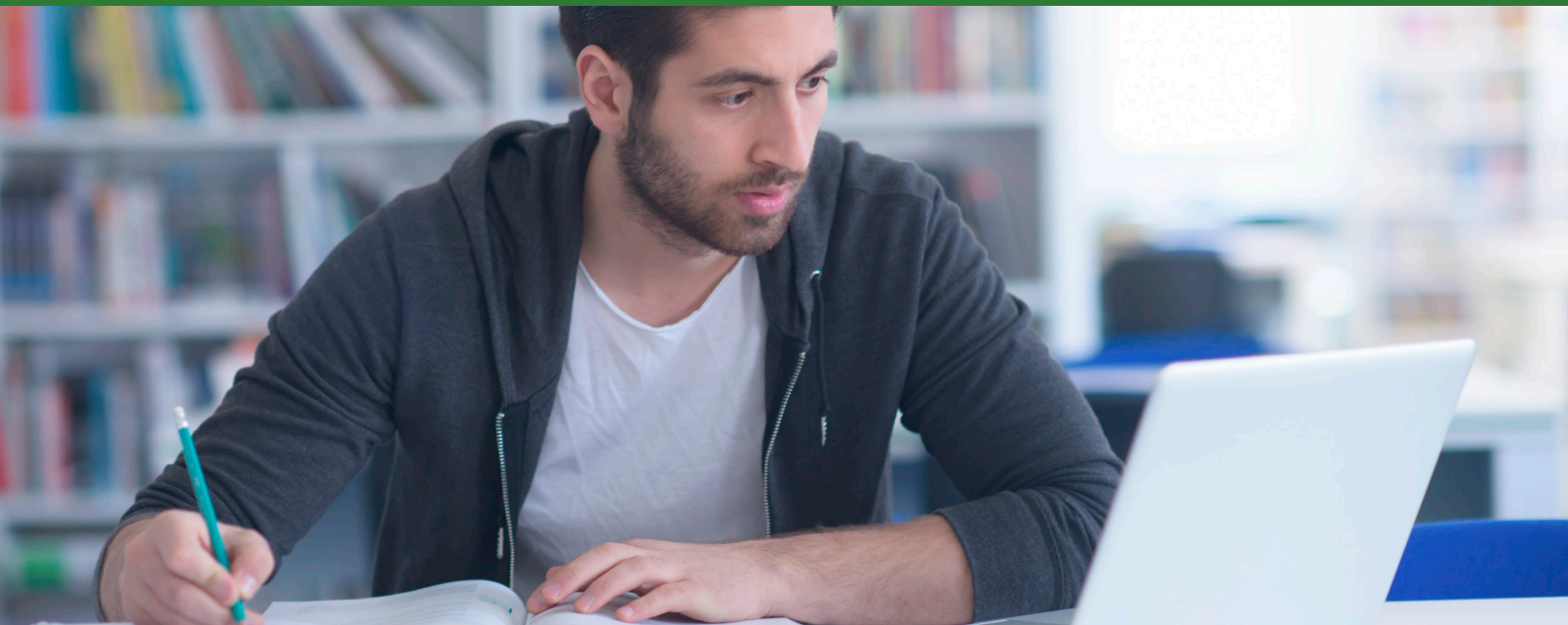
Overview

When beginning a GIS project, a common challenge is assembling the data needed to answer the question or produce the desired output. The datasets you need may be available but at different accuracy levels, or include the required geographic features but lack a key attribute. Many other issues may make data unusable as-is. This course explores data-preparation techniques that are relevant for a variety of GIS applications. Discover authoritative data resources and gain essential skills to assess data quality, address data inconsistencies, and deliver valid results from your GIS projects.

Who Should Attend

GIS professionals and other individuals who need to create and share accurate data and analysis results using ArcGIS Pro

Learn How To

- Identify the data requirements for a given project and potential sources for data acquisition.
- Assess a dataset's spatial, temporal, and temporal accuracy; logical consistency; and completeness to determine whether it meets a project's data quality standards.
- Apply ArcGIS Pro tools and techniques to address quality issues, correct errors, and create new data that contains the spatial extent, accuracy, and attributes required for a project.
- Create metadata to document a dataset's quality so that others can easily assess its appropriateness for their projects.

Spatial Analysis with ArcGIS Pro

Three days (24 hours)
Prerequisite: ArcGIS Pro: Essential Workflows or
Migrating from ArcMap to ArcGIS Pro

Overview

Learn essential concepts and a standard workflow
you can apply to any spatial analysis project. You will
work with a variety of ArcGIS tools to explore, analyze,
and produce reliable information from data. Course
exercises use an Advanced license of ArcGIS Pro and
ArcGIS 3D Analyst, ArcGIS Spatial Analyst, and ArcGIS
Geostatistical Analyst.

Who Should Attend

GIS analysts, specialists, and others who manage or
conduct spatial analysis projects

Learn How To

- Prepare data and choose appropriate tools and
  settings for an analysis.
- Examine features and distribution patterns within
  an area of interest and identify optimal locations
  using 2D and 3D analysis tools.
- Quantify spatial patterns using spatial statistics
  and analyze change over time to identify
  emerging hot spots.
- Use interpolation and regression analysis to
  explain why patterns occur and predict how
  patterns will change.

"The course covered a lot of
very common areas within
GIS, many of which I have
had a hard time learning
about in the past. It made a
lot of difficult topics easy to
understand."

