

Introduction to Creating and Using an ArcGIS Online Trial Subscription

Welcome to the Essential ArcGIS Task Sheet Series. This series supplements the Iowa State University GIS Geospatial Technology Training Program short course series, “Essential ArcGIS Tutorial Series.” The task sheets are designed to provide quick, easy instructions for performing specific tasks in GIS.

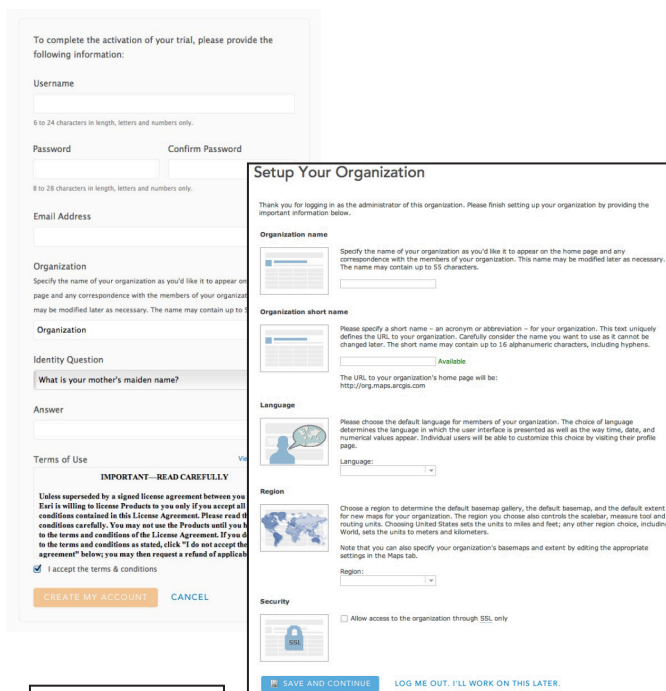
ArcGIS Online is a cloud-based platform that allows its members to create, share, store and access maps, applications and data and can also be used to extend the capabilities of ArcGIS for Desktop. ArcGIS Online is based on an annual subscription with varied plans that include the number of users in an organization and service credits. Service credits are used as currency and applied to different functions and analysis done in ArcGIS Online. A few examples of functions that use service credits include: map tile generation, geocoding, network analysis, spatial analysis, and geoenrichment. This task sheet will introduce you to the basics of ArcGIS Online and creating a trial subscription. Refer to publication PM2082-13f for information on creating and embedding an ArcGIS Online map into a webpage.

1. Sign In to ArcGIS Online

- In a web browser, navigate to the ArcGIS Online website at www.arcgis.com.
- Sign up for an ArcGIS trial subscription. Click **SIGN IN** and choose **30-DAY FREE TRIAL**. Fill in the required information and click **START TRIAL**. Provide the requested information and click **CREATE MY ACCOUNT**.
- Setup your organization by filling in the requested information and clicking **SAVE AND CONTINUE**.
- Sign in using your new username and password.

2. Exploring ArcGIS Online

- Within the **MY ORGANIZATION** section of ArcGIS Online, click on **View Status**. Here you will see statistics on your subscription: when it was created, the number of members in your organization, and your remaining credits. The total number of credits used by the organization is shown broken into categories based on analysis type.
- Click on **MY CONTENT** at the top of the page. This section is where you will view, and organize your contents in ArcGIS Online. This content can include maps, layers, tools, apps, and files.
- Click on **GROUPS** at the top of the page. This section is where you will view, create, and manage the groups you are a member of. Groups allow you to share content between group members.
- Click **MAP** to begin creating content.



To complete the activation of your trial, please provide the following information:

Username
6 to 24 characters in length, letters and numbers only.

Password Confirm Password
8 to 28 characters in length, letters and numbers only.

Email Address

Organization
Specify the name of your organization as you'd like it to appear on page and any correspondence with the members of your organization may be modified later as necessary. The name may contain up to 55 characters.

