



esri

**THE
SCIENCE
OF
WHERE**

“Esri is the rare business that has survived at least five tectonic shifts in technology...and remains at the top of its game.”

-Miguel Helft, Forbes

THE SCIENCE OF WHERE

A Framework and Process



*Transforming How We Think and Act . . .
... Creating a More Sustainable Future*

GIS Provides the Platform

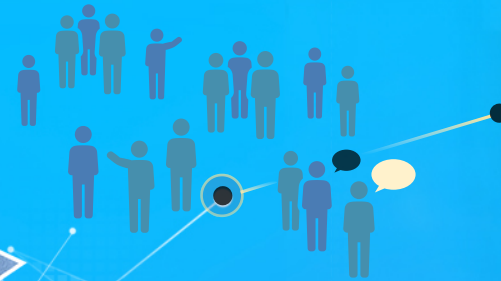
For Managing, Analyzing, and Applying Geographic Information

Integrating People,
Processes, Things,
and Data About Them

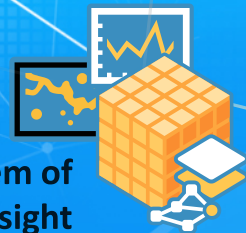
System of
Record



System of
Engagement



System of
Insight



Using the Power of Where
to Integrate Everything



GIS Is Advancing Rapidly

Integrating and Leveraging Many Innovations

Distributed **Web**

Scientific Measurements
Drones
Location
Demographics
Surveys
Weather
Real-Time Video
Lidar
Traffic
Imagery
3D
Crowdsourcing

Data



Apps

Web GIS

Computing Infrastructure

Machine Learning
Mobile
Big Data
Faster
Distributed Computing
Web Services
Cloud
Microservices
SaaS
IoT
Networks

GIS Innovation

Real-Time
Python
Modern Desktop
Open APIs
3D
Portal
Dynamic Image Processing
Data Exploration
Hub
Open Data
Apps
Online Content
Smart Mapping
Advanced Analytics

Expanding the Power of GIS

GIS & New Technologies

All Aspects of the future

ArcGIS Platform is an open standard

Integrating everything

ArcGIS Platform

Integrating:



Web GIS Simplifies Working With All Types of Data

Using Web Maps, Scenes, and Layers

Creating
A Common Language

Apps

Distributed

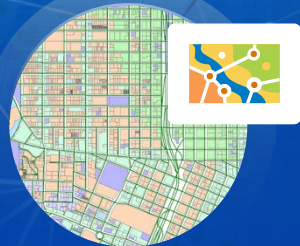


Imagery



State	Provincial capital
National and provincial ca	
Provincial capital	
PK	Provincial capital
MS	National and provincial ca
NY	Provincial capital
11,174,257.00	Provincial capital
10,817,986.00	National and provincial capital
12,444,527.00	National and provincial capital
12,130.00	National and provincial capital

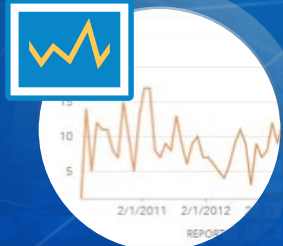
Tabular



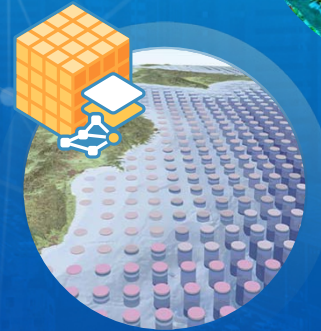
Vector



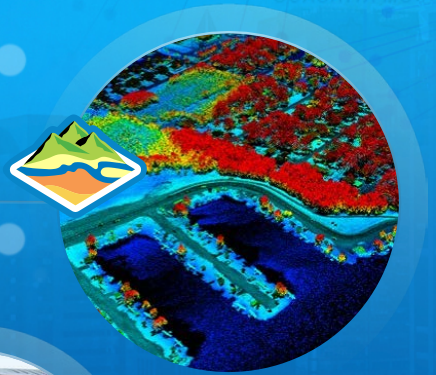
3D



Real-Time
(IoT)



Big Data



Lidar





Integrating Real-Time Information

Leverages Dynamic Data About Everything



Built Environment

Natural Environment

Sensors

IoT



Web GIS Is Connecting Everyone

Using Web Maps and Apps to Share and Collaborate

Supporting Communication
and Real-Time Awareness

People

Organizations

Communities

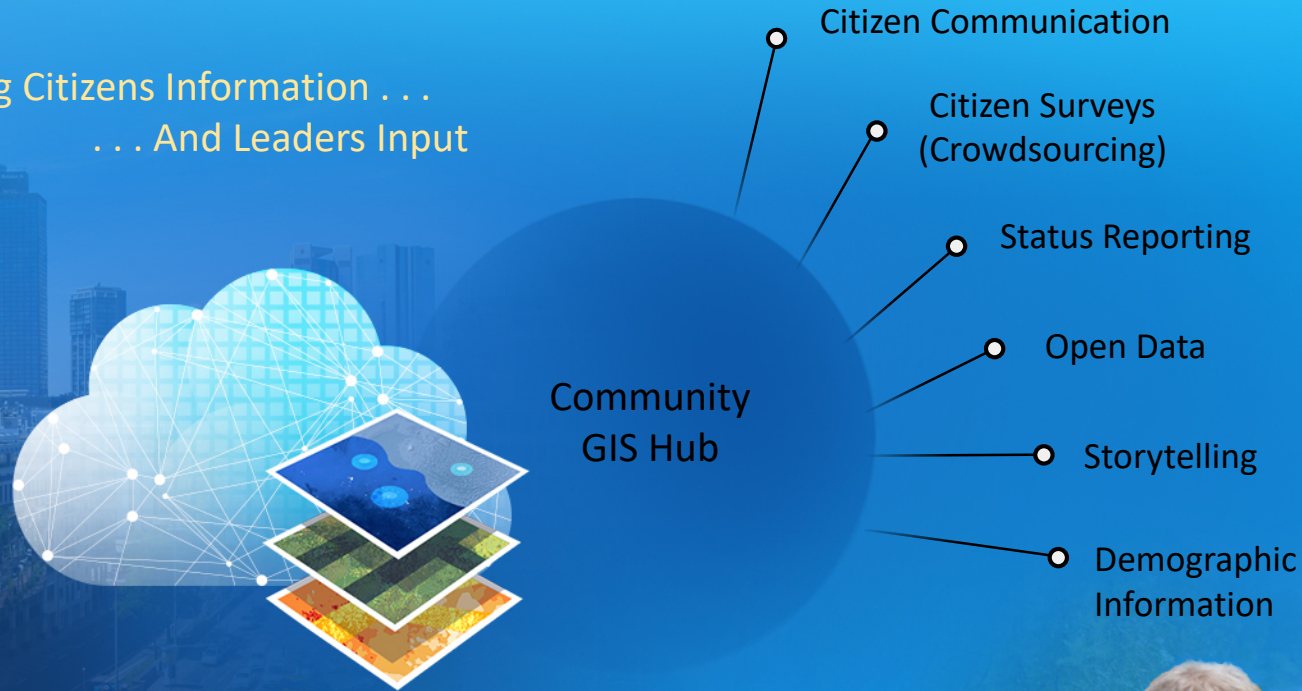


Creating a System of Engagement

Web GIS Enables Community Engagement

Organizing and Managing Community Interactions

Providing Citizens Information . . .
. . . And Leaders Input



Policy Initiative Based

