



Smart Communities are

Sustainable



Build and Maintain a Community's Quality of Life

Progressive communities look for solutions at a scale that upholds living standards without diminishing natural resources. Included in the ArcGIS platform are a variety of configurable apps, maps, and workflows designed to assist a community in its sustainable energy, transportation, and housing efforts. Discover how the following apps accelerate sustainability.



DESKTOP

Address Data Management

Enables mapping technicians to collect and manage road centerlines with address ranges, facilities, site addresses, and related mailing address data

Available for Desktop

Deed Drafter

Helps mapping technicians enter metes-and-bounds descriptions from deeds and recorded documents

Available for Desktop

Environmental Analysis

Helps planners understand the impact of development and projects on the natural environment

Available for Desktop

Environmental Screening

Enables users to understand potential impacts on environmentally sensitive species and protected or managed lands and to generate reports

Available for Combination (desktop/web/mobile)

IrisBG Sync

ArcGIS Desktop configuration for synchronizing plant records information between IrisBG and ArcGIS

Available for Desktop

Parks and Gardens Information Model

Geoinformation model to store common parks and recreation data in ArcGIS

Available for Desktop



DESKTOP (continued)

Public Land Survey Editing

Enables mapping technicians to manage the Public Land Survey System

Available for Desktop

Tax Map Book

Enables mapping technicians to create tax map atlas pages and tax map atlas books

Available for Desktop

Tax Parcel Editing

Enables mapping technicians to maintain a survey framework, subdivisions, lots, tax parcels, and encumbrances

Available for Desktop

Tree Assessor

ArcGIS Desktop configuration for performing tree health and hazard assessments

Available for Desktop



WEB

Address Crowdsourcing

Enables the public to contribute missing site address locations and contact information for current addresses

Available for Web

ArcGIS Online for Environment and Natural Resources

Accelerates deployment of a mapping portal for environmental and natural resources departments

Available for Web

ArcGIS Online for Public Gardens

A model implementation of ArcGIS Online that will help you configure the cloud-based mapping platform for your public garden

Available for Web

Citizen Science Manager

Enables users to view information submitted through the Citizen Science Reporter app

Available for Web

Citizen Science Reporter

Enables the public to report sightings of wild plants and animals

Available for Web

Collection Editor

Web application for editing your living plant collection information in the office

Available for Web

Collection Viewer

Web application for living plant collection mapping

Available for Web

Environmental Impact Briefing

Enables agencies to share environmental impact assessment information

Available for Web



WEB (continued)

Irrigation Editor

A web application for creating and updating irrigation system information in a web browser

Available for Web

Irrigation Viewer

A web application for exploring and searching irrigation system information in a web browser on any device

Available for Web

Mosquito Adulticide Planning

Defines planned spray locations for sharing with field staff, reports on spraying history, and maintains spraying-exclusion areas

Available for Web

Mosquito Health Concerns

Track locations where mosquitoes, chickens or other birds, or humans have tested positive for vector-borne disease

Available for Web

Mosquito Population Surveillance

Enables field staff to record mosquito counts at test sites and visualize trends

Available for Web

Mosquito Service Request

Enables the public to report mosquito activity and locations of potential breeding sites

Available for Web

Mosquito Spray Areas

Enables the public to locate recent and planned spray areas

Available for Web

Mosquito Spray Exclusions

Enables property owners to request an exclusion from mosquito spraying

Available for Web



WEB (continued)

Parks and Gardens Service

Provides a series of services that can be used to publish an empty feature layer in your ArcGIS Online organizational account

Available for Web

Park and Recreation Finder

Helps the public locate park and recreation opportunities in their community

Available for Web

Public Notification

Makes mailing labels and structured text files from a collection of properties

Available for Web

Review Proposed Developments

Enables local government staff to view proposed development projects in 3D and analyze impacts to viewsheds

Available for Web

Tax Reverted Property

Assists treasurer's offices in collecting and managing information about tax delinquent properties

Available for Web

Water Restrictions

Informs the public about watering restrictions, permitted water uses, and allowed watering times by service area zone

Available for Web



WEB/MOBILE

Assessment Appeal

Enables citizens to file a formal request for the review of a property assessment

Available for Web/Mobile

Environmental Impact Public Comments

Enables the public to comment on proposed transportation, environmental, or other types of projects

Available for Web/Mobile

Green Infrastructure

Enables utilities to inspect customer-installed green infrastructure for rebate verification

Available for Web/Mobile

Permit Dashboard

Monitors the permitting process and reports permit status and related information

Available for Web/Mobile

Permit Status

Helps the public and permit holders find permitted activities in communities and see permit status

Available for Web/Mobile

State Trail Locator

Helps the public find recreational trails

Available for Web/Mobile

Tax Parcel Viewer

Enables the public to view property tax and assessment information

Available for Web/Mobile

Value Analysis Dashboard

Helps assessors understand the impacts of sales, foreclosures, and assessment appeals on property values

Available for Web/Mobile



WEB/MOBILE (continued)

Water Access Locator

Helps the public find water recreation access sites such as boat ramps, marinas, and fishing areas

Available for Web/Mobile

Water Quality Status

Helps citizens access water quality results for water bodies, waterways, and beaches

Available for Web/Mobile

Wildlife Management Area Locator

Helps the public locate wildlife management areas and land for hunting

Available for Web/Mobile

Wildlife Photo Survey

Facilitates identification of wildlife by using photos to understand wildlife distribution and behavior

Available for Web/Mobile



MOBILE

Address Field Verification

Enables field staff to collect and validate address information

Available for Mobile

Collection Mapper

A Collector for ArcGIS configuration for collecting new and updating existing living plant collection information in the field by using a mobile device

Available for Mobile

Irrigation Mapper

A Collector for ArcGIS configuration for collecting new and updating existing irrigation system information in the field by using a mobile device

Available for Mobile

Mosquito Field Operations

Enables field staff to inspect mosquito activity reports submitted by the general public and document catch basin inspections

Available for Mobile

Mosquito Larvicide Reporting

Enables field staff to record sites where larvicide has been applied and to record site tests

Available for Mobile

Permit Inspection

Enables field collection of permit inspections

Available for Mobile

Water Quality Inspection

Facilitates field collection of water quality inspection data

Available for Mobile

Watering Violations

Enables field crews to use a smartphone or tablet to log watering conservation violations

Available for Mobile



Connecting forward-thinking people with authoritative data and accelerator apps helps communities modernize their ArcGIS platform and arrive at smarter decisions faster. When everyone is given the ability to instantly discover, apply, create, and share mapped information from any device, sustainability becomes a true communal effort.

ArcGIS builds smart communities faster by connecting people to information through insightful apps.

Data Sources and Services



Servers



IoT



Other
Business
Systems

+



Discover
Share
Connect

+

Apps



Desktop



Web



Mobile