

ESRI UC 2019

Big Ideas

Vision

Nervous Systems
Intelligent | Digital
Geospatial | Global

Geospatial Infrastructure
GIS at Scale
Extending GIS to the Edge

A Common Language

ArcGIS
Location analytics
Mapping
Developers

Geo-Enabled Systems

Urban
Indoors
Hub
Business Analyst
Mission

Capabilities

Living Atlas
World's Largest Map Collection

Dynamic & Data-Driven Mapping
StoryMaps
Location Tracking
3D & BIM

Spatial Analysis & Data Science
Hosted Python Notebooks

Imagery Exploitation
AI, ML and Deep Learning

Learning And Much More ...

Serving Our Users

The Geospatial Revolution ...
is just beginning,
Your work is ...Part of
Something much larger...

Pasadena

Everyday Ingenuity

- Intelligent city
- Geospatial infrastructure
- Operations Dashboard for ArcGIS
- Insights for ArcGIS
- Tracker for ArcGIS
- QuickCapture for ArcGIS
- ArcGIS Urban

Zwolle

Citizens Creating an Intelligent Nervous System

- Community engagement
- Collaboration with ArcGIS Hub
- Stadshagen to #SensHagen
- Natte Voeten Sensor (Wet Feet Sensor)

NatureServe

Map of Biodiversity Importance

- Collaborative science and Jupyter Notebooks
- Microsoft AI for Earth
- Random forest modeling
- Intelligent nervous system for biodiversity conservation

U.S. Census Bureau

The 2020 Census—Mobilizing Everyone

- Geospatial foundation
- Address canvassing
- 350,000 Census Takers
- ECaSE Enumeration application (ArcGIS Runtime)
- Partnerships

census.gov/roam

Count everyone once, only once, and in the right place.

Creating the ultimate workplace experience.

ExxonMobil

Building the Indoor Digital Ecosystem

- ArcGIS Indoors
- For residents, technicians, visitors and executives
- Increasing efficiency and space utilization through sociophysics

GIS, Innovation and Data Science Working Together

- Proactive catastrophe response
- Imagery, remote sensing and deep learning
- GIC, Vexcel, DataWing and GeoCam damage assessments
- Public-private partnerships
- Business Analyst Infographics

USAA

Protect those who protect us.

ArcGIS StoryMaps

Storytelling for Everyone

- Interactive and accessible
- Immersive communication
- Mobile first

ArcGIS Pro

New Features

- Stylize your own vector tile basemaps
- New dynamic feature binning and charts
- Geoprocessing history to ModelBuilder
- Raster Pixel Editor
- Out-of-this-world 3D editing and special effects

ArcGIS Parcel Fabric

Parcel Fabric and Editing

- Data model, tools and workflows
- Efficient and scalable
- Automatic COGO measurements

NY MTA

Enterprise Asset Management at Scale

- Linear referencing systems
- Real-time sensors
- BIM
- Portals, training and standards

GIS for Sustainable Peace

- Mine action (IMSMA Core)

How to share space.

GICHD

The Differences We Share—Effecting Change in Northern Ireland

- Shared Education Project and GeoMentors
- Survey123 and Insights driving curiosity

Lurgan Schools

The freedom to dig deeper

There is more that unites than divides us.

ArcGIS Monitor

Monitoring your geospatial infrastructure

Kevin Eubanks The Gift

Managing and Restoring Protected Areas in Africa

- Law enforcement
- Biodiversity conservation
- Management infrastructure
- Community engagement
- Tourism enterprise

African Parks

The Importance of Biodiversity Conservation at a Global Scale

A Conversation with Jane Goodall, E.O. Wilson and Jack Dangermond