—**Andrew Weis**, Spatial Analysis with ArcGIS Pro
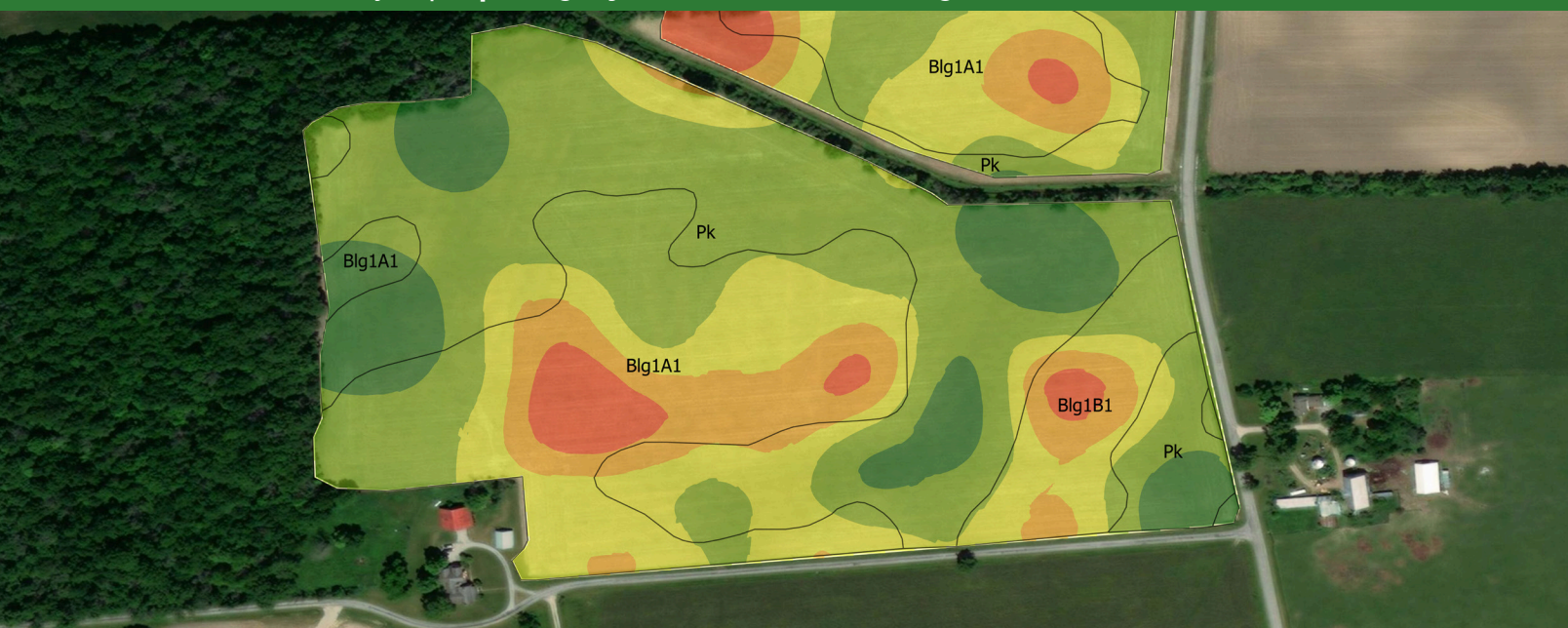
Imagery Analysis in ArcGIS Pro

Two days (16 hours)
Prerequisite: ArcGIS Pro: Essential Workflows or Migrating from ArcMap to ArcGIS Pro

Overview

This course teaches how to extract meaningful information from satellite imagery, remotely piloted vehicle, aerial vehicle-collected data, and other imagery formats. Workflows and considerations to display, process, and create derived raster products using ArcGIS Pro and ArcGIS Image Analyst are covered. You'll explore common imagery applications, including disaster recovery, damage assessment, and forest canopy assessment.

Who Should Attend

GIS professionals and imagery analysts in the private sector and civilian government agencies. Individuals in the defense and intelligence communities should take Image Analysis for Defense and Intelligence (see page 37).

Learn How To

- Apply dynamic raster functions to enhance imagery display and perform change detection.
- Perform image classification and assess the accuracy of results.
- Postprocess classified thematic rasters to support analysis needs.
- Work with derived information products including digital elevation models.

Working with Lidar Data in ArcGIS

One day (8 hours)
Prerequisite: ArcGIS Pro: Essential Workflows or Migrating from ArcMap to ArcGIS Pro

Overview

This course introduces light detection and ranging (lidar) data concepts, collection methods, quality-control considerations, and common applications. Techniques to manage, edit, visualize, and share lidar-derived 2D and 3D information products using ArcGIS Pro are covered.

Who Should Attend

GIS managers, data managers, analysts, specialists, and others who need to manage, create, analyze, and disseminate lidar data and lidar-derived information products

Learn How To

- Validate the quality and accuracy of lidar data.
- Edit lidar data to correct errors.
- Organize, process, visualize, and share lidar data using ArcGIS LAS datasets, mosaic datasets, and point cloud scene layers.
- Derive useful information products from lidar data, including raster surfaces, building footprints, and vegetation estimates.

Managing Geospatial Data in ArcGIS

Two days (16 hours)
Prerequisite: ArcGIS Pro: Essential Workflows or
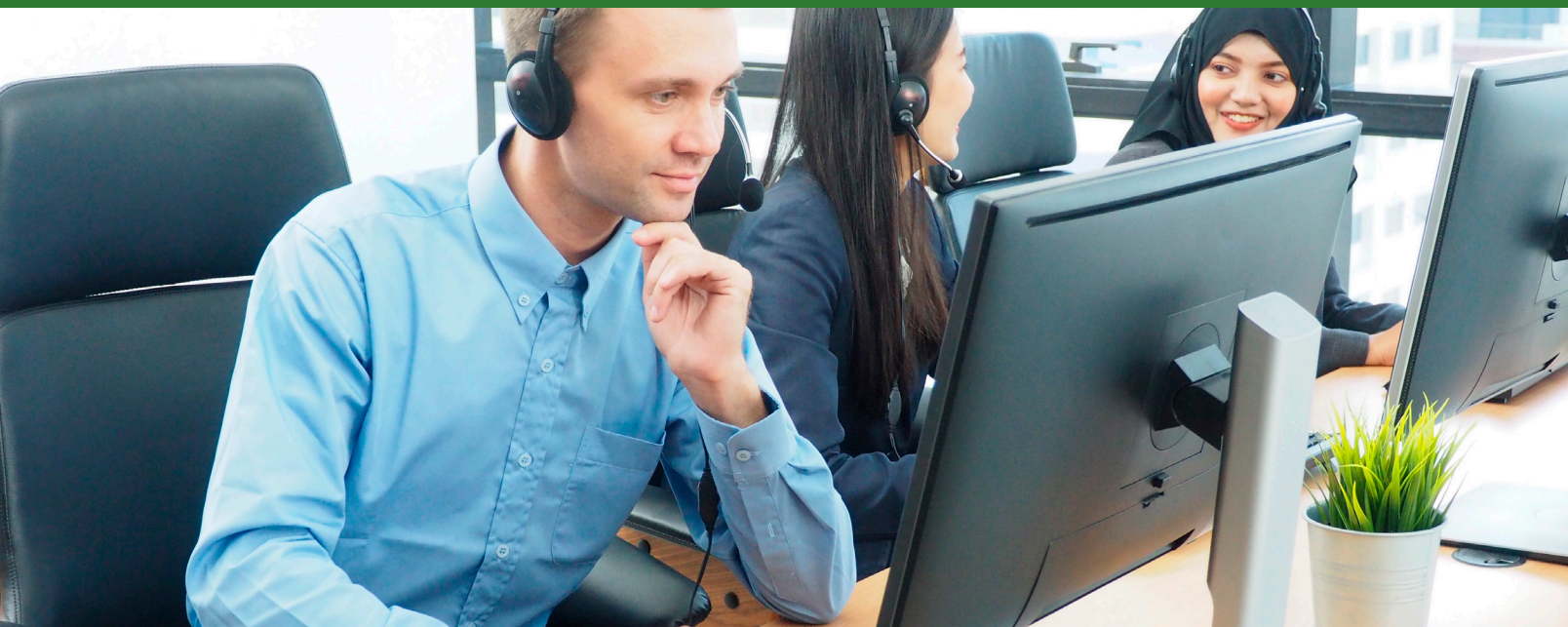Migrating from ArcMap to ArcGIS Pro

Overview

This course takes you on an in-depth exploration
of the geodatabase, the native data storage format
for ArcGIS software. Best practices to create a
geodatabase to centrally store and efficiently manage
your organization's authoritative geospatial data are
covered. You will develop skills needed to configure
unique geodatabase features that ensure data integrity
and accuracy over time and a thorough understanding
of file and enterprise geodatabase capabilities.

Who Should Attend

GIS managers, analysts, data managers, data
technicians, and others who manage geographic data

Learn How To

- Create a geodatabase, explore schema options, and
  evaluate appropriate data models.
- Add data to a geodatabase, edit feature geometry
  and attributes, and create a mosaic dataset to store
  and disseminate imagery.
- Define data rules and relationships to simplify data
  editing and ensure data integrity.
- Configure access to an enterprise geodatabase and
  create a versioned feature class to allow multiple
  concurrent editors.

"The training was very **in-depth**
and helped me **learn a lot**
about [ArcGIS Pro], which I was
not very familiar with."

—**Eliott Rutzky**, Managing Geospatial Data in ArcGIS

"The instructor made **learning**
and soaking up the course
material easy for all class
attendees."

—**Michael Lawanas**, Managing Geospatial Data in ArcGIS

Creating and Editing Data with ArcGIS Pro

Two days (16 hours)

Prerequisite: ArcGIS Pro: Essential Workflows or Migrating from ArcMap to ArcGIS Pro

Overview

This course teaches best practices to create accurate geographic data and maintain it over time. You will get ample hands-on practice with a variety of ArcGIS Pro tools that streamline the editing process and decrease the potential for errors when updating your GIS database.

Who Should Attend

GIS technicians, specialists, and other experienced ArcGIS users who create and maintain their organization's geographic data

Learn How To

- Apply a standard editing workflow to manage updates to geographic data.
- Configure ArcGIS Pro application and project settings to support efficient editing.
- Create, modify, and delete 2D and 3D features and attributes.
- Solve common data alignment issues and maintain spatial relationships among features when editing.

"I really like the examples and exercises. The book is **well written** and will be a **useful resource** in the future."

—**Rich Galtieri**, Creating and Editing Data with ArcGIS Pro

"I enjoy that course materials and the exercises give you a little glimpse into different areas of the world while maintaining the **goal of introducing** topics and encouraging the practice of tools/skills within ArcGIS Pro."

—**Marguerite Hoover**, Creating and Editing Data with ArcGIS Pro

Working with Parcel Data in ArcGIS Pro

Two days (16 hours)
Prerequisite: Creating and Editing Data with ArcGIS Pro

Overview

This course teaches how to maintain accurate, up-to-date, and authoritative parcel data using ArcGIS Parcel Fabric. You will learn a standard workflow to create a parcel fabric in a file geodatabase, add parcel data to the fabric, and edit parcels to reflect real-world changes. This course assumes familiarity with land records terminology.

Who Should Attend

GIS technicians, editors, and others who need to create and edit parcel data

Learn How To

- Configure the parcel fabric environment.
- Edit parcel geometry, measurements, attributes, and labels in a branch versioning environment.
- Track parcel history and lineage to represent land record changes over time.
- Publish a parcel fabric as a feature service to ArcGIS Enterprise so that up-to-date parcel data is available to everyone in your organization who needs it.

"It was all great and very informative. I believe I am now much better prepared for the **upcoming migration** to ArcGIS Pro."

—**Allen Adair**, Working with Parcel Data in ArcGIS Pro

"Great class. I feel much more confident about the [ArcGIS Pro] parcel fabric and can't wait to **apply** what I've learned."

—**Thomas Konzel**, Working with Parcel Data in ArcGIS Pro

Deploying and Maintaining a Multiuser Geodatabase

Two days (16 hours)

Prerequisite: Completion of ArcGIS Pro: Essential Workflows or equivalent knowledge and experience managing a relational database management system

Overview

This course prepares you to successfully create a multiuser geodatabase that stores and manages your organization's authoritative geographic data. Learn about the multiuser geodatabase architecture and apply techniques to efficiently load data, assign user privileges, and maintain performance over time. During course exercises, you may work with the relational database management system (RDBMS) product that is relevant for your organization.

Who Should Attend

Spatial database administrators and GIS data managers

Learn How To

- Create a multiuser geodatabase.
- Load and update data in a multiuser geodatabase.
- Configure user roles and permissions to provide secure data access.
- Apply best practices to optimize geodatabase performance.

Implementing Versioned Workflows in a Multiuser Geodatabase

Three days (24 hours)

Prerequisite: Completion of ArcGIS Pro: Essential Workflows and Deploying and Maintaining a Multiuser Geodatabase

Overview

Learn a sound traditional versioning workflow that minimizes disruption to editors, ensures the integrity of your organization's GIS data, and integrates well with existing business workflows. This course explores a variety of traditional versioned editing and geodatabase replication workflows.

Who Should Attend

Geodatabase administrators and GIS data managers

Learn How To

- Design a traditional versioning workflow that meets your organization's needs.
- Load data into a traditional versioned feature class.
- Manage multiple geodatabase versions.
- Create and maintain one-way, two-way, and checkout replicas.
- Monitor and maintain geodatabase performance in a traditional versioned editing environment.

Configuring Branch Versioning in ArcGIS

One day (8 hours)
Prerequisite: Yes, see website for details.

Overview

This course prepares GIS professionals and database administrators to implement branch versioning in an enterprise geodatabase using ArcGIS Pro. Learn best practices to establish branch versioning workflows that support multiuser editing and the accuracy of your authoritative geospatial data. This course is especially relevant for organizations that have deployed ArcGIS Utility Network or ArcGIS Parcel Fabric. For training on traditional versioning workflows, see Implementing Versioned Workflows in a Multiuser Geodatabase.

Who Should Attend

GIS database managers and administrators

Learn How To

- Create and edit a branch version of a feature class stored in an enterprise geodatabase.
- Configure user roles, group permissions, and privileges for branched-version editing.
- Share branch-versioned data as a service to support online and offline multiuser editing workflows.
- Implement conflict detection, track feature edits, synchronize offline edits to branch-versioned data, and compare version changes over time.

"Good, concise examples of different uses in the **branch versioning environment**. This course will help get me and my team up and running with branch versioning today!"

—**Joel Griffin**, Configuring Branch Versioning in ArcGIS

Get Started with ArcGIS Data Reviewer

One day (8 hours)
Prerequisite: Yes, see website for details.

Overview

This course teaches how to streamline data validation to quickly identify features that do not meet your organization's quality requirements. You will gain hands-on experience configuring and running automated data checks to holistically manage and track the status of errors throughout the quality control process. This course is taught using ArcGIS Desktop Advanced (ArcMap).

Who Should Attend

- GIS technicians, spatial data managers, and project managers who need to oversee or perform data quality checks using ArcGIS Data Reviewer
- Anyone working with Esri Production Mapping, Esri Defense Mapping, or a standalone license of ArcGIS Data Reviewer

Learn How To

- Define data quality requirements.
- Perform automated and semiautomated validation.
- Compile and track data quality results.
- Review and assess data quality

Introduction to ArcGIS Workflow Manager

Two days (16 hours)
Prerequisite: Introduction to GIS Using ArcGIS

Overview

Learn how to configure ArcGIS Workflow Manager—an easy-to-use, scalable enterprise workflow management system—to automate and simplify GIS and non-GIS work. This course prepares you to deploy standardized, centralized, and repeatable workflows across your organization to drive efficiencies in business processes and data production.

Who Should Attend

Managers and others who want to develop and enforce standard, repeatable GIS workflows within their organization using ArcGIS Workflow Manager

Learn How To

- 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.

Get Started with ArcGIS Dashboards

One day (8 hours)
Prerequisite: Basic familiarity with ArcGIS Online is recommended

Overview

Learn how to display multiple data visualizations on a single screen that supports dynamic data exploration, real-time operations monitoring, and informed decision-making. This course covers dashboard types, design considerations, layout options, and techniques to organize and focus dashboard elements to meet the specific information needs of your audience.

Who Should Attend

Anyone who wants to present a lot of data simply and effectively using visually engaging dashboards

Learn How To

- Add data from multiple sources to a dashboard.
- Configure dashboard elements, including maps, charts, indicators, and lists.
- Manage data display and maximize the visual impact of your dashboards.

"I became more knowledgeable on how dashboards are created and how they can be used. I look forward to **utilizing what I've learned** towards any work-related projects."

—**Alexander Mattis**, Get Started with ArcGIS Dashboards

"Excellent class with lots of **hands-on exercises**. I feel ready to try this at work in our environment."

—**Carol Placchi**, Get Started with ArcGIS Dashboards

Field Data Collection and Management Using ArcGIS

Two days (16 hours)
Prerequisite: Basic familiarity with ArcGIS Online is recommended

Overview

Learn how ArcGIS supports a complete field data management workflow—from the office to the field, in the field, and back to the office. You will learn best practices to configure and deploy ArcGIS field-productivity apps to meet your data-collection needs. You will have the opportunity to use your own iOS or Android device to complete some course exercises.

Who Should Attend

GIS and field operations managers and other GIS professionals

Learn How To

- Create and configure web maps for map-based data collection and surveys for form-based data collection.
- Quickly capture real-time field observations.
- Monitor fieldwork in progress using a dashboard.

"This was **incredibly valuable information**; I will use everything I learned in this course."

—**William O'Toole**, Field Data Collection and Management Using ArcGIS

Introduction to ArcGIS Indoors

Three days (24 hours)

Prerequisite: ArcGIS Pro: Essential Workflows or Mgrating from ArcMap to ArcGIS Pro

Overview

Learn how to create and maintain a complete system for indoor mapping and data management that lets your organization share smart building maps. Get hands-on practice with tools and workflows used to integrate CAD, BIM, and GIS data; create floor-aware data and layers to support indoor navigation; and streamline workspace planning and facilities management.

Who Should Attend

GIS professionals and others who need to map their indoor spaces and manage indoor data over time

Learn How To

- Import georeferenced CAD and BIM floor plan data into an ArcGIS Indoors geodatabase.
- Build a routable indoor network that supports wayfinding using ArcGIS Indoors apps.
- Create floor-aware maps and 3D scenes.
- Deploy ArcGIS Indoors mobile and web apps to enable individuals to easily navigate a building and reserve meeting rooms and workspaces.

Building Web Apps with ArcGIS Experience Builder

Two days (16 hours)
Prerequisite: Basic familiarity with ArcGIS Online is recommended

Overview

Learn how to build immersive web apps that take advantage of modern web design principles without writing code. This course shows how to interactively create, configure, and publish mapcentric and datacentric web apps that feature your organization's content.

Who Should Attend

GIS professionals, web designers, and others who want to create ArcGIS Experience Builder applications

Learn How To

- Design the app layout and theme based on the audience and purpose.
- Configure widgets to enable users to interact with your organization's web maps and 2D and 3D data.
- Configure widgets to provide data-driven functionality across multiple pages.
- Test, preview, and publish your apps for use on a variety of devices.

Creating Python Scripts for ArcGIS

Three days (24 hours)
Prerequisite: ArcGIS Pro: Essential Workflows or Migrating from ArcMap to ArcGIS Pro
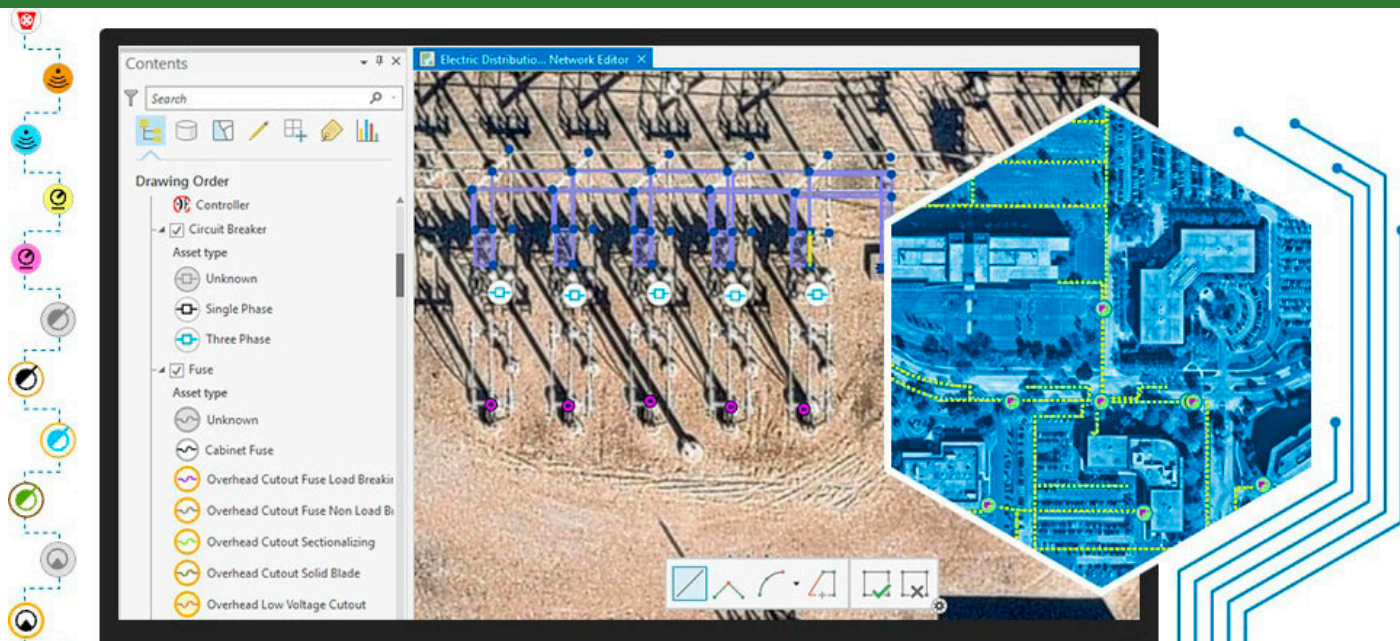
Overview

Your time is valuable. Learn how to create scripts that will streamline your GIS work. This course teaches how to access the Python environment in ArcGIS Pro, script common data management tasks, and automate geoprocessing workflows. You'll learn techniques to share your scripts so they are easily accessible both inside and outside ArcGIS Pro.

Who Should Attend

GIS analysts, specialists, data processors, and others who want to automate ArcGIS tasks and workflows

Learn How To

- Apply Python syntax rules to create robust scripts in ArcGIS Pro.
- Use lists and loops to repeat geoprocessing tasks within a script to create an efficient, repeatable analysis workflow.
- Use cursors to access geospatial data, edit attributes, and create and modify features.
- Create geoprocessing packages and custom script tools to share your Python scripts with other ArcGIS users.

Working with Utility Networks in ArcGIS

Two days (16 hours)

Prerequisite:ArcGIS Pro: Essential Workflows or Migrating from ArcMap to ArcGIS Pro

Overview

ArcGIS Utility Network provides robust tools to model, visualize, edit, and analyze complex utility networks. This course introduces the utility network model in the enterprise geodatabase. Learn about capabilities that organizations can leverage to better manage network assets, minimize network disruptions, and quickly respond to outages. Attendees can choose to complete course exercises using water, gas, or electric utility data.

Who Should Attend

GIS professionals who edit and analyze electric, gas, water, or telecommunications networks

Learn How To

- Deploy a utility network solution and add rules to accurately model connectivity and data relationships.
- Apply a standard workflow to create and edit network features and components while maintaining data integrity.
- Perform network tracing to identify the source of a disruption and impacted customers.
- Create and share a diagram to dynamically visualize the network.

"As always, course material is extremely well done. Great exercises and easy to follow along!"

—**Kent Cooper**, Working with Utility Networks in ArcGIS

Configuring Utility Networks in ArcGIS

Two days (16 hours)
Prerequisite: Working with Utility Networks in ArcGIS

Overview

This course prepares GIS administrators, technical leads, and others to deploy ArcGIS Utility Network to realistically model and manage their organization's assets and infrastructure. Learn how to define the network schema and properties and load data into a utility network. Attendees can complete course exercises using electric, gas, or water utility scenarios.

Who Should Attend

GIS administrators, technical leads, and others who need to configure and deploy ArcGIS Utility Network

Learn How To

- Build a utility network using geoprocessing tools.
- Choose a method to migrate existing features into a utility network.
- Configure customizations to enhance network diagrams and tracing and editing workflows.
- Manage utility network schema changes and release updates over time.

"I really like, no LOVE, that the industries are broken out and I did not have to learn this while using water or electric data! It is so much clearer when you use data and industry terminology that you know already."

—**Becky Shumate**, Configuring Utility Networks in ArcGIS
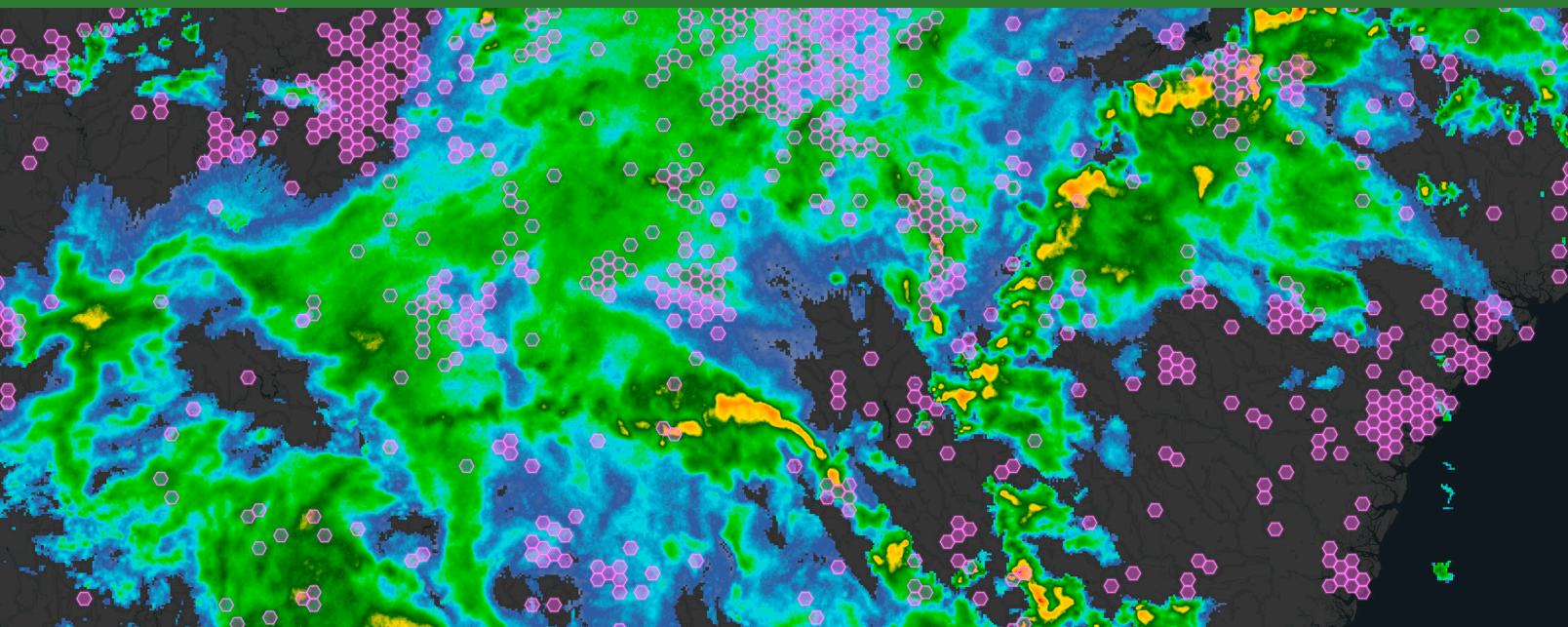
Introduction to Geospatial Concepts for Intelligence

Two days (16 hours)

Prerequisite: Experience working on a desktop personal computer and with Microsoft Office applications and a basic familiarity with ArcGIS Pro

Overview

Learn foundational geospatial concepts that support the intelligence cycle. In the context of real-world scenarios, you will get hands-on practice applying ArcGIS Pro tools and workflows to prepare, visualize, analyze, and disseminate data that supports intelligence operations.

Who Should Attend

Professionals in the military, intelligence, and national security communities who have minimal or no geospatial experience

Learn How To

- Identify and prepare geospatial data and other content for visualization and analysis.
- Organize, create, and manage geospatial data stored in a geodatabase.
- Display geospatial data and imagery on a map.
- Create and disseminate information products to support mission planning and intelligence operations.

Using ArcGIS for Geospatial Intelligence Analysis

Two days (16 hours)

Prerequisite: Introduction to Geospatial Concepts for Intelligence

Overview

This course teaches geospatial concepts and recommended workflows that support the production of timely, accurate, and actionable intelligence. Using relevant scenarios and operational problems, you will learn how to manage, analyze, and visualize geospatial data, then share your work by producing mission-specific products aligned with industry best practices.

Who Should Attend

Professionals in the military, intelligence, and national security communities who specialize in intelligence planning, geospatial intelligence, all-source intelligence, imagery exploitation, or intelligence production

Learn How To

- Evaluate and prepare geospatial data to support intelligence planning and analysis activities.
- Analyze potential threats to identify patterns, hot spots, and clusters.
- Apply ArcGIS Pro geoprocessing tools and ArcGIS LocateXT to support production workflows, analysis, visualization, and information dissemination.
- Create and share operational map products that include military symbology.

ArcGIS Enterprise: Analysis Workflows for Intelligence

Two days (16 hours)
Prerequisite: Yes, see website for details.

Overview

This course introduces mapping and analysis capabilities available through your organization's ArcGIS Enterprise portal. Learn workflows to leverage ArcGIS Enterprise capabilities and apps to make web maps, analyze data, and create useful information products to share with decision-makers.

Who Should Attend

Analysts in the defense, intelligence, and public safety communities

Learn How To

- Understand the types of content that can be shared to an ArcGIS Enterprise portal and how to find content that supports your needs.
- Create a web map, add layers to it, and analyze data.
- Configure a web app to share analysis results.
- Create dashboards, immersive digital stories, and rich web experiences to support real-time monitoring of operations and decision-making.

"Great course materials; the workbook and instructor did a great job of introducing the ArcGIS software to me, as well as [they] showed the great possibilities ArcGIS can provide for the intel community."

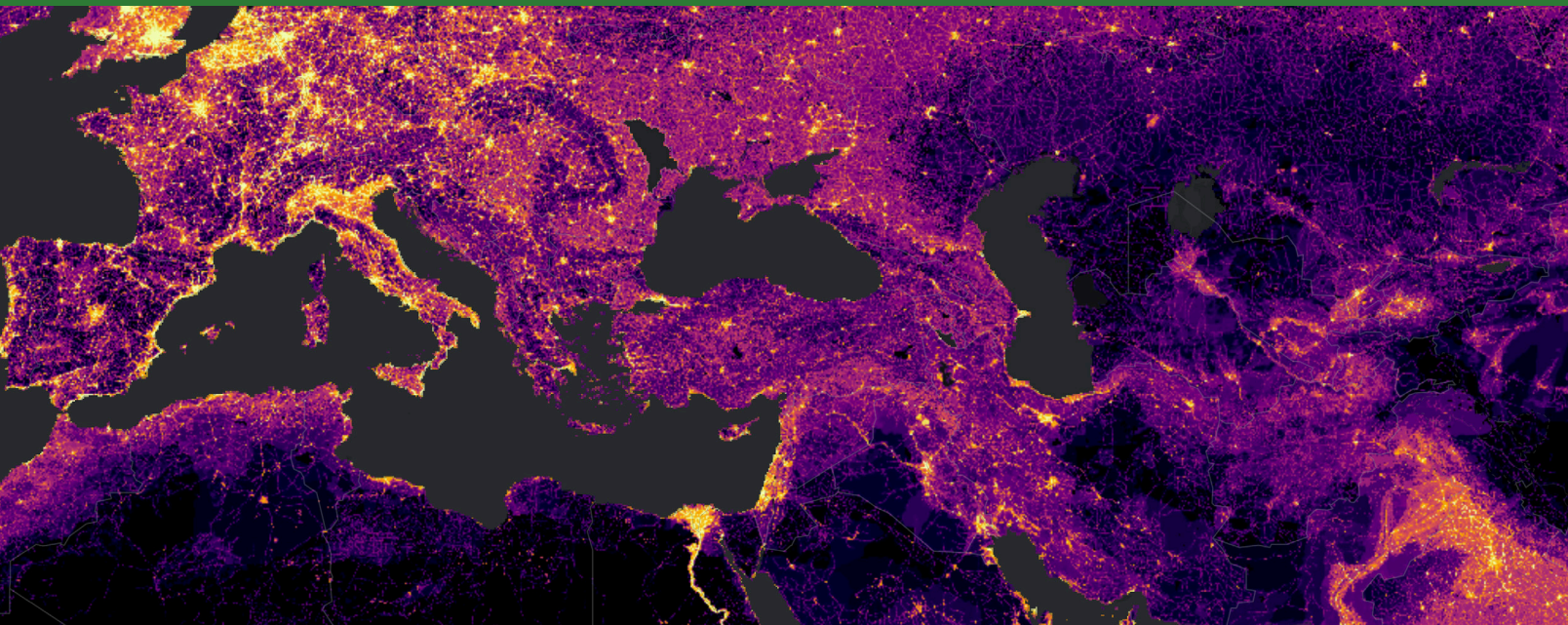—**Andrew Truman**, ArcGIS Enterprise: Analysis Workflows for Intelligence

Image Analysis for Defense and Intelligence

Two days (16 hours)
Prerequisite: Introduction to Geospatial Concepts for Intelligence

Overview

This course prepares geospatial intelligence and imagery professionals to work with a variety of imagery data in the context of realistic scenarios. Gain hands-on practice with ArcGIS Pro imagery tools and learn techniques and recommended workflows to create useful information that supports mission planning and tactical operations.

Who Should Attend

Geospatial and imagery analysts in the military, intelligence, and national security communities. Those who attended the course Image Exploitation for Defense and Intelligence should not attend this course as the content is very similar.

Learn How To

- Choose appropriate imagery datasets for a given scenario and area of interest.
- Understand factors that can impact the accuracy of imagery interpretation and apply mensuration techniques to accurately measure features on oblique and vertical imagery.
- Apply raster processing functions to enhance imagery display and perform change detection analysis.
- Perform image classification and analyze motion imagery to categorize land-cover features and identify areas and objects of interest.

"Four years on ArcGIS Pro and I still learned many **tools to utilize** in the future production of products in my work."

—**Garrett J. Pfaff**, Image Analysis for Defense and Intelligence

Using ArcGIS for Public Safety Workflows

Two days (16 hours)
Prerequisite: Introduction to GIS Using ArcGIS

Overview

This course introduces ArcGIS Pro software and a geographic approach that complements and enhances typical public safety workflows. You will work with tools to map and visualize public safety data, identify patterns, create actionable information, and produce dynamic maps and 3D scenes to effectively disseminate that information. Course exercises use realistic public safety scenarios.

Who Should Attend

Emergency management, law enforcement, fire and rescue, and emergency call taking and dispatch professionals who have minimal experience with GIS

Learn How To

- Display data stored in tables and spreadsheets as features on a map.
- Visualize trends and patterns in your data.
- Apply spatial analysis techniques to derive new information from your data.
- Edit GIS data to ensure responders, decision makers, and stakeholders have access to up-to-date data

ArcGIS Analysis Workflows for Public Safety

Two days (16 hours)
Prerequisite: Using ArcGIS for Public Safety Workflows
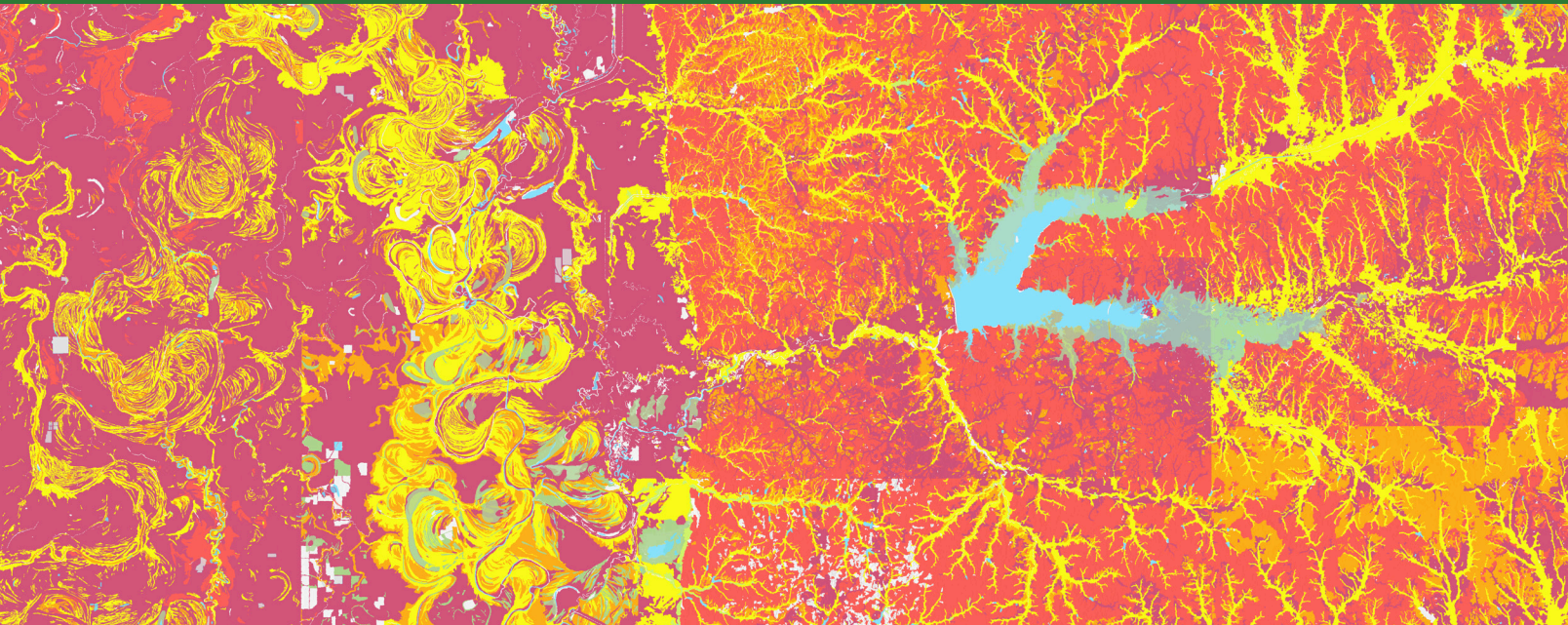
Overview

Explore realistic scenarios as you learn a standard analysis workflow that will provide deeper insight into how location impacts public safety incidents, trends, and operations. Working primarily with ArcGIS Pro, you will explore tools and techniques to visualize and quantify public safety data. You'll also learn methods to automate analysis workflows so they can be easily repeated and shared with colleagues.

Who Should Attend

Crime analysts and other public safety professionals in law enforcement, homeland security, emergency management, and related fields

Learn How To

- Evaluate and prepare data from a variety of sources to support an analysis project.
- Work with spatial statistics tools to identify patterns, hot spots, and clusters.
- Apply analytical techniques to predict behavior and impact of public safety phenomena.
- Automate analysis workflows using tasks and models.

Arc Hydro: GIS for Water Resources

Three days (24 hours)
Prerequisite: Yes, see website for details.

This course is typically offered as a private training event.

Overview

Explore the Arc Hydro data model and tools using a series of real-world examples. You will learn the basic principles of the Arc Hydro data model, how to extend it, and about the Arc Hydro tools that help you efficiently manage and use the data model and perform water resource analyses.

Who Should Attend

GIS professionals and others interested in ArcGIS water resource applications who want to implement the Arc Hydro data model and tools

Learn How To

- Combine Arc Hydro data structure and tools to solve realistic water resource problems.
- Extend Arc Hydro tools to create custom functionality.
- Integrate external models into Arc Hydro.
- Perform watershed modeling and analyses.

Hydrologic and Hydraulic Analyses Using ArcGIS

Two days (16 hours)
Prerequisite: Yes, see website for details.

This course is typically offered as a private training event.

Overview

Learn GIS techniques for terrain analysis, hydrologic and hydraulic (H&H) characteristics extraction, numerical model input and output, modeling process automation, and result mapping. The class will take full advantage of ArcMap and its extensions to support requirements that H&H analyses pose to GIS technology. You will gain hands-on experience developing HMS and RAS model inputs and analyzing and mapping model results. Utilization of GIS infrastructure for support of other H&H models will also be discussed. While H&H analyses are at the core of this class, the focus is on the functionality that GIS provides to H&H modeling, not on performing H&H analyses. Opportunities for using GIS for post-model analyses such as mapping and flood damage estimation will be discussed.

Who Should Attend

H&H and GIS professionals who support H&H analyses

Learn How To

- Implement GIS as a spatial and temporal integrator.
- Use hydrologic statistical modeling (NSS and StreamStats).
- Develop hydrologic (HMS and GeoHMS) and hydraulic (RAS and GeoRAS) physical models.
- Perform floodplain mapping.

Introduction to ArcGIS Pipeline Referencing

Two days (16 hours)
Prerequisite: Yes, see website for details.

This course is typically offered as a private training event.

Overview

The ArcGIS Pipeline Referencing extension to ArcGIS provides advanced linear referencing capabilities to pipeline operators. Using real-world examples, this course teaches essential concepts and workflows to map and visualize pipeline data, define behavior for events and route associations, and maintain accurate pipeline data over time. Familiarity with linear referencing concepts is assumed.

Who Should Attend

GIS professionals in the pipeline industry

Learn How To

- Apply best practices to streamline your organization's pipeline data management workflows.
- Configure and manage linear referencing networks and events.
- Apply common pipeline workflows such as rerouting, retirement, splitting and merging centerlines, and event maintenance.

Streamline Airport Operations with ArcGIS Aviation Airports

Two days (16 hours)
Prerequisite: ArcGIS Pro: Essential Workflows or Migrating from ArcMap to ArcGIS Pro

This course is typically offered as a private training event.

Overview

This course introduces ArcGIS Aviation Airports and its capabilities that help organizations meet regulatory requirements for safe airport operations. Explore the airports data model and learn how to leverage it to meet ICAO and FAA regulations.

Who Should Attend

GIS professionals who need to work with the airports data model

Learn How To

- Create, manage, analyze, and chart all information required to perform obstacle analysis.
- Implement the ArcGIS airports data model to support broader GIS initiatives at an airport.
- Use ArcGIS Aviation Airports to create and maintain airport signage and marking plans.

Change Management and Adoption Strategy

A common challenge when modernizing GIS infrastructure and deploying new ArcGIS capabilities is preparing the impacted workforce to quickly adopt new workflows. In these workshop-style courses for project stakeholders and leaders, an Esri adoption strategy consultant facilitates an interactive class experience with the majority of time dedicated to discussion and activities. These courses are especially effective when delivered as a private training event for teams working on shared initiatives. Participants should identify a planned or in-progress project that will benefit from change management prior to class.

Preparing for Change

Two days (16 hours)

Participants will explore the foundational steps to deploy a successful adoption strategy using the popular Prosci ADKAR® model of change management. Course materials include templates to jump-start change management efforts after class.

"Wonderful class. I am so appreciative that Esri offers this type of class in addition to more **software- and data-related courses**. This really helps to give any GIS analyst or manager a much **more holistic view** of how to communicate and implement advances to any GIS program successfully."

—**Kim Mauch**, Preparing for Change

Advancing Change Capability Series

Positively influencing organizational change and adoption of new technology requires strong interpersonal communication and collaboration skills. Each course below will help participants gain insight into personal behavioral style and versatility and equip them with strategies to be highly effective leaders, able to promote collaboration, communication, organizational agility, and geospatial resiliency.

Communicating and Collaborating for ArcGIS Success

One day (8 hours)

Participants use The SOCIAL STYLE® & Versatility multirater assessment to become aware of their own behavior and how they are perceived by others. They also learn how to recognize the behavioral styles and strengths of others and adjust their communication style to increase understanding, acceptance, collaboration, and productivity.

Building Organizational Agility and Enabling Change in a Geospatial World

One day (8 hours)

Participants take The Adaptive Mindset for Agility® assessment, which measures underlying skills that are essential for organizational agility. This is a highly experiential workshop full of actionable techniques that participants can apply to generate and implement innovative ideas that foster ArcGIS adoption.

Creating Organizational and Geospatial Resiliency

One day (8 hours)

Participants use The Adaptive Mindset for Resiliency® multirater assessment to build resiliency and high performance in complex, and sophisticated environments. Participants will learn practical strategies to alter reactive responses to change and develop a resilience road map to foster faster adoption in future ArcGIS modernization efforts.

Behavioral EQ for Geospatial Leadership Success

One day (8 hours)

This course, beneficial to all people leaders, uses The Behavioral EQ multirater assessment for analyzing emotional intelligence (EQ). Participants learn essential elements of behavioral and emotional intelligence and how they can leverage EQ when leading teams, stakeholders, and entire organizations through change. Participants will also discover impactful strategies they can apply to improve individual and organizational performance.

Esri Training Center Locations

Charlotte, North Carolina
3325 Springbank Lane, Suite 200
Charlotte, NC 28226-3343
(704) 541-9810

Chesterbrook, Pennsylvania
1325 Morris Drive, 2nd Floor, Suite 201
Chesterbrook, PA 19087
(610) 644-3374

Coral Gables, Florida
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Coral Gables, FL 33134
(305) 446-9786

Honolulu, Hawaii
1357 Kapiolani Boulevard, Suite 1100
Honolulu, HI 96814
(808) 947-0993

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167 South Taylor Avenue, #110
Louisville, CO 80027
(303) 449-7779

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