

Habitrak Edit User Guide

Habitrak Edit Tasks in ArcGIS Pro

The replacement for the previous HabiTrak Extension in ArcMap is a set of custom script tools bundled together in the new [Task](#) workflow in [ArcGIS Pro](#) ("Pro") software, which is the latest Desktop GIS from Esri, currently at version 1.4.1. The **Tasks panel** in the Pro software groups together a set of geoprocessing tools and instructions in a step by step manner for the user to easily follow a standard procedure.

Terminology

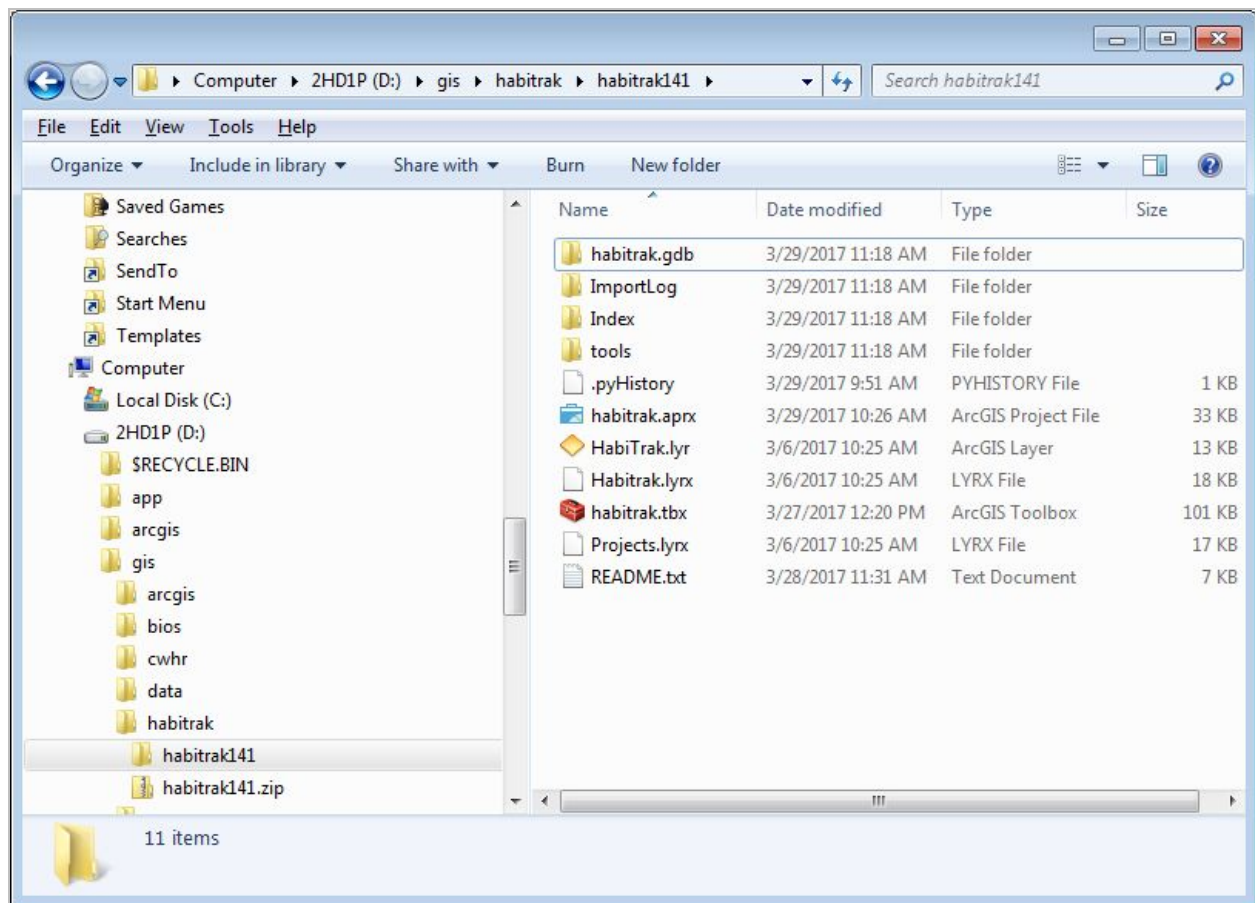
Because the mapping units in the HabiTrak program are called **Projects**, and work in the Pro desktop GIS is saved in a Windows desktop *project* file with the extension APRX, the word "project" easily invites confusion. In this document whenever we are referring to a HabiTrak Gain/Loss geographic feature or polygons we will use the capitalized term or proper-cased "**Projects**", as in "HabiTrak Projects layer", "Project ID", or "Gain Project". Whereas if we are talking about the GIS work or files and system related to the Pro GIS software, we will use the lower case term "*project*" such as "Pro project" or "project file" or "habittrak project folder". Whenever possible, we will also refer to an attribute field by its name instead of alias such as *PROJECTID* and *TYPE* for clarity.

Quick Start Guide

Follow this section to start working in the new Habittrak Edit tools right away with explanation provided as needed. you can follow this guide as an exercise and throw away the result at the end. Then start over with a real edit session.

1. Extract the ArcGIS Pro project

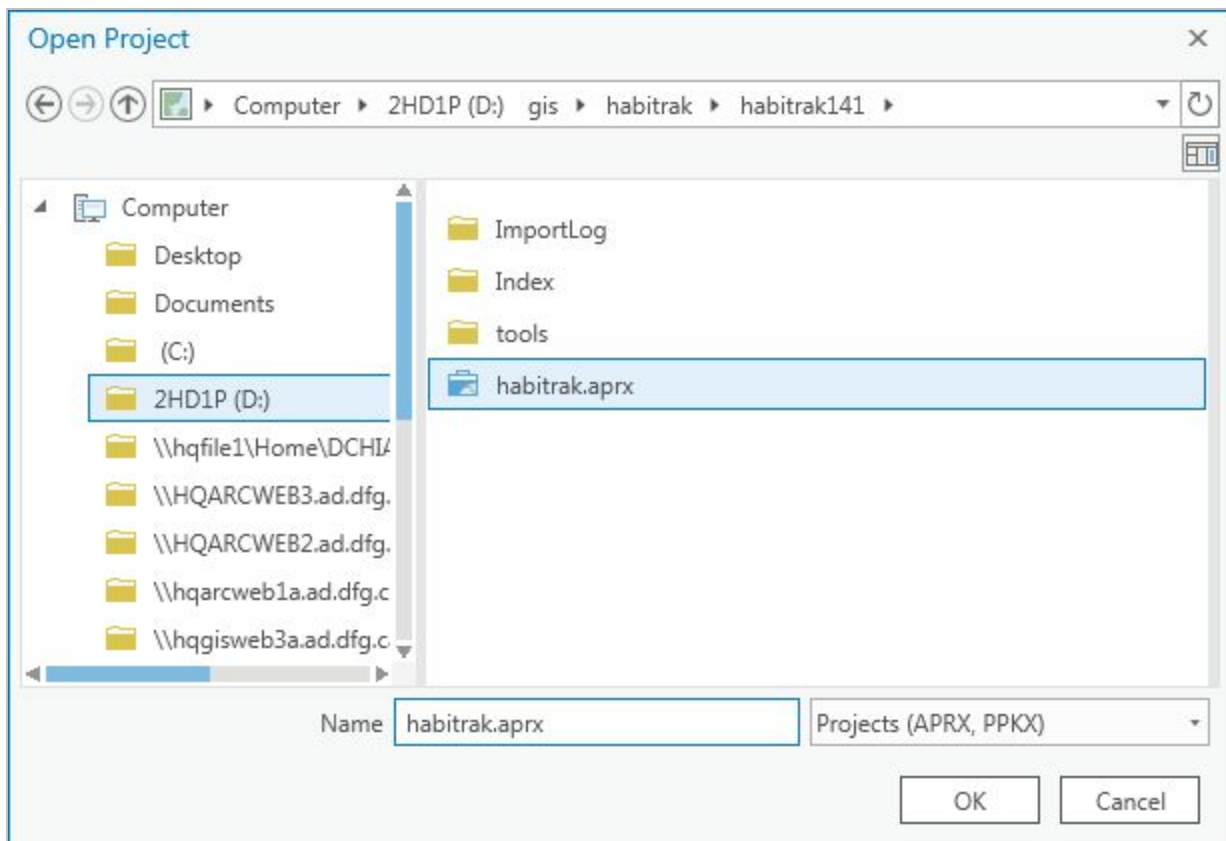
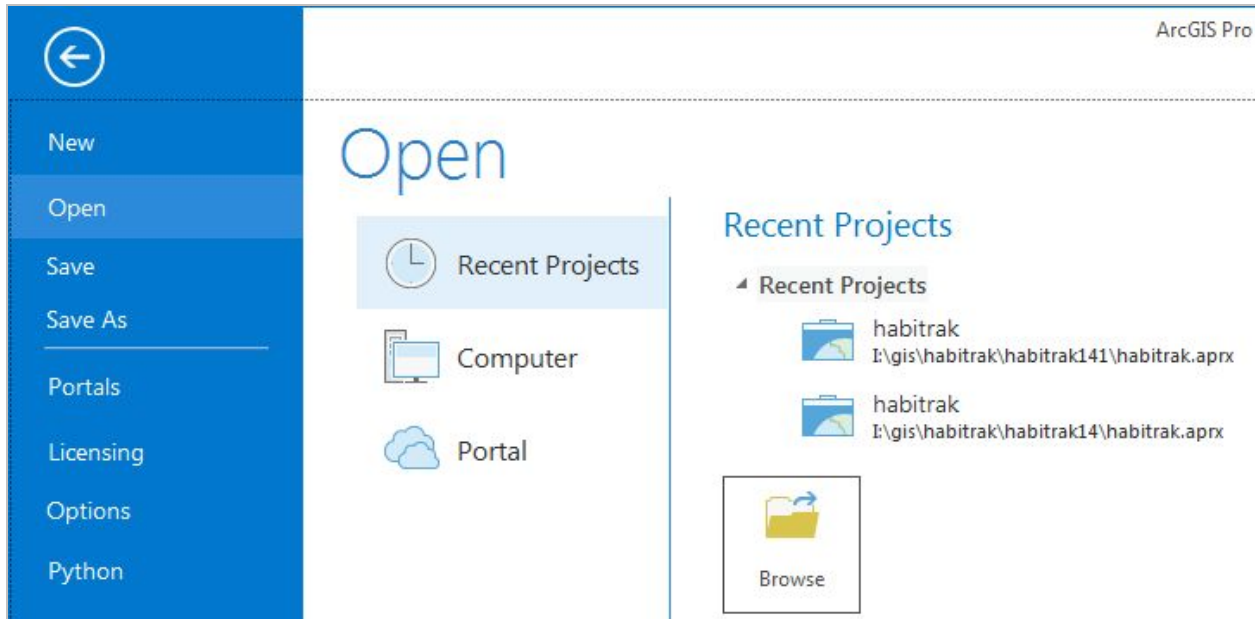
2. Unzip the *habitrak141.zip* file and put the expanded folder *habitrak141* on a drive, for example, D:\gis\habitrak\habitrak141, or under C:\Users\{username}\Documents\ArcGIS\Projects (the default location where ArcGIS saves and looks for project files) where you can access your organization's HabiTrak data that can be either in an enterprise geodatabase (ArcSDE on SQL Server) or a file geodatabase (.gdb folder) somewhere on the local network.



3. **TIP:** When you extracted the new ArcGIS Pro project from the zip file sent to you, keep the original zip file as a back up. When you are working in the Pro session, copy your local data into the Pro project so that you do not make changes that you cannot revert back if necessary to your existing database from last year. This way if something happened while trying out the new tools the first time, you can always delete the whole Pro project and workspace folder, and then start over.

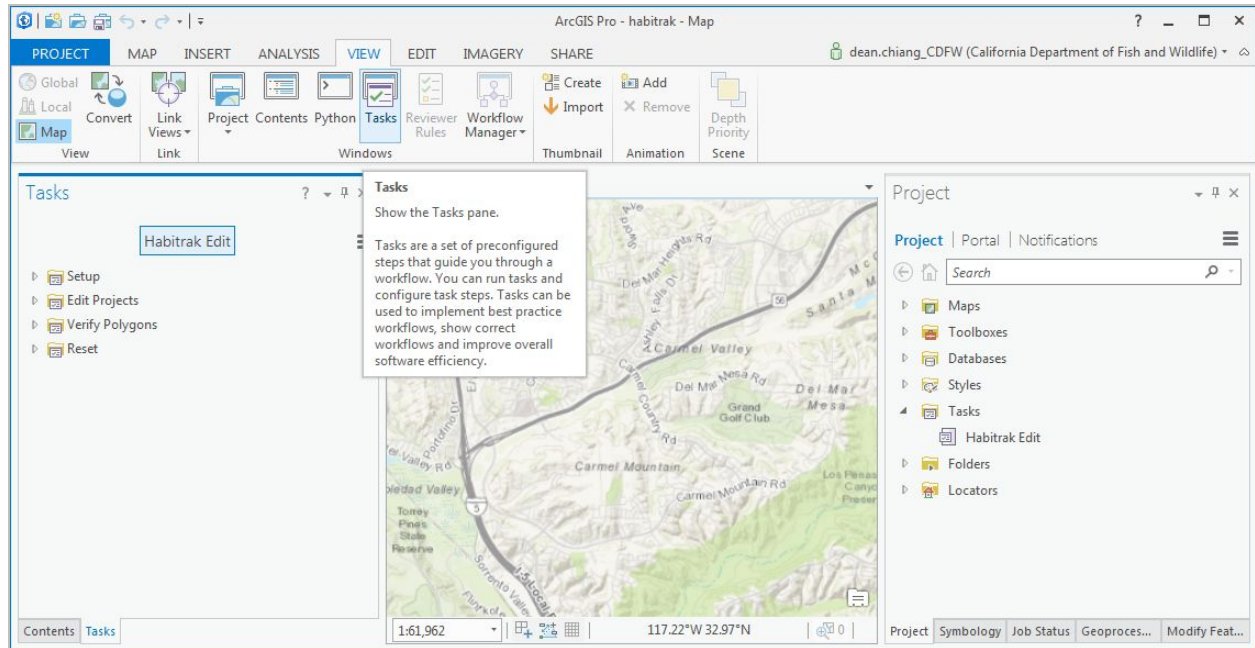
4. Open the GIS project in ArcGIS Pro

5. Open ArcGIS Pro on your desktop to open a Pro project by browsing to the *habitrak141* folder and select the *habitrak.aprx* file. ArcGIS software sometimes has issue with user just double-clicking on the APRX or MXD file to try to open the GIS project with the appropriate software.



6. Open the Habitrak Edit Task

7. In the Pro software, click on the **VIEW** ribbon or toolbar at the top, and click the **Tasks** button. This will open up the **Tasks pane**, which will bring up the **Habitask Edit** custom tasks saved in the Pro project itself. Alternatively, you can also open the custom tasks by going to the **project pane** on the right sidebar and expand the **Tasks** node and clicking on the **Habitrak Edit task item** under that node. Tasks opens in a tabbed panel docked in the left sidebar alongside Contents.

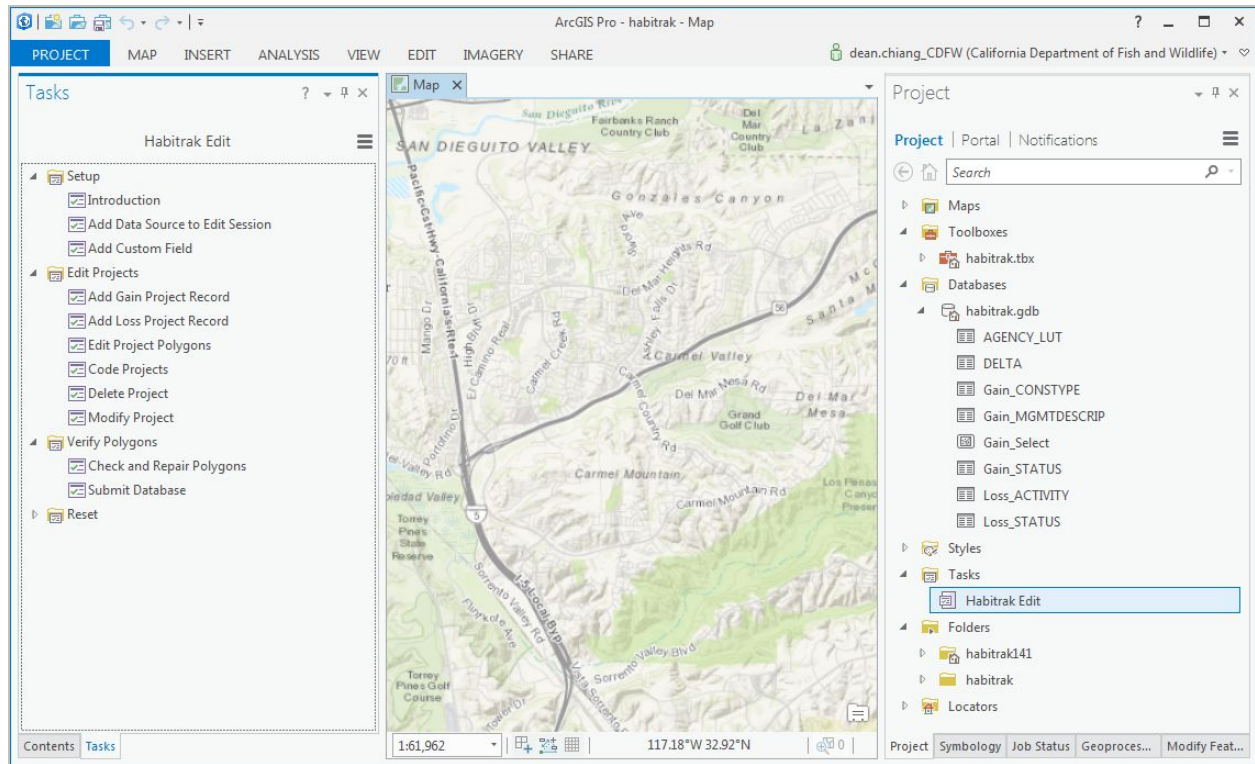


8. Note that custom Tasks are saved right in and can be passed along with the Pro project file. No extension or add-in installation necessary. Under the **Habitrak Edit task item** are specific *tasks* such as **Add Gain Project**. Similar tasks are placed together under a *task group* like **Edit Projects**. Each task can include one or more *task steps* that ask the user to perform some action or run a tool/script.

9. **Navigate the Pro project tree and task list**

10. Become familiar with the ArcGIS Pro workspace by expanding the tree nodes under the **Habitrak Edit** tasks in the left sidebar, and the **project** tree nodes under the right sidebar. ArcGIS Pro automatically recognizes objects that are associated with a Pro project and place them under their categories. The default toolbox (habittrak.tbx) and default file geodatabase (habittrak.gdb) corresponds to the same objects you will find in

Windows Explorer, and the current project folder (habitrak) is flagged as the **home** folder under Folders category. The custom tools in the habitrak.tbx toolbox are created from the Python script files that reside under the **tools** folder under the main project folder. **DO NOT remove this tools folder or the files reside under it.**

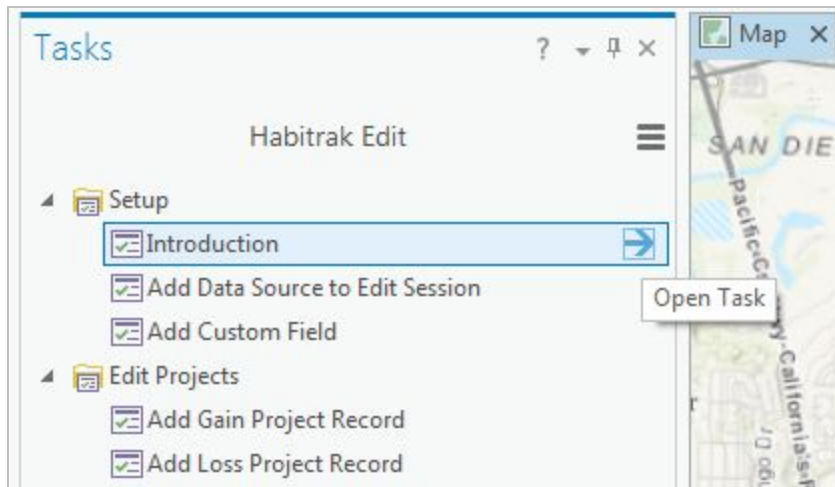


11. Set up Pro session to edit your HabiTrak data

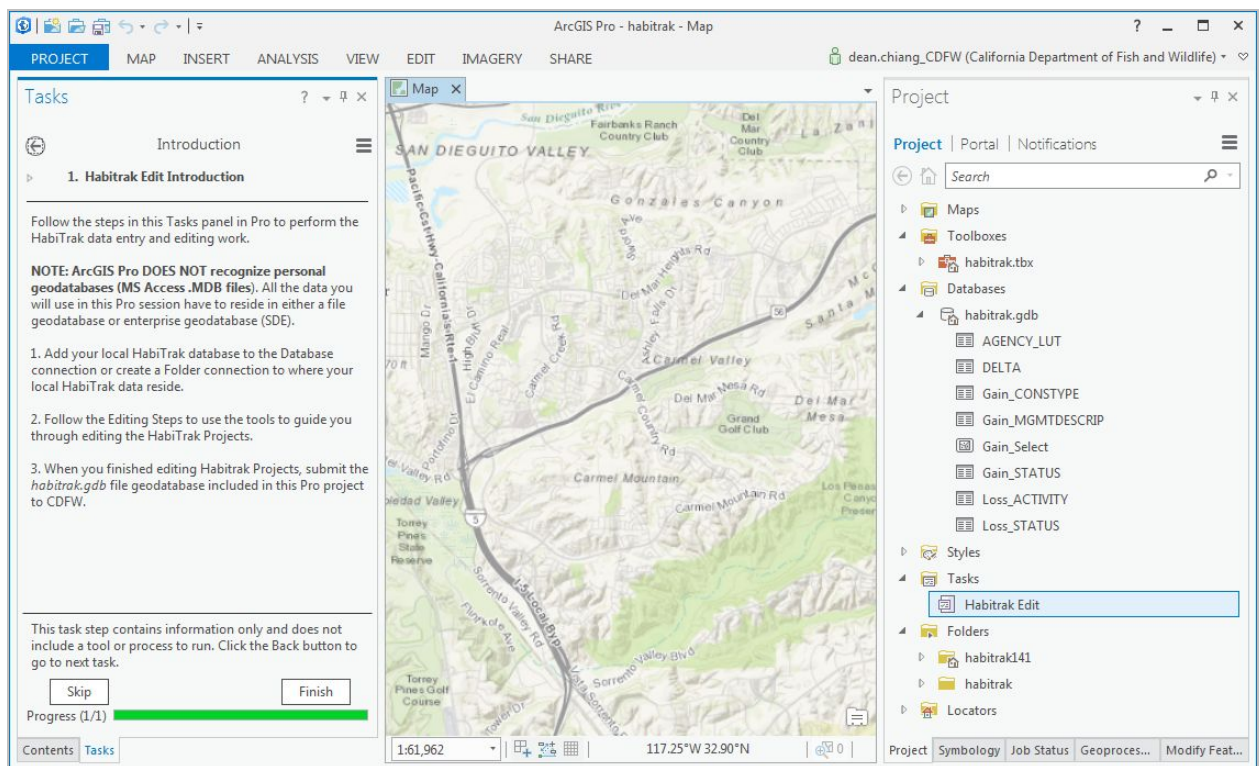
12. This guide will now proceed through the Habitrak Edit Tasks in a step by step manner to demonstrate how to use the tools for editing HabiTrak. The tasks are designed to generally follow the order with which a user might perform the data entry and edits.

1. Habitrak Edit Introduction

2. Open the Habitrak Edit **Setup task group**. Click on the right arrow of the **Introduction** task to open it.



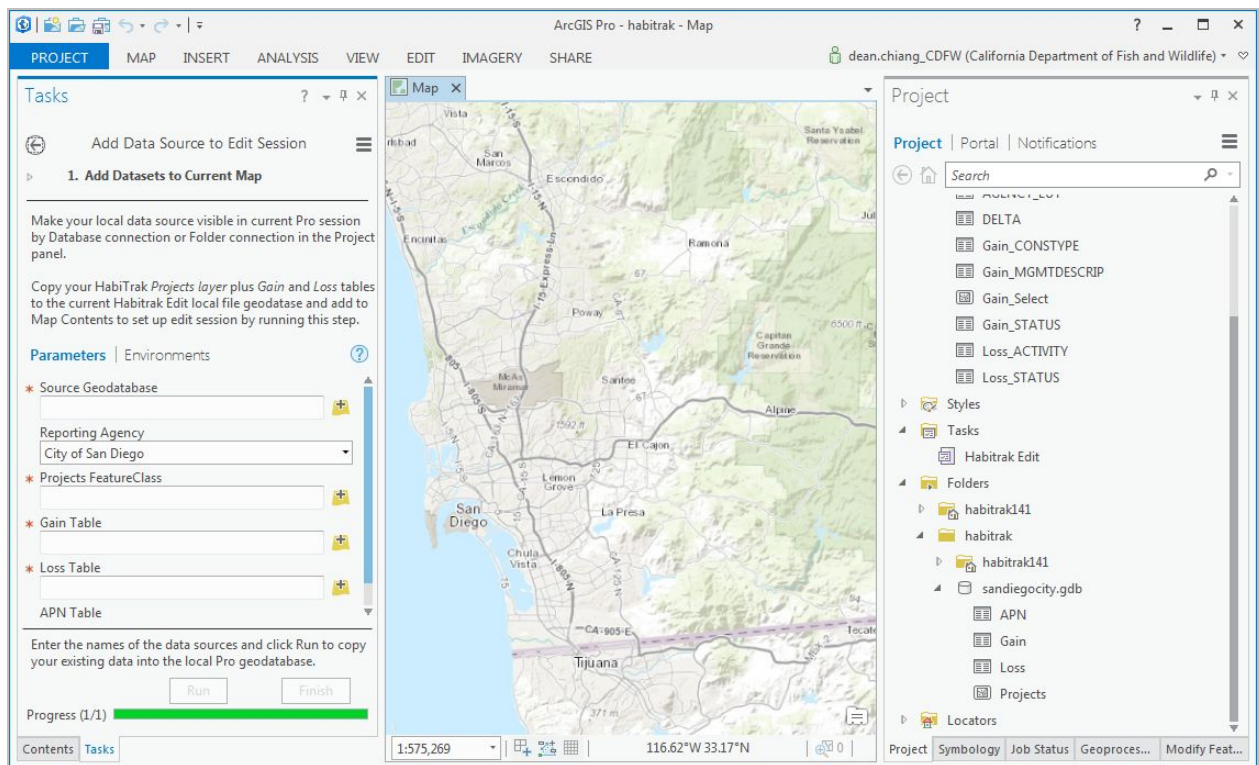
A task step may contain a required or optional procedure, or be purely instructional/ informational, like this first step that simply offers a brief explanation about how this GIS process works. When you finished reading, click the **Skip** button or **Finish** to exit the step.



3. **TIP:** You can always back out of a task step to not perform it by clicking on the back arrow button on the top left corner. You will be prompted with the message: *A task is currently in progress. Do you wish to interrupt the current task?* Just click **Yes**

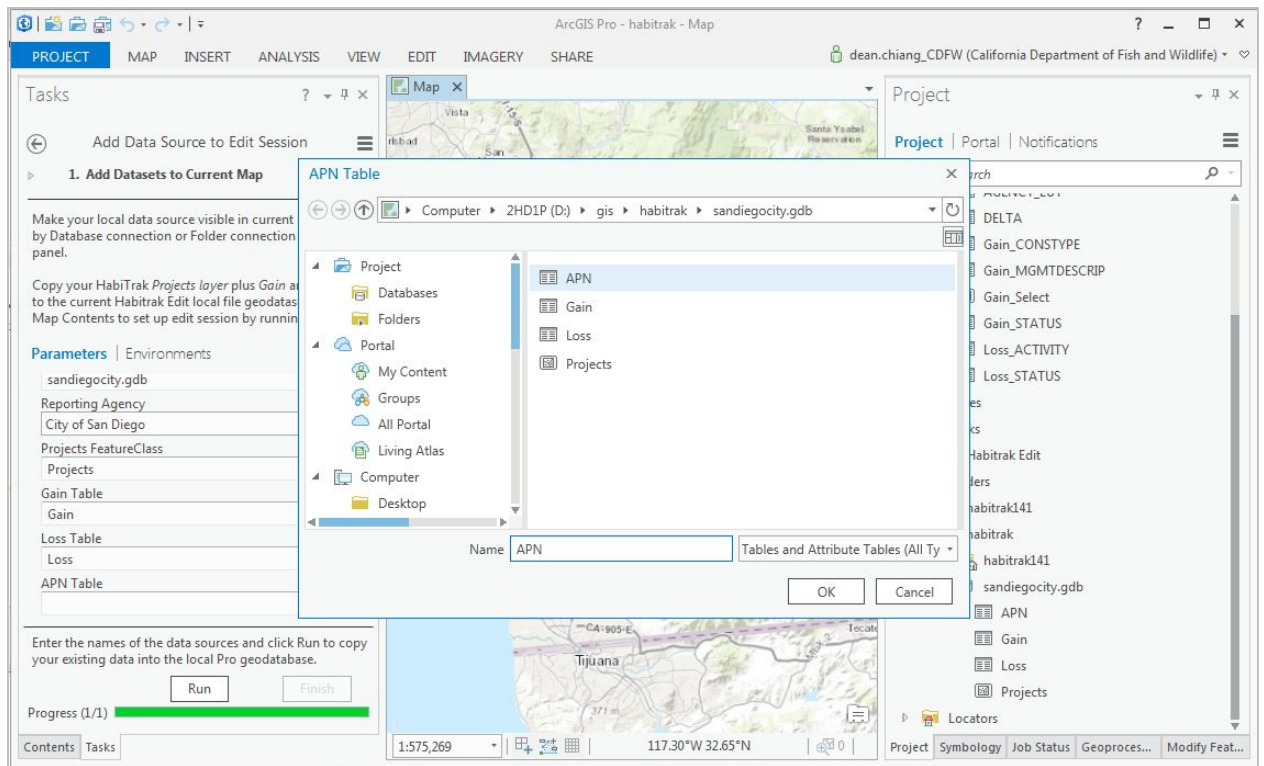
4. **Add Data Source to Edit Session**

5. **REQUISITE:** Make sure you can access the HabiTrak database of your organization from within the ArcGIS Pro session by either adding the folder where the file geodatabase resides to the project **Folders** category in the project pane or through an enterprise database connection file (.sde) under a folder. This guide uses a fictitious file geodatabase called *sandiegocity.gdb* under the parent folder of the habitrak project folder which you can see in the expanded tree view in the right sidebar.



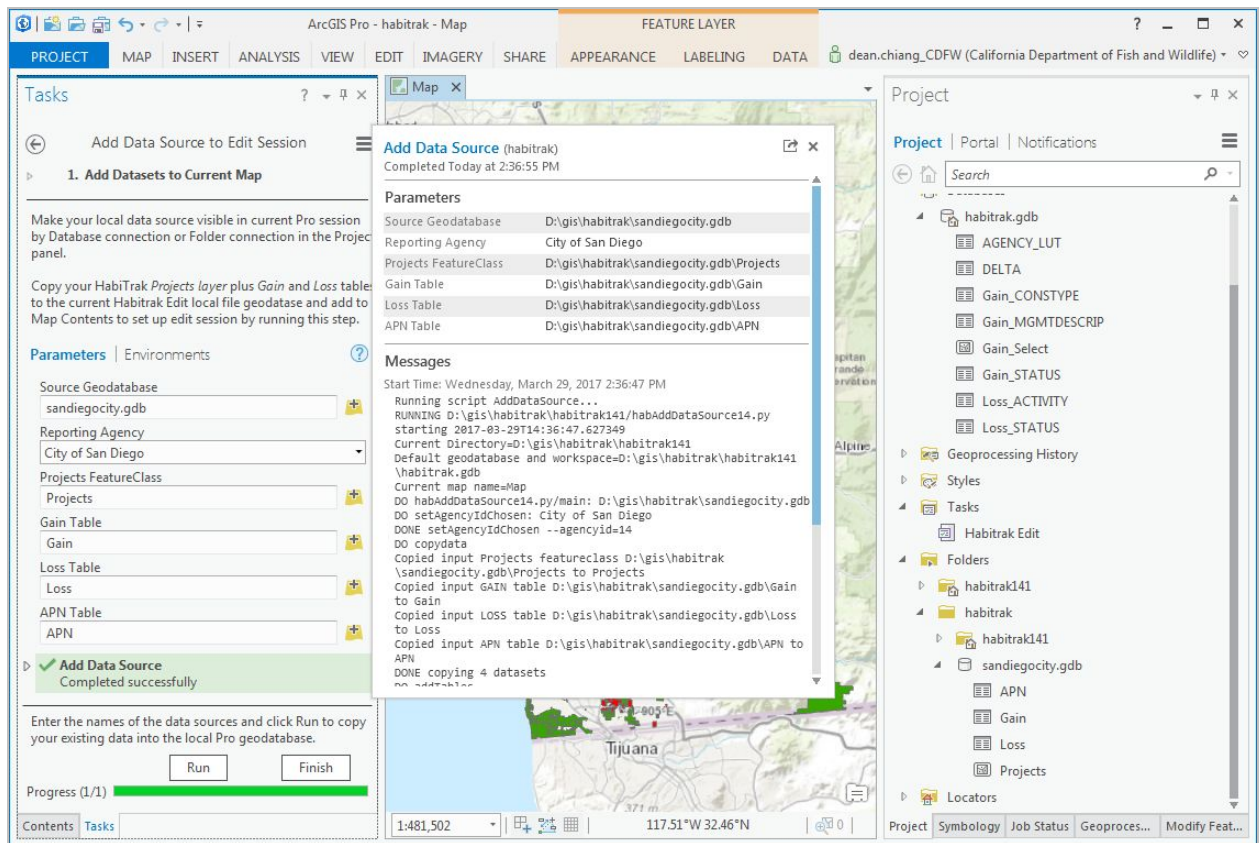
6. Your organization's HabiTrak data is the data source of the current Pro edit session. **Habittrak Edit** will copy the source data into the default Pro project database (*habittrak.gdb*) to only edit and save changes within the project workspace so that your original data is not compromised. If necessary, you can delete the entire

habitrak141 folder and start over.



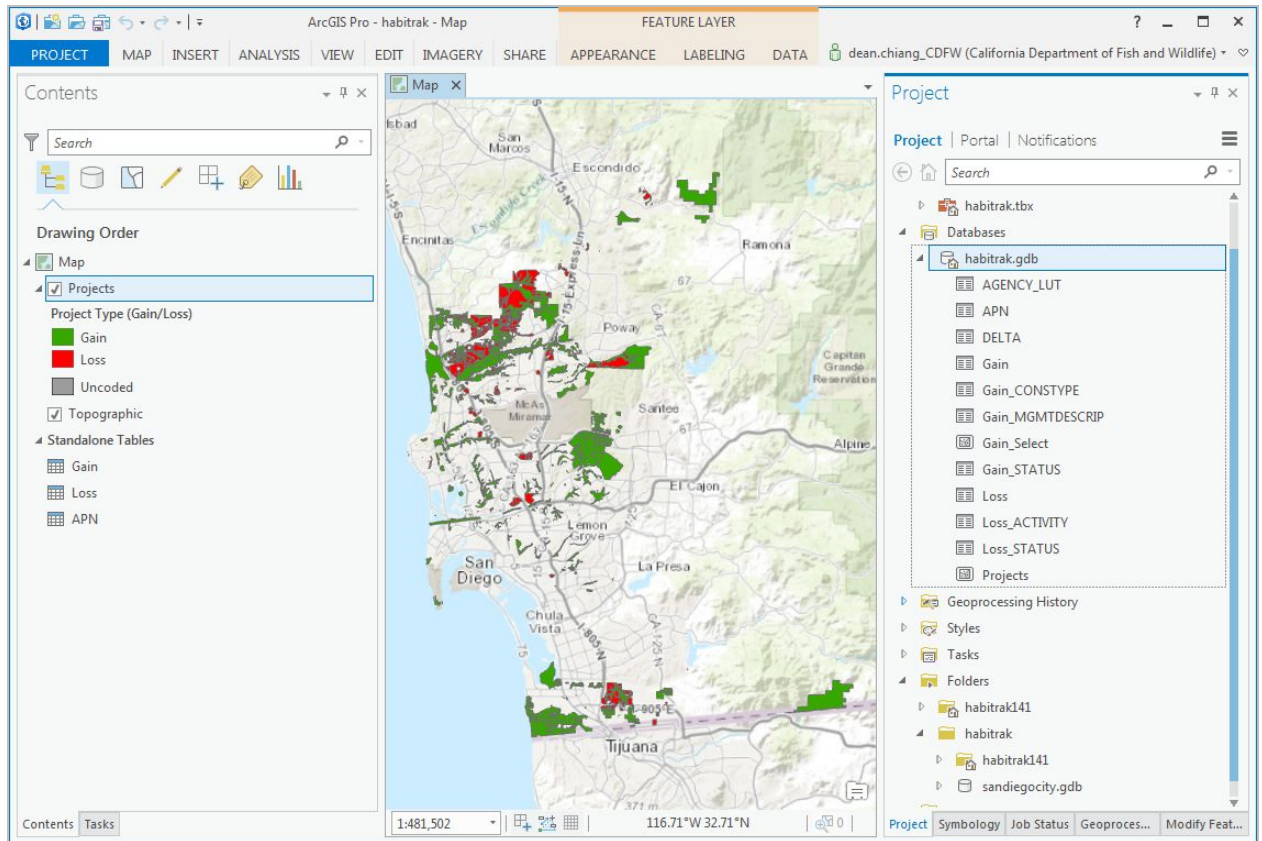
7. With your local data source identified, open the **Add Data Source to Edit Session** task, into the **1. Add Datasets to Current Map** step. Fill in the required parameters and click **Run**. If you entered only the source database but not the names of the datasets, Habitrak Edit will assume these required datasets are named by their standard names

Projects, Gain, and Loss.



8. When the Add Datasets to Current Map step is finished, the **Projects** feature class along with associated **Gain**, **Loss**, and maybe **APN** tables will be copied into the default **habitrak.gdb** file geodatabase and added to the current map contents. The Projects layer is symbolized using the

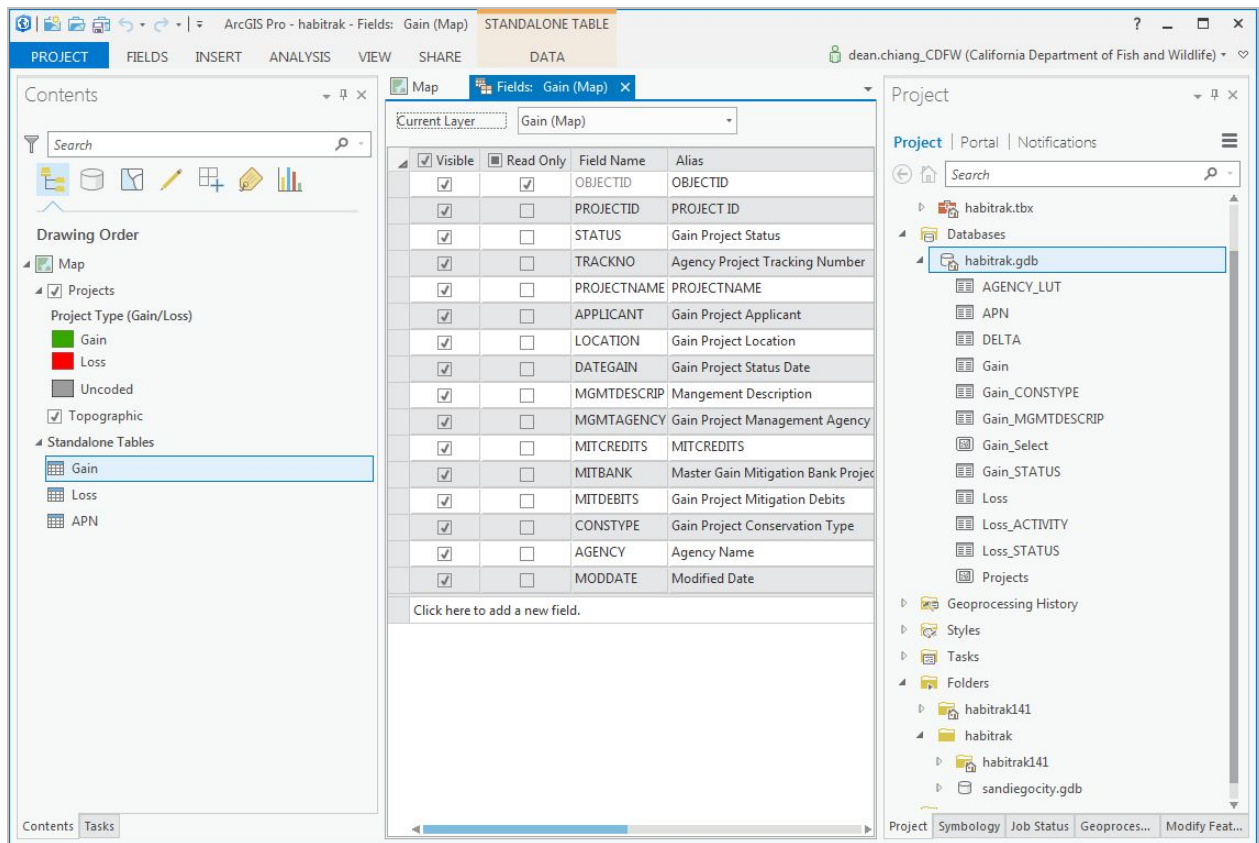
Projects.lyrx layer file included in the project.



9. Add custom field

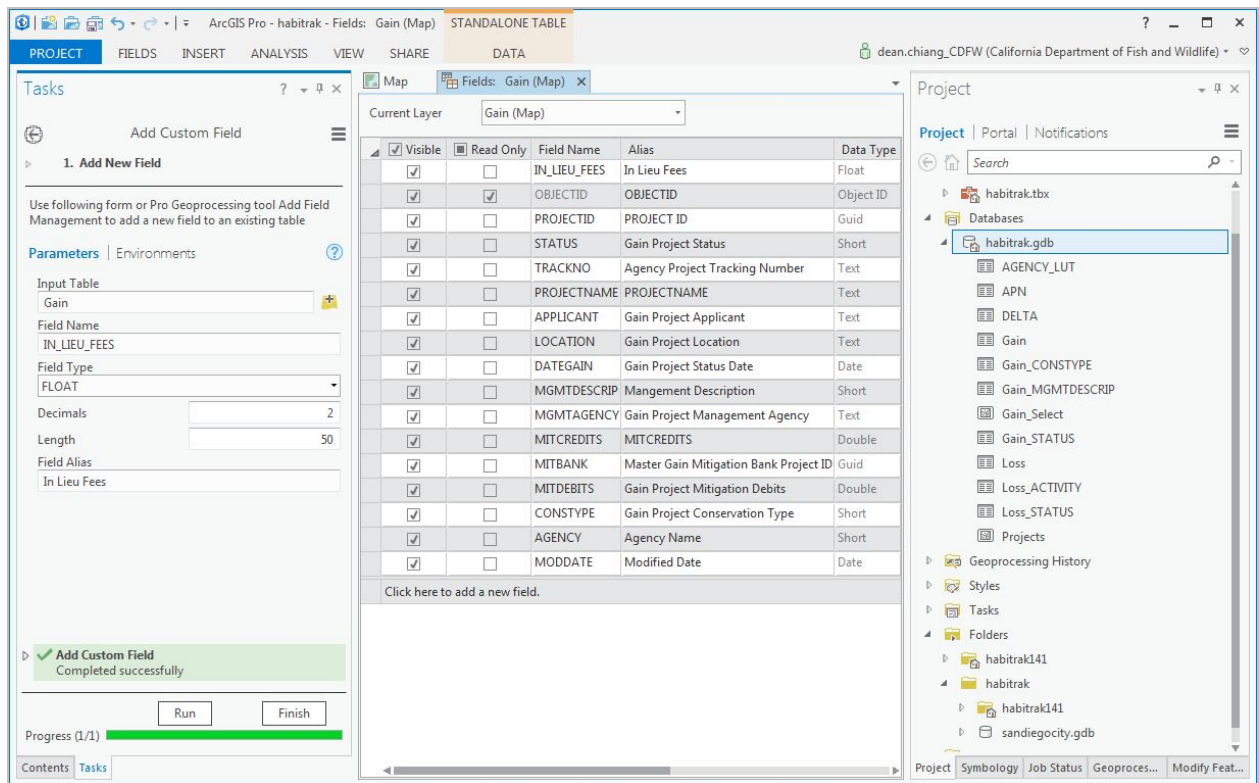
10. For the Gain Project Type, sometimes an extra field is added to record attributes not included in the original Gain table design. You can look at the attribute definitions of the table by right click and go to

Design/Fields.



11. For example, to add a new field called In-Lieu-Fees to the Gain table, use the **Add Custom Field/ 1. Add New Field** task step to add the new field *IN_LIEU_FEES*. Note that in the Design view the new field may appear above OBJECTID but when you open the actual table the new field will

appear in the last column.



13. Edit HabiTrak Projects

14. The HabiTrak database design is fairly straight-forward.

Each HabiTrak Project feature is associated with a Gain or Loss Type attribute record by the PROJECTID, which is a Globally or Universally Unique Identifier (GUID or UUID). The full attributes are stored in two separate *Type tables*, Gain and Loss. The built-in editing tools in ArcGIS Pro are easier to use and more intuitive than ArcMap, though care should still be given to perform miscellaneous manual edits on the data.

1. Add Gain Project record

2. Open the **Add Gain Project Record** task, 1. **Add Gain Project Record** step to enter the field values for a new Gain type Project attributes. Click **Run** to run the tool. When the process is completed successfully, a new record is created in the Gain table with a new PROJECTID automatically assigned. However, there is no Project geographic feature associated with this Type record yet. Click **Finish** to exit

the task step.

Tasks

Add Gain Project Record

1. Add Gain Project Record

Enter the attributes for a new Gain type Project

Parameters | Environments

Project Status: 1 Gain

Agency Tracking Number: TEST-TRACKNO-1

Project Name: TEST-PRIONAME-1

Project Applicant: TEST-APPLICANT-1

Project Location: TEST-LOCATION-1

Project Status Date: 3/29/2017

Management Agency: TEST-MGMTAGENCY-1

Management Description: 1 Federal

Master Mitigation Bank ID:

Mitigation Credits: 20

Mitigation Debits: 0

Conservation Type: 1 Acquisition

In-Lieu Fees: 10

Project APN: TEST-APN-1

✓ Add Gain Project Attributes
Completed successfully

Run Finish

Progress (1/1)

Gain

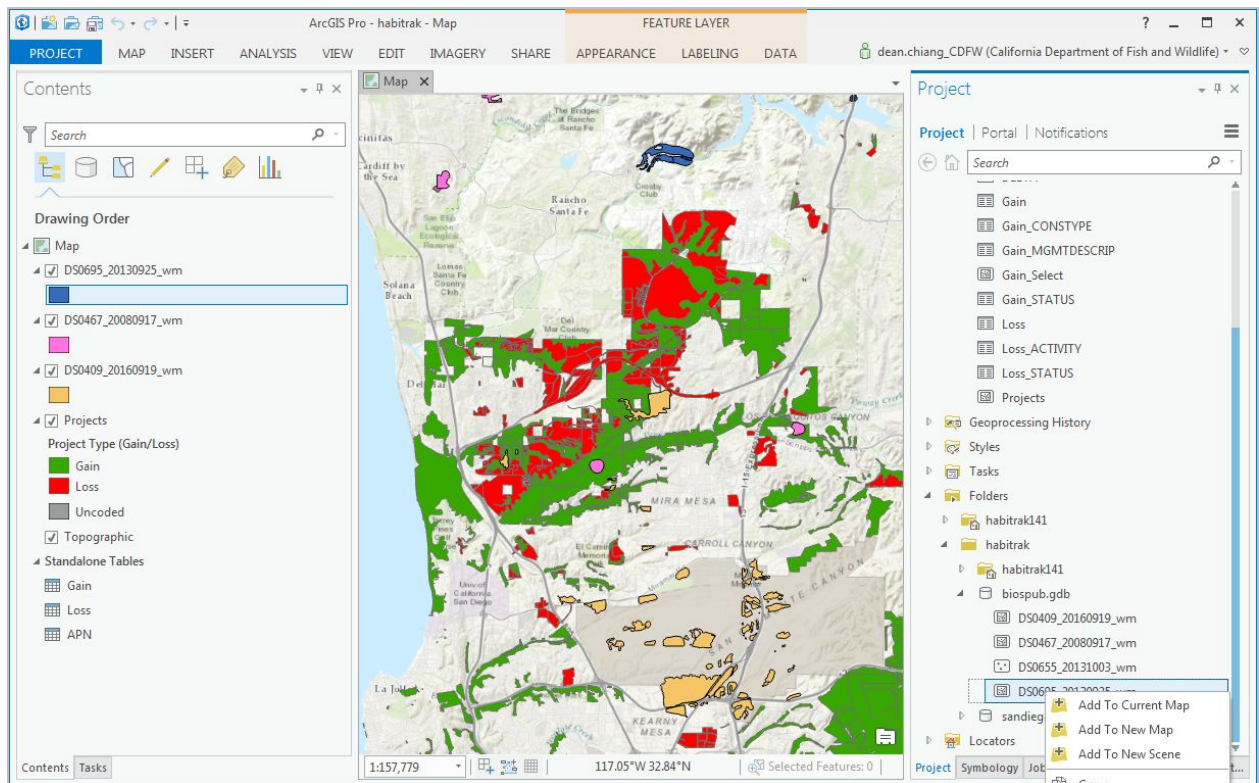
OBJECTID	PROJECT ID	Gain Project Status	Agency Project Track	PROJECTNAME	Gain Project Applicant
500	{A61C90EB-78E6-42D4-BE4-13615D7399AC}	1	14-344843-B	North Village (Phase...	Jacobs Center
501	{5728EB2A-8688-491B-BFDD-46F14E1CD875}	1	14-321859	Roberts Property	Roberts Property
502	{AD74EE67-2C12-43B3-B6F8-F50434C9A7FD}	1	14-310063-A	La Jolla Centre III	Irvine Company
503	{0AF53222-CE20-4E7E-8E9E-5A284CC355C5}	1	14-0001	Deer Canyon Environ...	Keith Rhodes
504	{989B88FC-638B-47DA-B08D-BD0D23BC4ECE}	1	14-374939	BMR NRMP Trails	City of San Diego
505	{84C40EFD-1277-4138-9DC1-04D2A8ABDFD6}	1	14-335209	PHR-The Village	Pardee
506	{0E94C976-4E35-4D87-95DD-58F343A936C9}	1	14-0002	Poway Rd Bike Path	City of San Diego
507	{15851385-3A11-4B00-AEF2-579CE421D22D}	1	14-361617-B	Civita Units G,H,I	Janay Kruger
508	{ED1ADAAE-9C9F-47DB-96E4-37ADF396D807}	1	14-361617-C	Civita Units G,H,I	Janay Kruger
509	{63DB3335-FD02-4B34-8A0E-51EA719332DD}	1	14-344060-B	Rhodes Crossing (Un...	Diane Ingram
510	{82A3C4BA-827F-4AFD-BFDF-93AC9601DF4A}	1	14-350494	Silberberger	multi
511	{E1A128AD-3EA5-44BA-ABD2-D70D40E591C7}	1	120408-B	Soledad Canyon Miti...	Sea Breeze Carmel Vi...
512	{0857273D-AA29-47B1-85CD-879BC88F806F}	1	TEST-TRACKNO-1	TEST-PRIONAME-1	TEST-APPLICANT-1

Click to add new row.