Organization
Specify the name of your organization as you'd like it to appear on page and any correspondence with the members of your organization may be modified later as necessary. The name may contain up to 55 characters.

Identify Question
What is your mother's maiden name?

Answer

Terms of Use

IMPORTANT—READ CAREFULLY
Unless superseded by a signed license agreement between you and Esri, you are not authorized to use the Products until you have accepted the terms and conditions of the License Agreement. Please read the License Agreement carefully. You may not use the Products until you have accepted the terms and conditions of the License Agreement. If you do not accept the terms and conditions as stated, click "I do not accept the agreement" below; you may then request a refund of applicable charges.

I accept the terms & conditions

CREATE MY ACCOUNT **CANCEL**

Setup Your Organization

Thank you for logging in as the administrator of this organization. Please finish setting up your organization by providing the important information below.

Organization name
Specify the name of your organization as you'd like it to appear on the home page and any correspondence with the members of your organization. The name may contain up to 55 characters.

Organization short name
Please specify a short name - an acronym or abbreviation - for your organization. This text uniquely defines the URL to your organization. Carefully consider the name you want to use as it cannot be changed later. The short name may contain up to 16 alphanumeric characters, including hyphens.

The URL to your organization's home page will be: <http://org.maps.arcgis.com>

Language
Please choose the default language for members of your organization. The choice of language determines the language in which the user interface is presented as well as the way time, date, and numerical values appear. Individual users will be able to customize this choice by visiting their profile page.

Language:

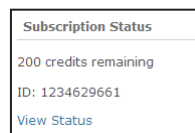
Region
Choose a region to determine the default basemap gallery, the default basemap, and the default extent for new maps for your organization. The region you choose also controls the scalebar, measure tool and routing units. Choosing United States sets the units to miles and feet; any other region choice, including World, sets the units to meters and kilometers.

Note that you can also specify your organization's basemaps and extent by editing the appropriate settings in the Maps tab.

Region:

Security
 Allow access to the organization through SSL only

SAVE AND CONTINUE **LOG ME OUT. I'LL WORK ON THIS LATER.**

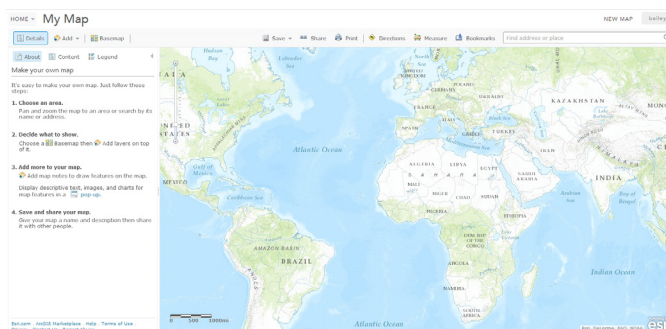


Subscription Status

200 credits remaining

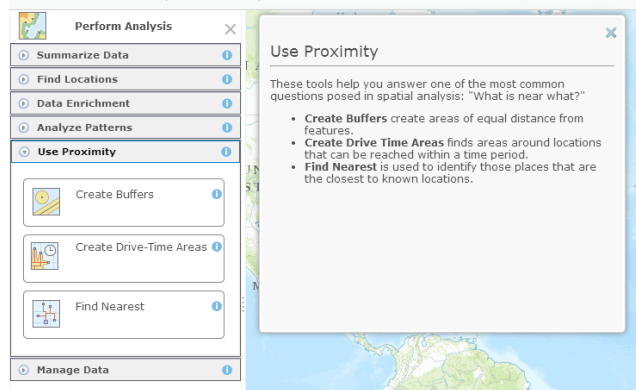
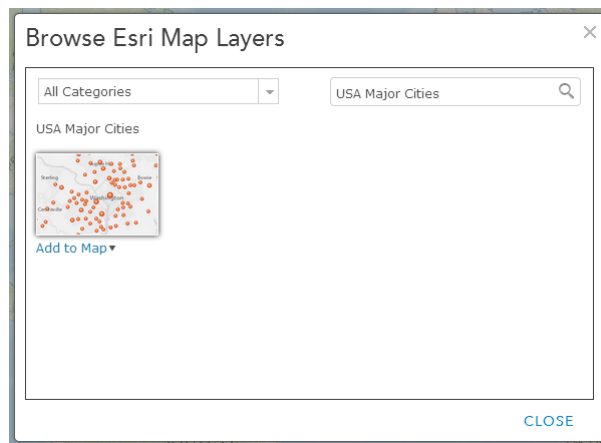
ID: 1234629661

[View Status](#)



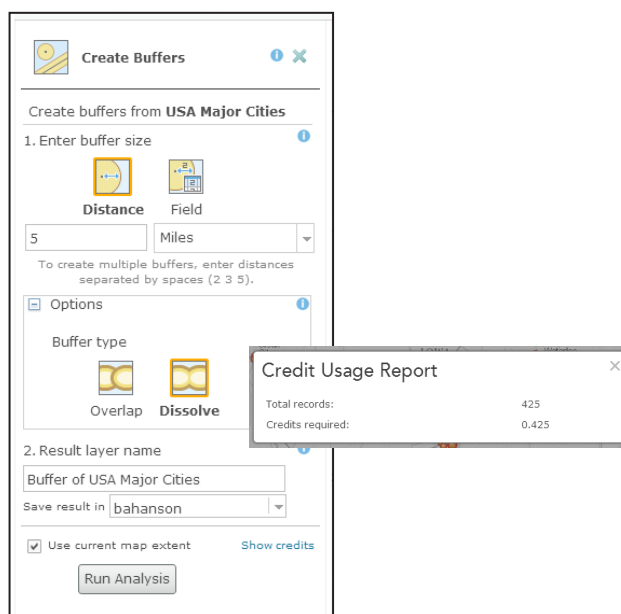
3. Adding Data to a Map and Performing Analysis

- With a blank map open click **Add**. A drop-down menu will open providing different options for adding content to the map. Select **Browse ESRI Map Layers**.
- Search for **USA Major Cities** in the search bar provided in the **Browse ESRI Map Layers** pop-up. Click **Add to Map** and select **As Layer**. The layer will be added to the map and shown in the **Contents** bar. Close the **Browse ESRI Map Layers** dialog box by clicking **Close**.
- Click on the **arrow** next to the layer name in the **Contents** bar, then select **Perform Analysis**. Explore the analysis options available. These are organized similarly to how tools are organized within the ArcGIS ArcToolbox.
- To get more information on the analysis category or on the analysis tools click on the information symbol next to each. Open the **Use Proximity** category and select **Create Buffer**.
- The **Create Buffers** tool settings will open in the **Contents** bar. Fill out the tool settings as shown in the image, set the buffer size to **5 Miles**, expand **Options** and choose **Dissolve**, and make sure the result layer name and save location are named appropriately. Check the option to **Use current map extent** and zoom in on Iowa. Click on **Show credits** to review the number of credits this analysis will use. Now click **Run Analysis**. When the analysis is complete the buffers will be added to your map and table of contents. Click **Save** at the menu bar at the top of the map to save your work.



4. Opening ArcGIS Online Layers in ArcMap 10.1

- Click on **HOME** in the top left corner of page. Select **My Content** from the drop-down menu.
- Look for the layer, **Buffer of USA Major Cities** and hover your mouse over the down arrow next to the layer name. Click **Open in ArcGIS 10.1 For Desktop**. A file will be downloaded to your computer. double-click on the file to open it in an ArcMap document. *Hint: to convert this file from a layer file to a shapefile, right click on BufferedFeatures in the ArcMap table of contents and select Data, and Export Data.*



Contact:

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...and justice for all

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