



USDA Forest Service Forest Stewardship Program

**SMART**

Stewardship Mapping and Reporting Tool



# ShapeUp Add-In for ArcGIS Pro

## Instruction Manual



# SMART

## Stewardship Mapping and Reporting Tool



Last updated August 2021

### About ShapeUp Add-in for ArcGIS Pro

The ShapeUp Add-In for ArcGIS Pro is an add-in utility for the ESRI ArcGIS Pro software. It allows you to select and copy shapes from within ArcGIS into SMART for any Plan Property Boundary, Stand, Line, or Point. You can copy the geometry of a shape from any vector layer already in use on your local system (e.g. shapefile, coverage, SDE, GDB, pGDB), thus saving you data-preparation time.

If you have any difficulty installing or using the ShapeUp tool, please notify the SMART Help Desk:

- 303-275-5341
- [support@formap.kayako.com](mailto:support@formap.kayako.com)

**Step 1:** *If you do not already have a copy of the Add-In, log into SMART using your USDA eAuthentication account. Follow steps 2-4. If you already have the file, begin at Step 5.*

**Step 2:** On the bottom of your HOME page, click the *Download supporting software* link.





# SMART

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**Step 3:** Click the *Get the ShapeUp Add-In* button.

The screenshot shows the SMART website interface with four main sections: SMART Desktop, ShapeUp, SADL Tool, and ShapeUp Add-In for ArcMap. The ShapeUp Add-In for ArcMap section is highlighted with a red border. A green box labeled 'Step 3: Click "Get the ShapeUp Add-In"' points to the 'Get the ShapeUp Add-In' button. Another green box labeled 'Step 4: Download File to your Desktop' points to the same button. The SADL Tool section also has a 'Get the SADL Tool' button.

**Step 4:** The zip file downloads to your desktop computer.

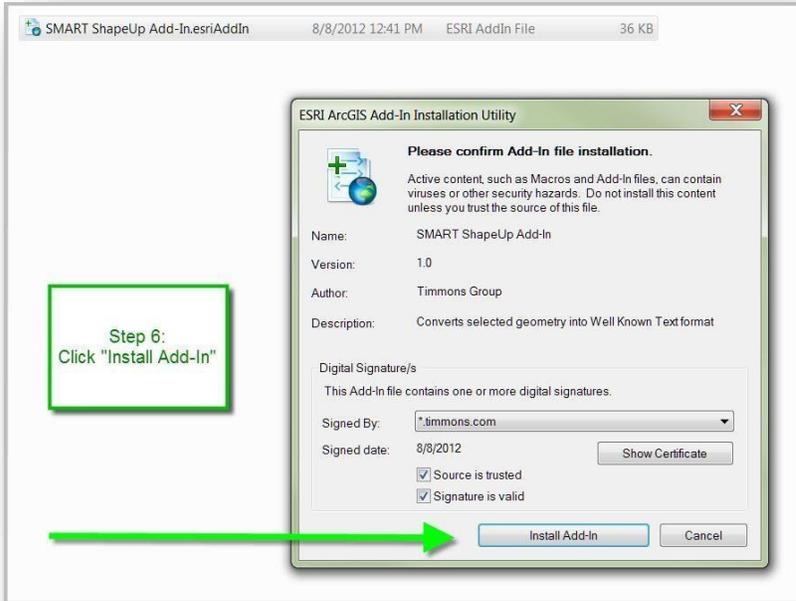
**Step 5:** After the download has completed, unzip the folder, and double-click *ShapeUp Add-In.esriAddInX*.

**Step 6:** Click the *Install Add-in* button and wait for installation to finish.



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**Step 7:** Open ArcGIS Pro on your computer.



# SMART

Stewardship Mapping and Reporting Tool



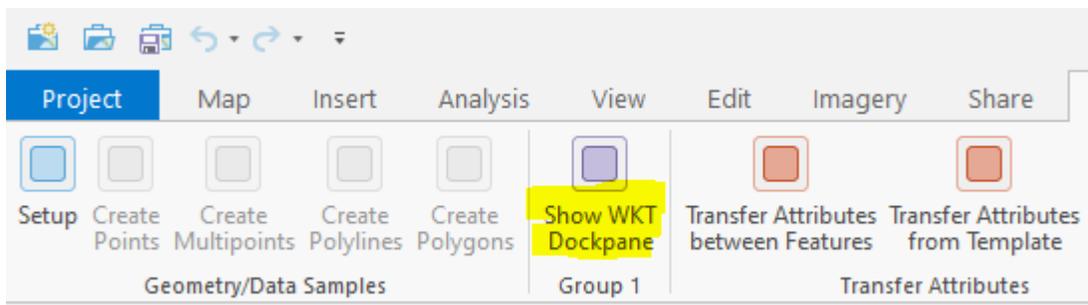
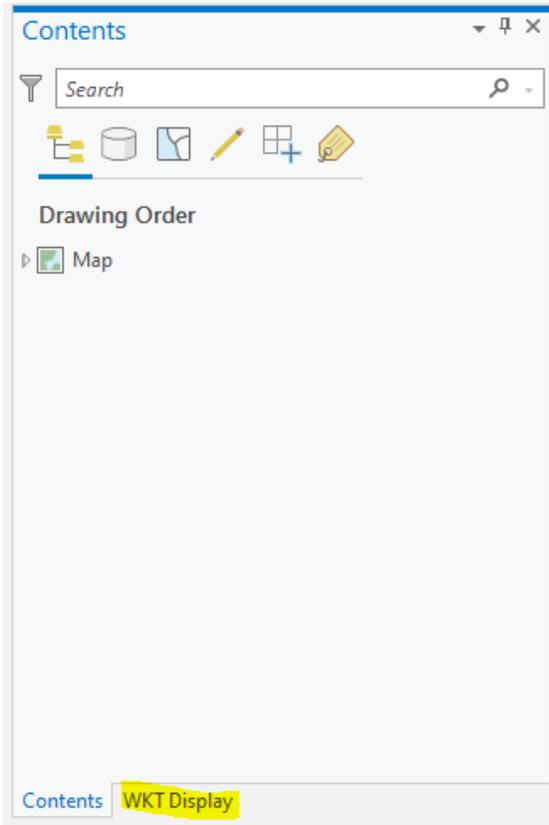
**Step 8:** On the ArcGIS Pro menu bar:

- If you can already see a tab named “WKT Display” on the Contents window then proceed to the next step.
- Click **Add-In**, then **Show WKT Dockpane**.



# SMART

Stewardship Mapping and Reporting Tool



**Step 9:** Using your preferred method, add a vector layer to your ArcGIS Pro Table of Contents.

Click the *Select Features* icon.

- Select a Point, Line or Polygon to copy into SMART. The selected area will highlight.
- A dockable window (WKT Display) should already be open to display the coordinates of the selected shape(s).



# SMART

## Stewardship Mapping and Reporting Tool

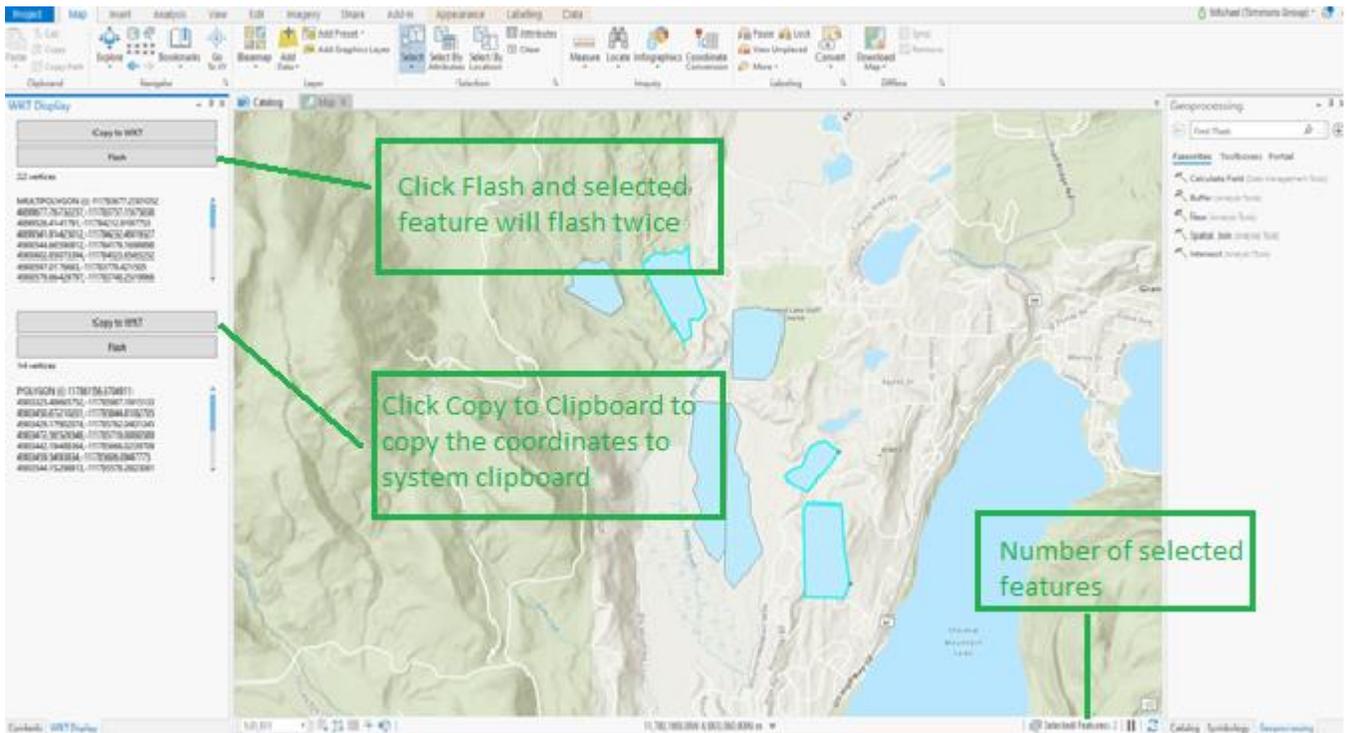


### Step 10: Copying coordinates of a single shape.

If you have selected more than one shape, a specific geometry will flash by clicking the **Flash** button. You can also keep selecting geometry and the window will update accordingly.

- Click **Copy to Clipboard**. This copies the coordinates of a single shape to system clipboard.

**\*Note:** Multi-part polygons are supported by the tool. If the shapes are listed as separate records in the attribute table, they will need to be merged as a multi-part polygon before use in ShapeUp.



### Step 11: In the SMART application:

Click **Upload**.

- In the textbox, right-click to **Paste Clipboard** coordinates in window. \*Only input the coordinates of one shape. Click **Add Shape**.



# SMART

## Stewardship Mapping and Reporting Tool



SMART Desktop 1.0.0.1

Paste ShapeUp Add-In Coordinates In Progress Home | Exit

General Information Details **Property Boundary** SMART USDA

**Confirm Upload Shape**

**Use ShapeUp**

1. Start the ShapeUp tool on your computer
2. Add a Shapefile to the Map (instructions are in ShapeUp)
3. Click on the desired shape in the map
4. Click Copy
5. Switch to SMART and return to this Upload page
6. Right-click in the window below and select Paste
7. Click Add Shape button
8. Enter a Name and click Save

Paste one shape below

```
4376623.31484036,-8455527.95140623
4376609.46979962,-8455549.99050743
4376609.46979875,-8455606.08664531 4376623.31483554),
(-8490754.35196142 4486561.67113402,-8490693.23591058
4486570.91905512,-8490764.37312733
4486553.26820956,-8490754.35196142 4486561.67113402),
(-8509818.37778772 4437653.4682645,-8509811.69701086
4437669.07501779,-8509802.79552735
4437653.46826513,-8509818.37778772 4437653.4682645))
```

Step 1: Click Upload

Step 2: Right Click and Paste

Step 3: Click "Add Shape"

Paste ShapeUp Add-In Coordinates

9/5/2012 Created On No shape(s) GIS Acres

Cancel Draw Save Upload

wardship Mapping and Reporting Tool Powered by Timmons Group



# SMART

## Stewardship Mapping and Reporting Tool

Upload Stewardship Plan Logged in as Daial Lama (VA) | Home | Help

[Back to Property Map](#) **SMART**

**Paste shape coordinates from ShapeUp here:**

```
4503265.01037774,-8488893.53217357 4503232.89692195,-8488896.08877894 4503110.90851972,-8488925.03259408
4503104.44377775,-8488979.3559 4503117.34995211,-8488988.14541389 4503101.64602019,(-8458522.65657498
4376623.31472068,-8455606.08664531 4376623.31483354,-8456185.29885727 4376609.46977374,-8458522.65657498 4376623.31472068),
(-8497384.98737166 4512212.65516344,-8497344.79074656 4512412.96209381,-8497270.66771038 4512501.38730727,-8497384.98737166
4512212.65516344),(-8455606.08664531 4376623.31483354,-8455483.76123604 4376623.31484036,-8455527.95140623
4376609.46979962,-8455549.99050743 4376609.46979875,-8455606.08664531 4376623.31483554),(-8490754.35196142
4486561.67113402,-8490693.23591058 4486570.91905512,-8490764.37312733 4486553.26820956,-8490754.35196142 4486561.67113402),
(-8509818.37778772 4437653.4682645,-8509811.69701086 4437669.07501779,-8509802.79552735 4437653.46826513,-8509818.37778772
4437653.4682645))
```

**About this upload field:**

- **Upload uses WKT coordinates.** If you have a shape in WKT coordinates, you can paste it here.
- Alternatively, the SMART ShapeUp Tool allows you to copy a shape from a shapefile and paste it (as WKT coordinates) into SMART Web or SMART Desktop.
- Shapes can be pasted into any 'In Progress' Stewardship Plan in SMART, and used for a Property Boundary, Stand, Line, or Point.
- **Only one shape can be pasted at a time;** single-record multi-part shapes are allowed.
- Stand, Line, and Point shapes can only be added if the Property Boundary has been mapped.

**How do I get my data into WKT format?**  
Download one of our [helper applications](#).

**SMART web application view**

**Step 12:** In the SMART application:

Click **Save** to keep, or delete to remove.



SMART Desktop 1.0.0.1

### Paste ShapeUp Add-In Coordinates

In Progress Home | Exit

General Information Details **Property Boundary** Stands Lines Points

SMART

Click Save

Paste ShapeUp Add-In Coordinates

9/5/2012 Created On 40758239... GIS Acres

[Add Activity](#)

Cancel Draw Save Delete

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