What’s new with ArcGIS

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Agenda

• What’s New in ArcGIS
  - ArcGIS Pro
  - ArcGIS Online
  - StoryMaps
  - ArcGIS Solutions
  - New Technologies
Esri Product Strategy
Supporting the Expanding Geospatial Community

GIS
ArcGIS

Mapping
Location Analytics

Geo-Enabled Systems
Developers

Software and SaaS

Esri Geospatial Cloud
ArcGIS
A Comprehensive Geospatial Platform

Supporting Individuals, Teams and Organizations
What’s New in ArcGIS
ArcGIS Pro – Professional GIS

Pro 2.5

Improvements
- Additional Parcel Management Tools
- Geoprocessing Leveraging Spatial Databases
- Multidimensional Raster Improvements
- Interactive Suitability Modeling

New
- Color Management
- Spot Color Support
- Replication Workflows
- Scripting Metadata
- Tie Point Manager
- Geoprocessing Scheduler
- Python Notebooks
- Network Dataset Creation

Coming
- Animated Symbols
- Material Textures
- Presentations
- GPS Support
- Dynamic Feature Clustering
- Map Graphics

Advanced Mapping, Visualization, Editing and Analysis

Keep up with development via the ArcGIS Pro Roadmap on GeoNet.
ArcGIS Pro

Many improvements and functions:
- Find and Replace
- Feature Binning
- Match by Attribute
- Geoprocessing History
- Jupyter Notebooks
- Chart Symbology
- 3D Animation Visualization

ArcGIS Pro
Next-generation Desktop GIS
ArcGIS Pro

- Many improvements and functions:
  - Find and Replace
  - Feature Binning
  - Match by Attribute
  - Geoprocessing History
  - Jupyter Notebooks
  - Chart Symbology
  - 3D animation
  - Layout - reshaping text
ArcGIS Online – Complete Mapping & Location Platform

New and Improved
- Next Generation Map Viewer
- Improved Sharing Interfaces
- Updated Settings Tab
- New Organizational Notices
- Support for Location Tracking

Coming
- Organization to Organization Collaboration
- Map Viewer Beta Enhancements
- Regional Hosting

World’s Largest Mapping and Data-Sharing Ecosystem
- 7+ Million Users
- Billions of Maps
- 25 Million Items
- 150k Open Datasets
StoryMaps – A Whole New Way to Tell Stories

- Exponentially Growing
  - Over a Million Stories
  - 3,000+ / Day
  - Millions of Views / Week

Next Generation

New

Easier

Mobile Optimized

Integrated Mapping Express Map
ArcGIS Online Map Viewer Beta and ArcGIS StoryMaps

- Introducing the next generation of map making with Map Viewer Beta
  - Fast, flexible, immediate
- ArcGIS StoryMaps
  - Digital storytelling that resonates
ArcGIS Online Map Viewer Beta and ArcGIS StoryMaps

- Map Viewer Beta is available to all ArcGIS Online Users
  - New look and layout
  - Compelling pop-ups
  - New tools with smart mapping and more

- ArcGIS StoryMaps builder
  - Give your narrative a stronger sense of place
  - Illustrate spatial relationships
  - Add visual appeal and credibility to your ideas
Welcome to your notebook.

Run this cell to connect to your GIS and get started:

```python
from arcgis.gis import GIS
gis = GIS("home")
```

Now you are ready to start!
ArcGIS Solution Templates – Ready-to-Use Industry Configurations

- Tools
- Data Models
- Apps
- Comprehensive Workflows
- Maps
- Widgets
- Add-Ins
- Dashboards

- Local & State Government
- Utilities & Telecom
- Protected Area Management
- Emergency Management & Public Safety
- Defense & Security

- Popular (500K Downloads)
- Extensive (450+)
- Open Source
- Fully Supported
- Free

 Helping Users Realize Value Quickly...
Coronavirus Response Resources

- Coronavirus Response
- Solutions and Business Continuity Solution
- Coronavirus Force Readiness
- Coronavirus Recovery Dashboard
- Coronavirus Testing Sites
- Hospitalization and PPE Inventory

Esri COVID-19 Hub
See more resources and examples
https://coronavirus-disasterresponse.hub.arcgis.com/

Coronavirus Response Hub Template Initiative
Free for all users – including ArcGIS Hub
Basic Sites
Solution Templates
Coronavirus GeoNet Community

Esri Geo-Enabled Systems
Directly Supporting Focused Workflows

Indoors Indoor Mapping

Hub Engagement

Business Analyst Business Intelligence

Urban Urban Planning

Mission Awareness and Collaboration (Coming)

Esri Geospatial Cloud
ArcGIS Indoors – Enterprise Mapping for Operations & Mobility

GIS for Asset, Space and Building Management . . .
. . . In a Single System

Operations
Safety & Security
Emergency Management
Problem Reporting
Asset Management

Wayfinding
Employee Routing
Indoor Positioning
Public Kiosk
Tracking

Portfolio Management
Buildings
Infrastructure

Data Management
System of Record
CAD / BIM
Floor Plan Integration

Stakeholders
- Business Owners
- Operators
- Employees
- Visitors

Floor Plans
3D Maps
Workplace Analytics
ArcGIS Analytics for IoT – Bringing Geospatial Insights to Your IoT

ArcGIS Analytics for IoT enables users to:

- Reliably ingest, analyze & store millions of sensor events per second
- Quickly visualize, replay & explore billions of observations
- Perform fast analytics on billions of observations
- Alert, act, & respond to sensor incidents or system-level trends
ArcGIS Mission – System for Geospatial Collaboration & Awareness

Supporting Operations and Management . . . End-to-End

Mission Planning
- Define Area
- Assign People
- Provision Data

Mission Management
- Monitor Activities
- Engage Team

Tactical Situational Awareness
- Peer-to-Peer Communication
- Location Tracking
- Chat & Messaging

Stakeholders
- Emergency Responders
- Security Operations
- Law Enforcement
- Humanitarian Aid

Mobile Responder App

Mission Manager Web App
Esri Boston’s Hub: https://go.esri.com/bostonhub
Sign Up and Follow Esri Boston

Sign up and follow Esri Boston to receive updates on local events and GIS stories from around Boston.

Follow Our Office
Recap

• What’s New in ArcGIS
  - ArcGIS Pro
  - ArcGIS Online
  - StoryMaps
  - ArcGIS Solutions
  - New Technologies
    - Indoors
    - Analytics for IoT
    - Mission
Next: 10:00 – 10:30 a.m.

Esri Session #3:
ArcGIS for the Internet of Things (IoT)

Presenter: Krithica Kantharaj

ArcGIS Analytics for IoT is a new real-time and big data processing and analysis capability in ArcGIS Online.