0 of 512 selected

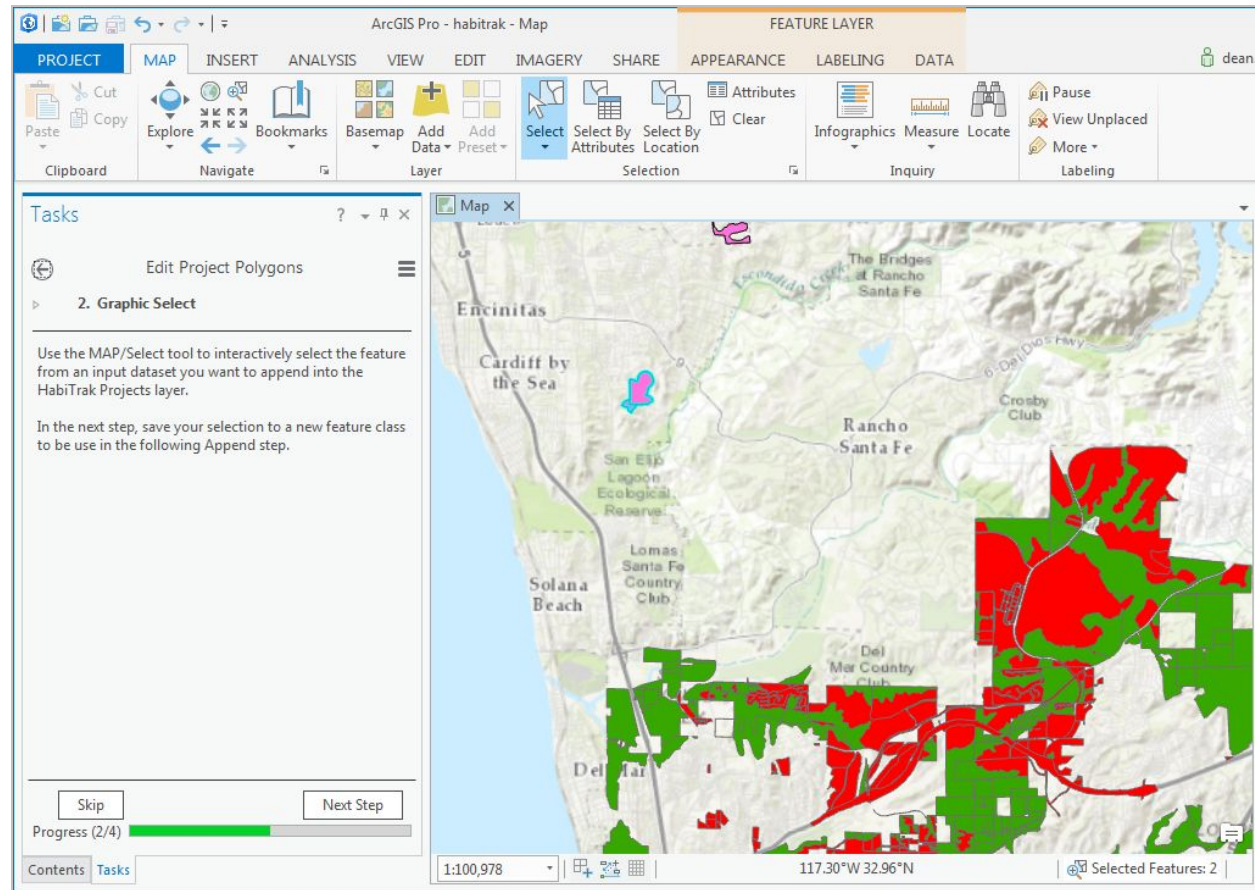
3. During Habitrak Edit session, a **DELTA** table is used to keep track of changes to the data. However the user should not need to mind the various internal tables utilized by the Habitrak Edit tasks.
4. **Add Project polygon feature**
5. **NOTE:** For editing the HabiTrak Projects feature class, the steps in this task are entirely optional. You can use any ArcGIS Pro built-in editing tool or geoprocessing tool to edit the Projects polygon features as you see fit.
6. **REQUISITE:** You should be connected to an input data source such as Parcels for the latest HabiTrak Project edits. Add the input polygon feature class to the current map. As an example we will use some dummy polygon datasets in a local

file geodatabase called *biospub.gdb*.



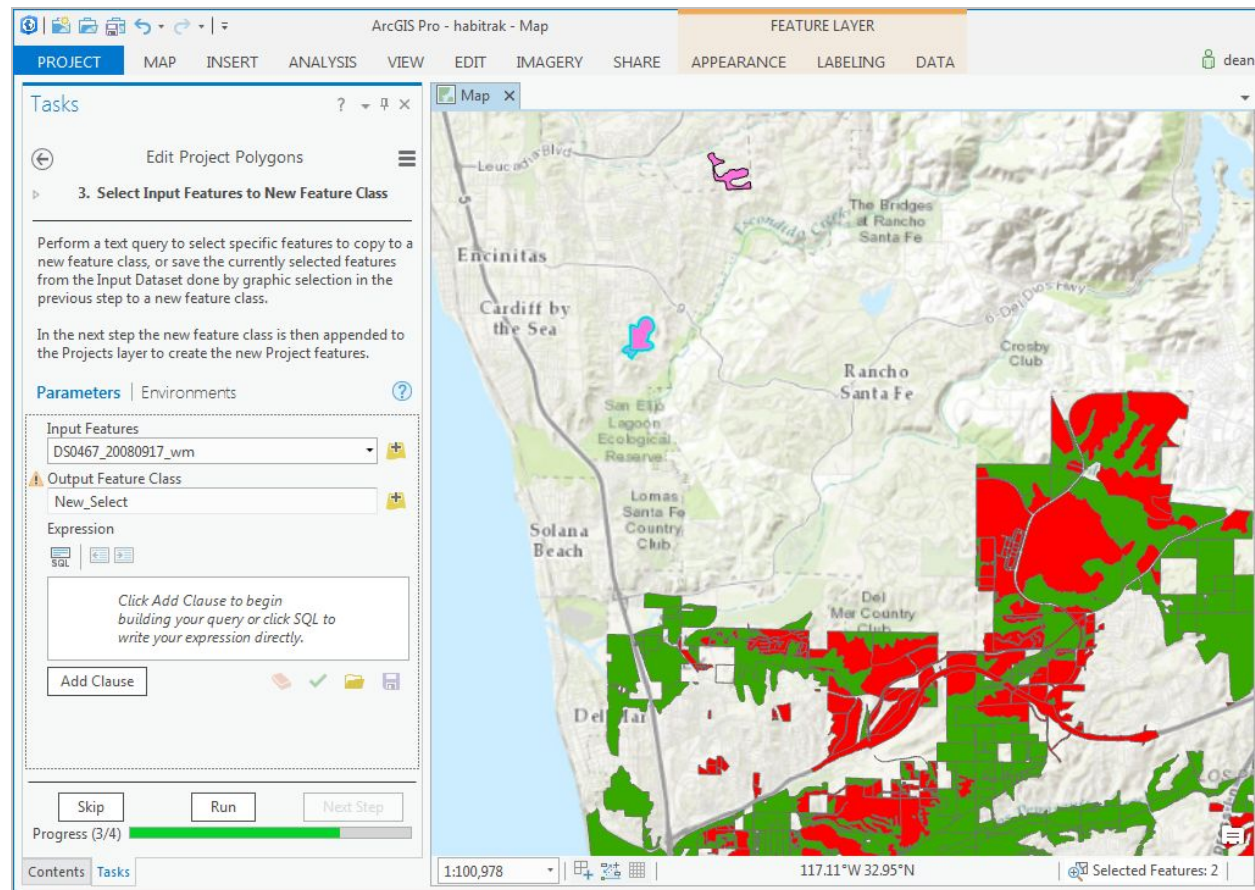
1. Open the **Edit Project Polygons** task. The **1. Edit Polygons Features** first step is an optional manual step in which you can use the Pro built-in editing tools to create new features in the Projects layer. If you are going to append a polygon feature from another feature class into the HabiTrak Projects layer, click **Skip** to go to the next step.
2. In Step 2. **Graphic Select**, use the ArcGIS Pro's **Select** tool (on the **MAP** ribbon) to select the feature from a source dataset that you want to append to the Projects layer as a new HabiTrak Project area. **NOTE: You can switch between the Tasks pane and the Contents pane while working on a task.** As an example, here we interactively selected 2 adjacent polygons from an input dataset called DS0467. Click **Next Step** to

proceed to the next step.



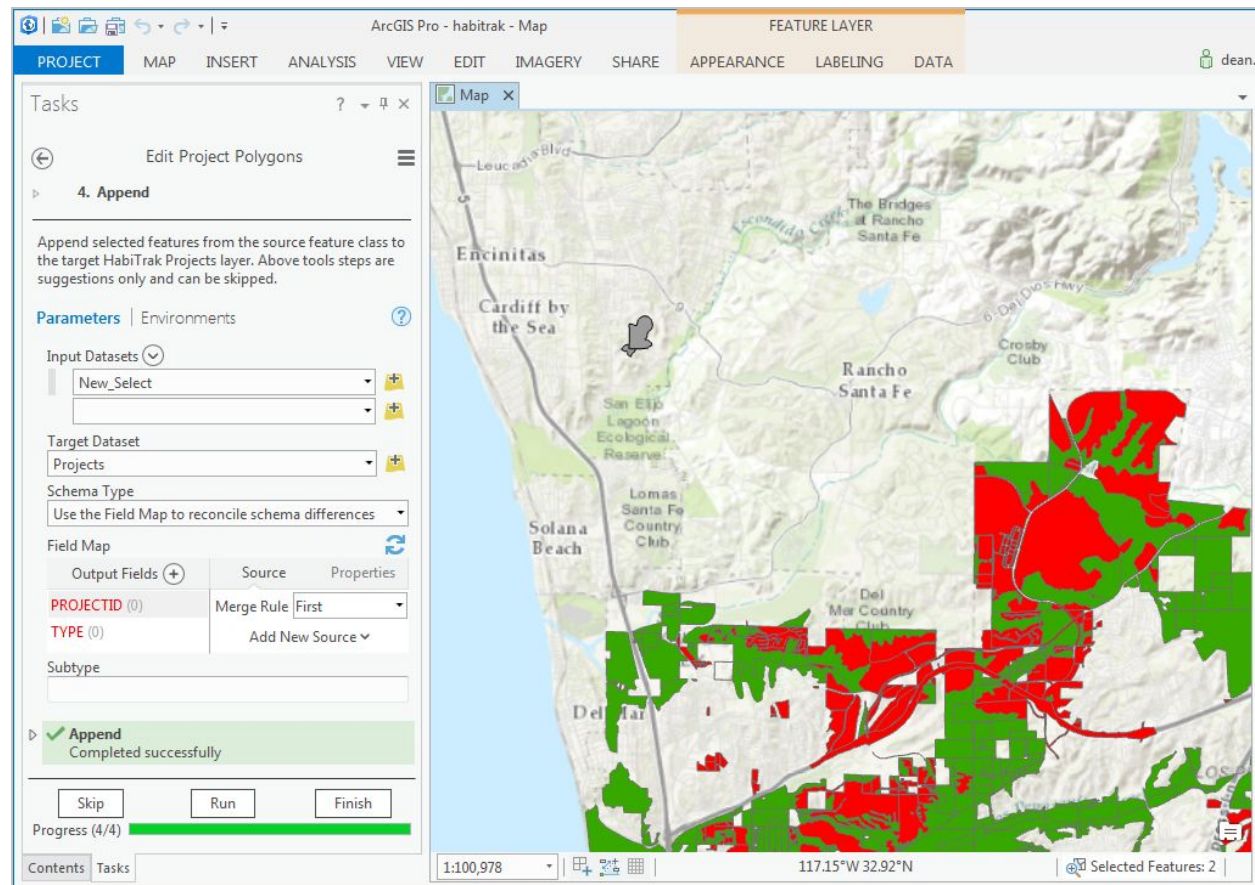
3. In Step 3. **Select Input Features to New Feature Class**, we use ArcPy Analysis **Select** tool to save the selection on the source dataset to a new feature class. For tool parameters, the *Input Features* is the the layer you have made the selection, and name the temporary *Output Feature Class* as **New_Select**, and click **Run**. When the process is completed successfully, a new feature class we named **New_Select** containing only the 2 polygons selected from the source dataset is created in the default file geodatabase and added

to Map Contents.



4. In Step 4. **Append**, append the features from *Input Dataset*: New_Select, to the *Target Dataset*: Projects. Set the *Schema Type* to "Use Field Map..." so that input attributes do not have to match the target Projects attributes. Click **Run** to do the appending. Click **Finish** to exit the task step. Note that when you switched to Contents pane and uncheck the New_Select layer, the newly appended polygons in Projects will appear in gray due to them having no values for the

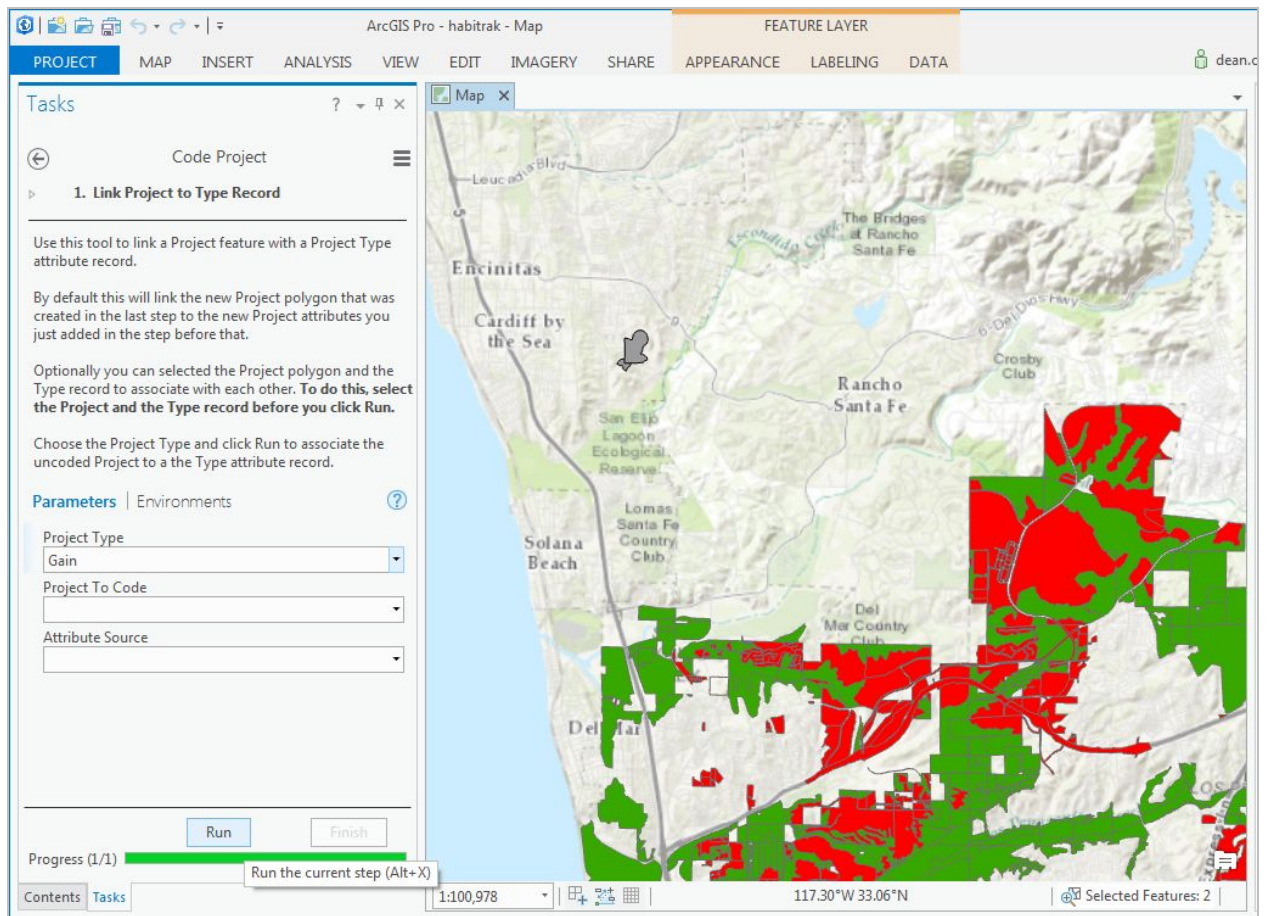
TYPE field from the source data.



7. Code Project polygon to a Type record

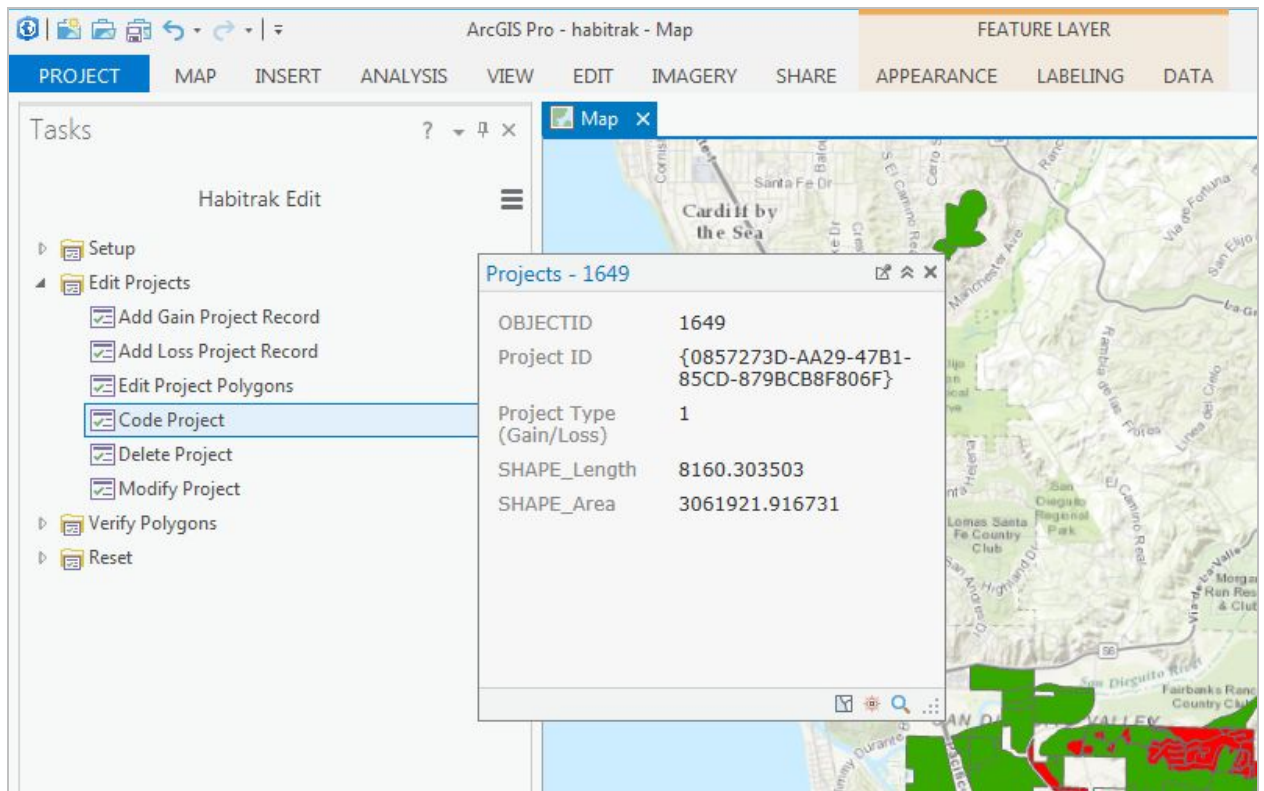
8. Once you have added a new Project Type record and a new Project feature, you need to perform a Code Project task to link an uncoded (without PROJECTID) Project feature to a Project Type attribute record.
9. Open the **Code Project/** task, 1. **Link Project to Type Record** step. Pick the *Project Type* as 'Gain' since we did the Add Gain Project Record task before we appended a new Project feature. By default this will link the new Project polygon(s) that was created in the last step to the new Project Type attributes you created in the step before that. Choose the Project Type and click **Run** to associate

the uncoded Project to its Type record.



10. Optionally you can specifically selected the Project polygon and the Type record to associate with each other. To do this, first select the Project and the Type record (use the MAP/Select tool to highlight the feature and table record). Then set the *Project To Code* parameter to *Selected Feature* and set *Attribute Source* to the *Selected Record* option. Then click **Run**.
11. When the task is finished, the previously uncoded Project polygon will have new PROJECTID and TYPE assigned and is associated to the Gain table record of the same PROJECTID. **TIP:** The Map view in ArcGIS Pro does not always immediately reflect the changes in features already displayed on the Map. So the newly appended Project polygons may still appear gray (missing valid TYPE) when the task is finished. To refresh the Map view, Right click on the Project layer item in Contents and do Zoom To

Layer.



12. **Add Loss Project**

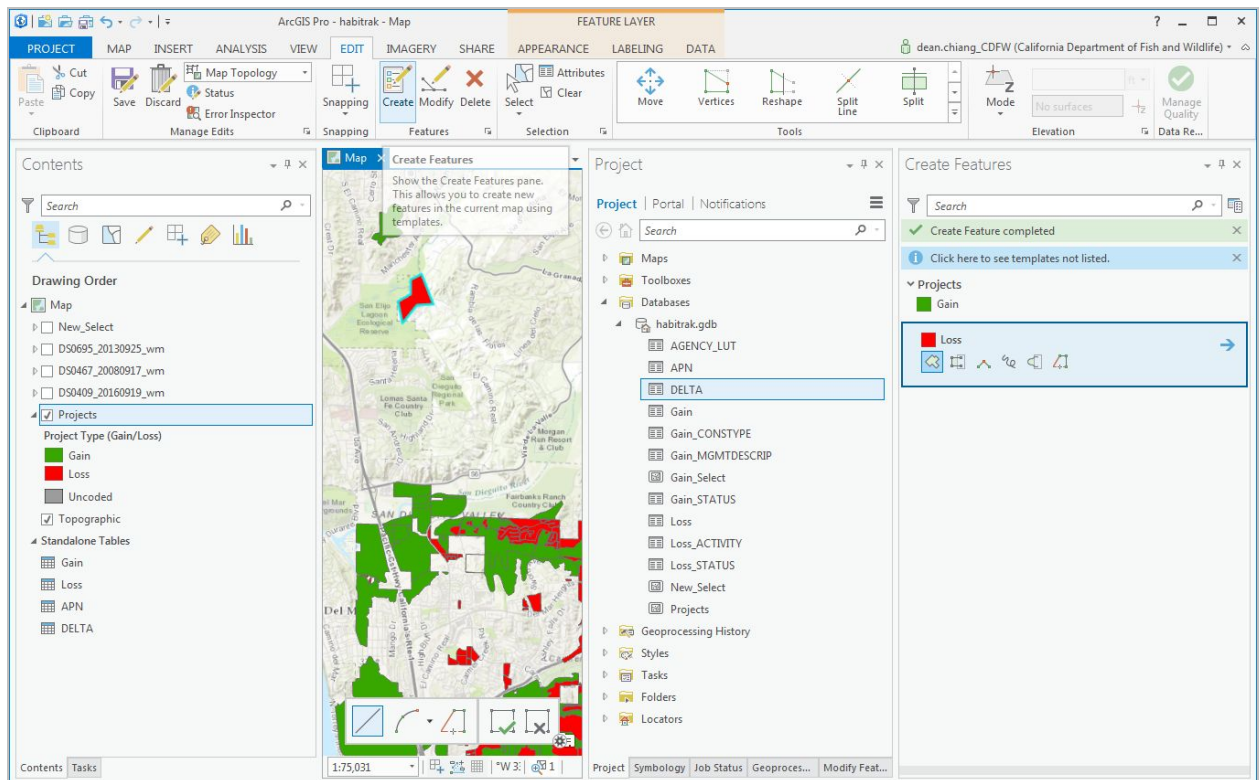
13. The steps for adding a new Loss Project are the same as adding a new Gain Project, except you start with the **Add Loss Record** task 1. **Add Loss Type Record** step to enter attributes specific to Loss Project Type. Click **Run** to add a new record to the Loss table after you have entered all

the necessary attributes.

Field:	Add	Delete	Calculate	Selection:	Zoom To	Switch	Clear	Delete
PROJECTID								
Loss Project Status								
Agency Tracking Nur								
Loss Project Name								
Loss Project App								
BC-409A-BD1B-9FAEB59CD8E1				1	14-209682	Rancho Valley Farms	Patrick Emanuel	
C4-43EA-A497-ED89831D3C5F				1	14-344060	Rhodes Crossing (Un...	Diane Ingram	
298-4FAE-912F-5AF7F4771038				1	14-342478	Khouli Residence	Khouli	
3C-42FA-BA72-98FE85AB08F3				1	14-344843	North Village (Phase...	Jacobs Center	
22F-4E59-AFEB-22C82C10080E				1	14-321859	Roberts Property	Roberts Property	
CC-43E0-AAA3-960A725615BF				1	14-310063	La Jolla Centre III	Irvine Company	
CE-4571-BD75-6DD43EA8BC09				1	14-201319	Quarry Falls (Unit A)	Janay Kruger	
3B0-4103-B0F1-4B5229995CCD				1	14-329778	PHR Units 23-28	Pardee Homes	
0D3-4977-8D0A-07B115A66419				1	14-274240	Kaiser Ruffin rd	RBF	
1B2-4A6A-A117-F1B10315D573				1	test-trackno-2	test projname loss2	test loser	
246-4B5C-9803-C399FFEC6444				1	TEST-TRACKNO-2	TEST-PROJNAME-2	TEST-APPLIC-2	

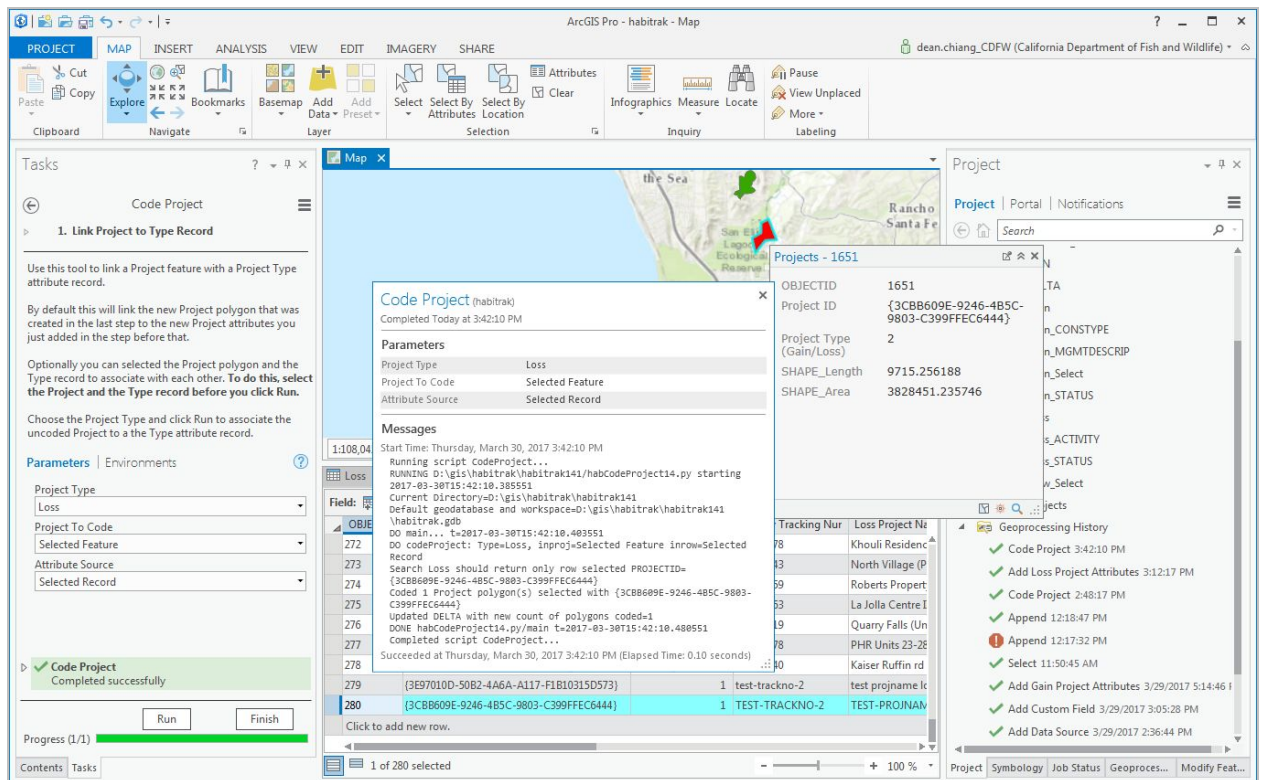
14. Then perform the **Edit Project Polygons** task to add the geographic feature that will be the new Loss Project. For the sake of demonstration, we can use the **EDIT** toolbar in ArcGIS Pro to digitize a new polygon feature in Projects. With the Projects layer highlighted in Contents pane, click on **EDIT/Create**. This will bring up a **Create Features** template in the right sidebar. Click on Loss feature type and use the mouse to digitize a new polygon on the map. ArcGIS automatically assign the new polygon TYPE field value to 2 corresponding with Loss type, but a new PROJECTID GUID is not automatically assigned. Save your

edit by clicking **EDIT/Save**.



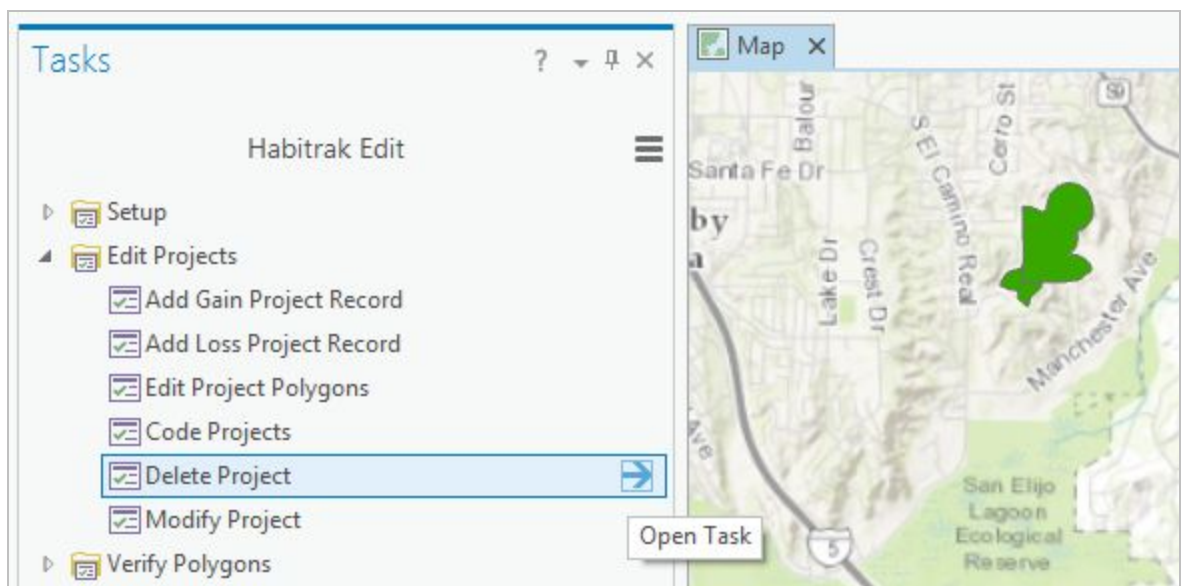
15. Finally associate the newly created uncoded Loss Project polygon to the newly created Loss table record by running the **Code Project** task. This time you can try setting the optional parameters *Project To Code* and *Attribute Source* values to **Selected**. Make sure you have both the upcode new Project polygon and the new Loss type record selected (highlighted). Then click Run. When finished, the newly digitized Loss Project should be coded to the PROJECTID of

the newly added Loss Type record.



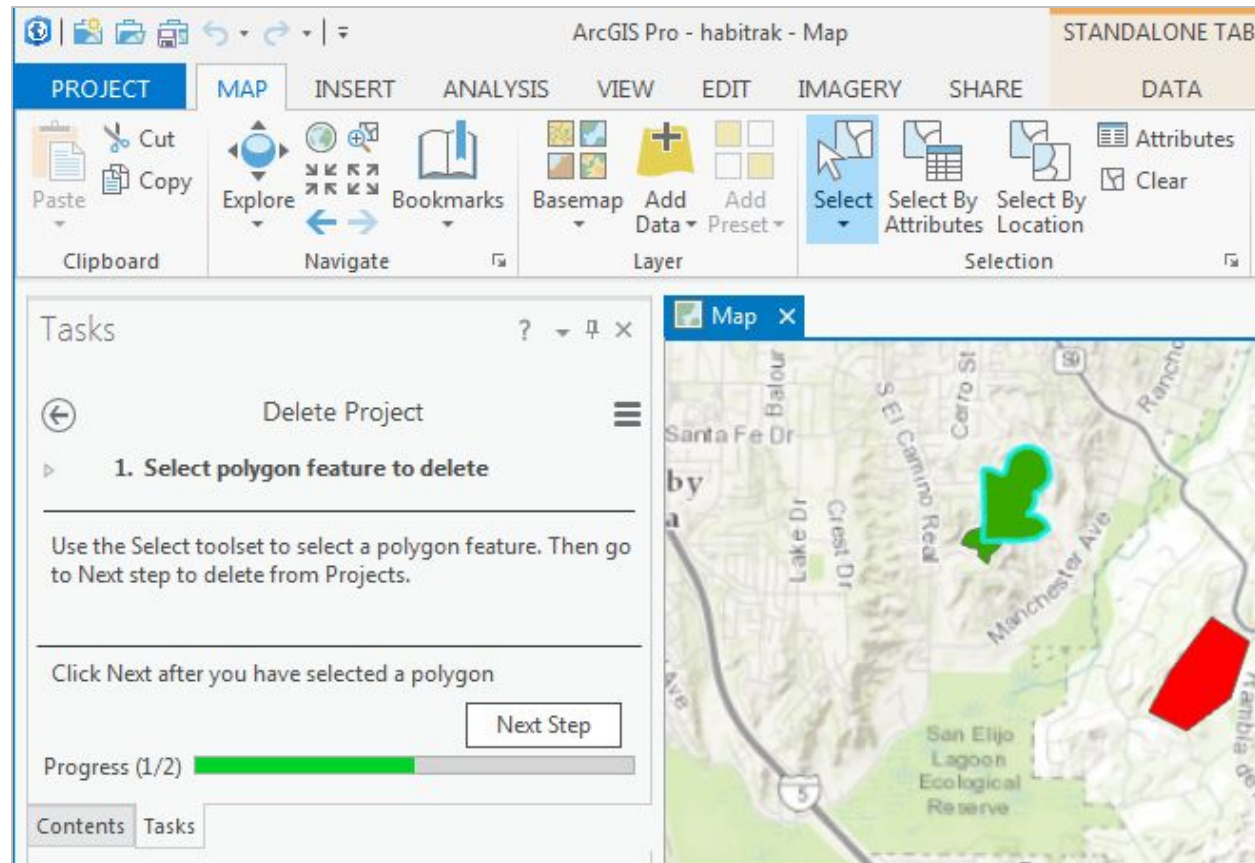
16. Delete Project

17. To delete a Project feature or associated attributes, open the Delete Project task and follow the steps below.



1. Select a polygon feature to delete

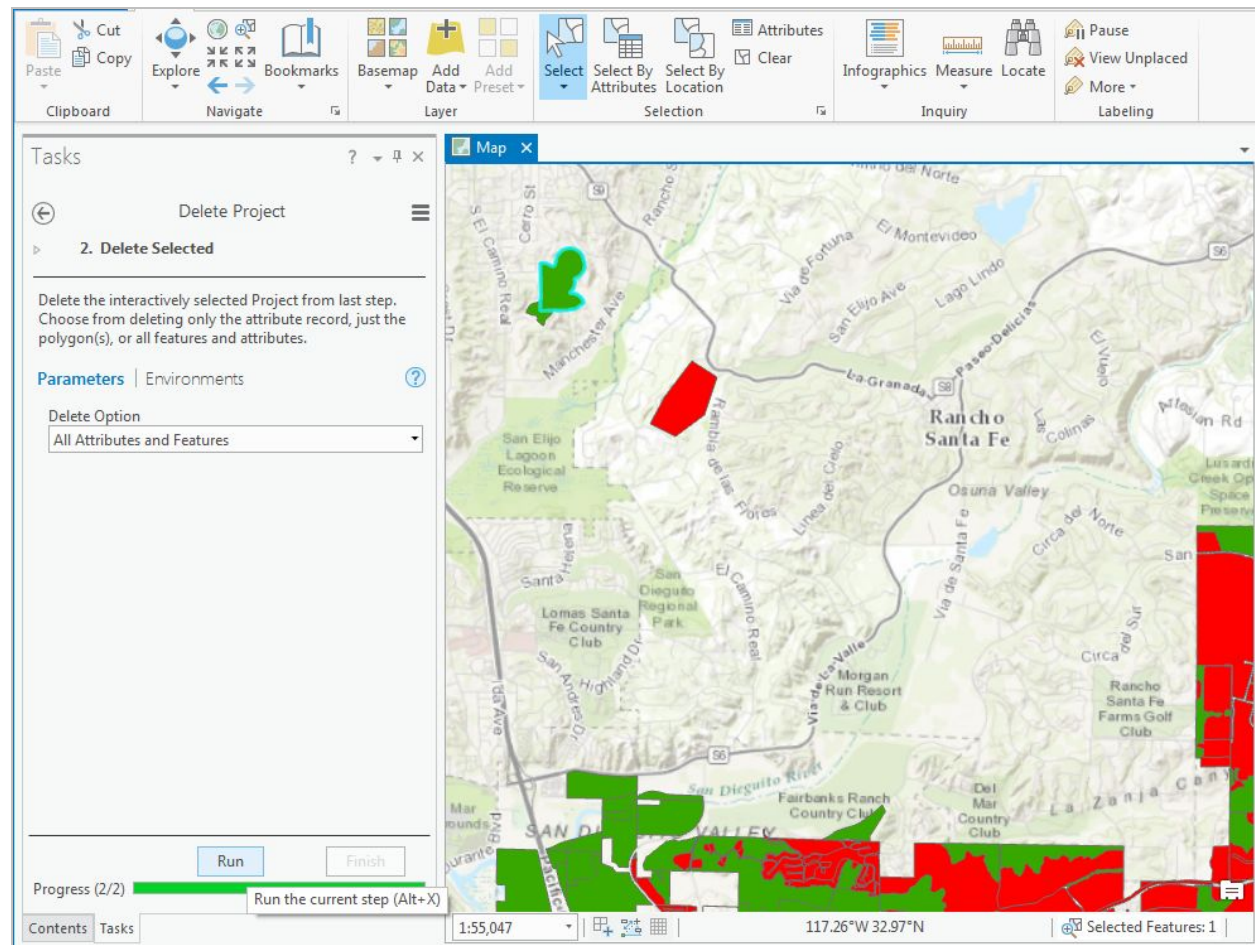
2. Manually select a Project polygon and then click Next Step



3. Delete selected project

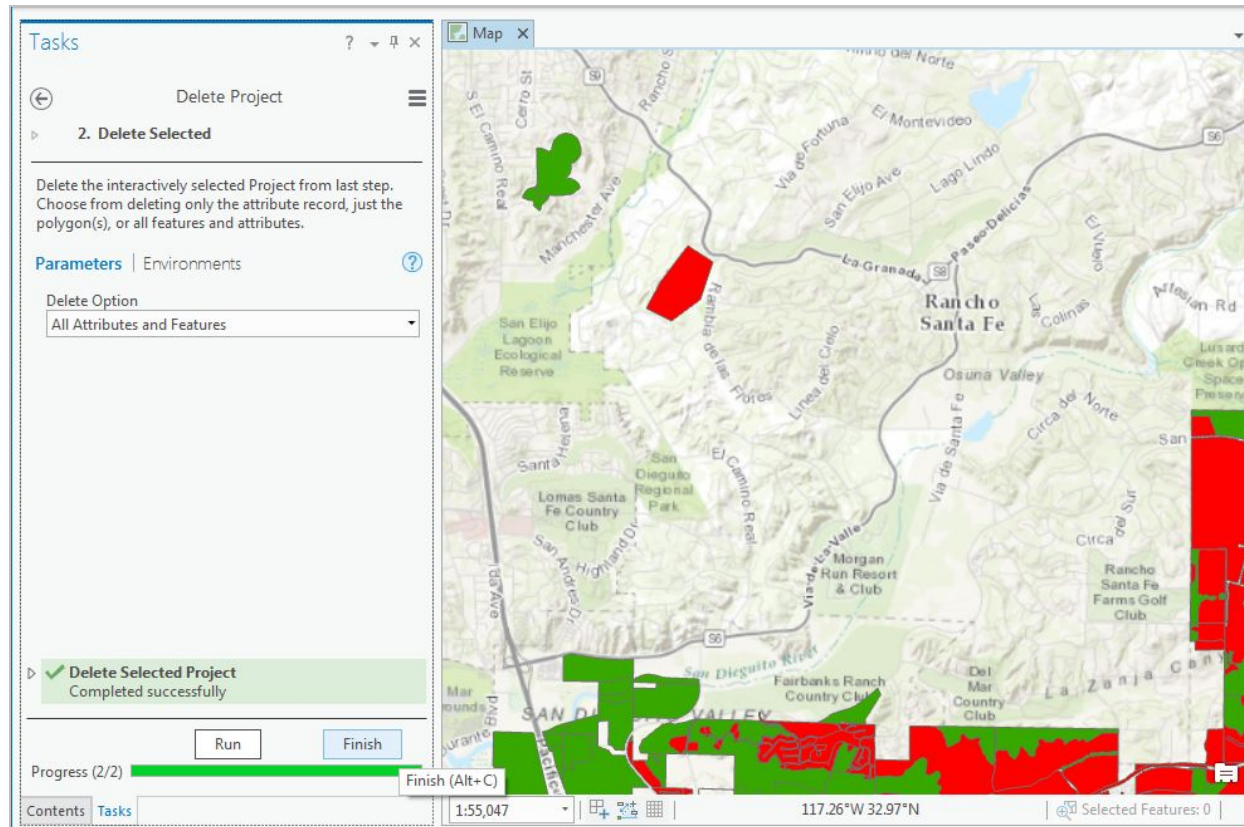
4. Choose from the *Delete Options* to either delete *All Attributes and Features* or *Polygons only*. Then click **Run**. **WARNING:** If a HabiTrak Project contains more than one polygon, all polygons will be deleted. By default

the associated Type record will also be delete.



5. When the task step has finished running the Map view often does not reflect the changes to the feature layer. Although you can see the Status bar displays that Selected Features: 0. Click **Finish** to exit the

task step.

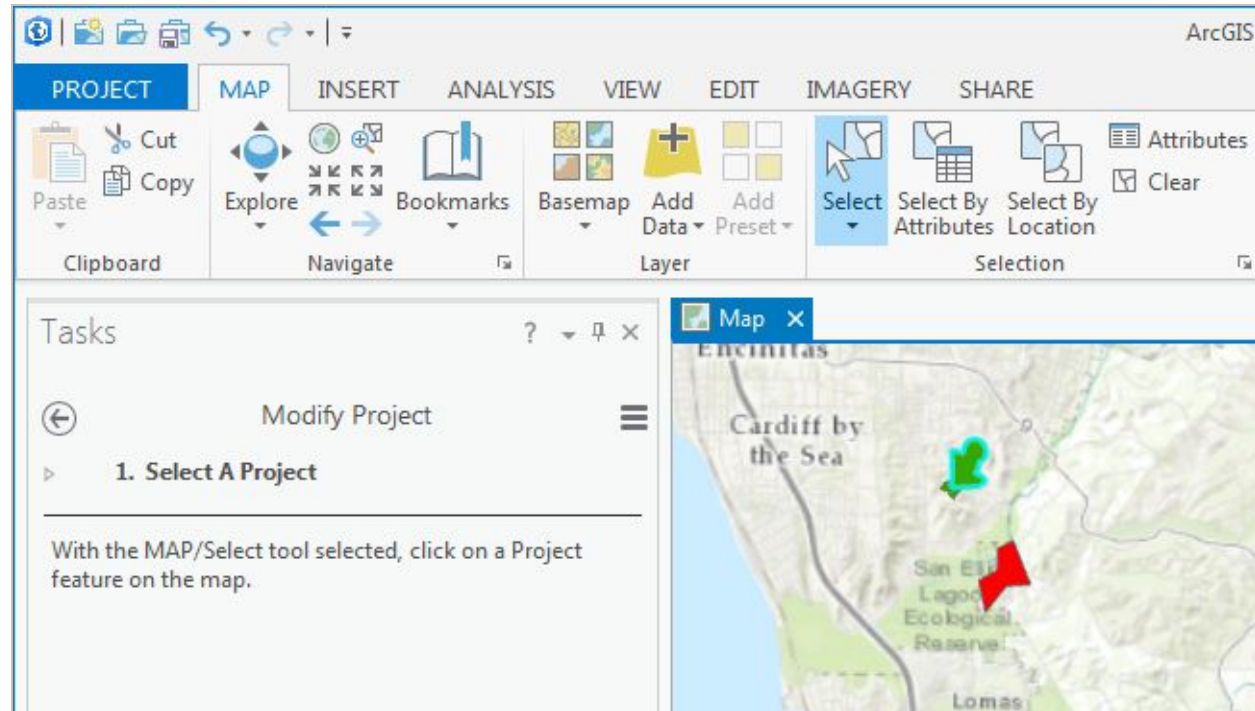


18. **Modify Project**

19. To modify a Project associated attributes, open the **Modify Project** task and follow the steps below. This guide will only cover changing or updating a Project's attributes, and not include possible sophisticated editing on the polygon features.

1. **Select A Project**

2. Interactively select a Project polygon to modify the Project attributes.



3. **Modify Selected Project**

4. This tool includes all editable fields from both Gain and Loss tables. Enter the field values to be updated or modified. Fields not applicable to the Project Type will not be applied. Fields left blank will not be altered. If a Project's Type is not changed, only updated attribute values will be applied to the existing record. Click **Run** to perform the update. When finished, the Type record attribute where changes are

made will be reflected in the table.

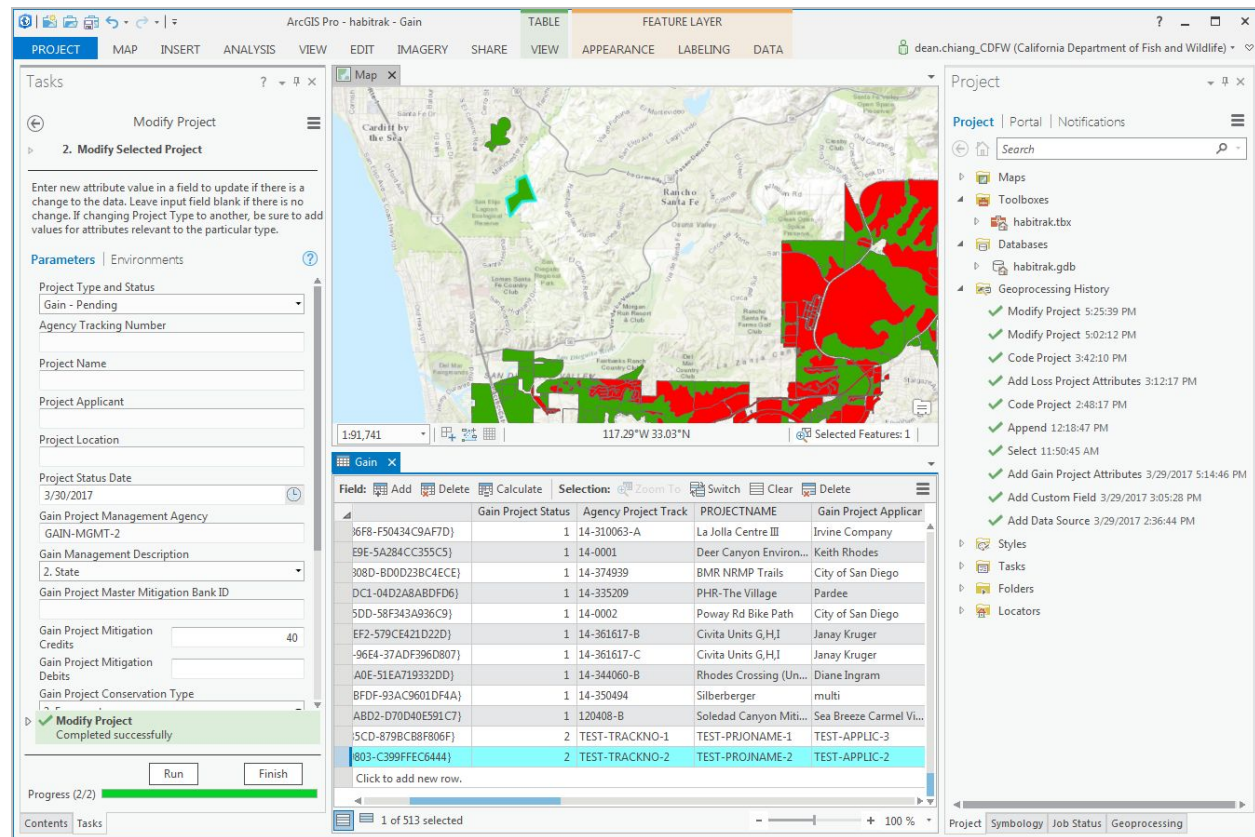
The screenshot shows the ArcGIS Pro interface with the 'Modify Project' task active. The map displays a geographical area with various features, including 'Encinitas', 'Cardiff by the Sea', 'Solana Beach', 'Rancho Santa Fe', and 'The Bridges at Rancho Santa Fe'. A red polygon highlights a specific area on the map. The 'Gain' table is visible, showing project details.

Project Status	Agency Project Track	PROJECTNAME	Gain Project Applicar
1	14-321859	Roberts Property	Roberts Property
1	14-310063-A	La Jolla Centre III	Irvine Company
1	14-0001	Deer Canyon Environ...	Keith Rhodes
1	14-374939	BMR NRMP Trails	City of San Diego
1	14-335209	PHR-The Village	Pardee
1	14-0002	Poway Rd Bike Path	City of San Diego
1	14-361617-B	Civita Units G,H,I	Janay Kruger
1	14-361617-C	Civita Units G,H,I	Janay Kruger
1	14-344060-B	Rhodes Crossing (Un...	Diane Ingram
1	14-350494	Silberberger	multi
1	120408-B	Soledad Canyon Miti...	Sea Breeze Carmel Vi...
2	TEST-TRACKNO-1	TEST-PRJNAME-1	TEST-APPLIC-3

The 'Modify Project' task panel on the left shows the 'Project Type and Status' dropdown set to 'Gain - Pending'. The 'Project Name' is 'TEST-APPLIC-3'. The 'Project Status Date' is '3/30/2017 4:59:25 PM'. The 'Gain Project Management Agency' is '3. Local'. The 'Gain Management Description' is '3. Local'. The 'Gain Project Master Mitigation Bank ID' is blank. The 'Gain Project Mitigation Credits' is blank. The 'Gain Project Mitigation Debits' is blank. The 'Gain Project Conservation Type' is blank. The 'