

# Introduction to VertiGIS Studio Workflow

Course Length: 2 days (instructor-led)  
5 days (self-paced)

## Overview

This two-day course builds on your knowledge of VertiGIS Studio and teaches you how to configure pre-built activities using VertiGIS Studio Workflow (VSW) components. You'll use JavaScript expressions, values, and decision logic to build interactive, feature-rich forms for VertiGIS Studio Web applications.

## Audience

Those who are already familiar with VertiGIS Studio and want to learn how to start developing a workflow using VertiGIS Studio Workflow.

## Topics Covered

### Day 1

- VertiGIS Studio – An overview of VertiGIS Studio and the benefits of the VertiGIS Studio capabilities. Explore a building search workflow.
- VertiGIS Studio Workflow – Discuss where workflows are started from, why to use VertiGIS Studio Workflow, and how to use it. Describe the key features of VSW. Get acquainted with the VertiGIS Studio Workflow Designer interface.
- Create a Workflow – Identify the steps to create a workflow. Describe workflow design considerations. Create a simple workflow. Run a workflow in the VSW Sandbox testing environment. Describe the testing features in VertiGIS Studio Workflow. Run a workflow from a VertiGIS Studio Web app. Use a log activity to examine activity outputs.
- Display an ArcGIS FeatureSet – Describe the FeatureSet object. Learn how to query an ArcGIS Online feature layer. Discover how to configure the Show Results activity. Use the Show Results activity to display a FeatureSet in the viewer.

### Day 2

- Reference Display Form Elements – Describe the features of the Display Form activity. See how to reference form element values. Learn to construct JavaScript string expressions.
- Build an Input Form – Describe the components of a basic VertiGIS Studio Workflow display form. Configure and use the Auto Complete form element. Configure and use a List Box using an ArcGIS query. Use List Box-selected values in an ArcGIS query.

- Use Form Events – Describe form element events. Explore form events in a purpose-built workflow. Configure a button click event to add symbolized graphics to a map. Add a change event to a list box to add symbolized graphics to a map. Add validation events to form elements.

## Format

This course is available as an in-person or remote instructor-led course, or as a self-paced course, with hands-on practice and course materials you can keep.

## Prerequisites and Recommendations

- Familiarity with creating and sharing content in AGOL or Portal for ArcGIS.
- Knowledge of building apps in VertiGIS Studio Web
- A fundamental knowledge of JavaScript programming concepts is useful.
- We recommend using two monitors for an ideal learning experience.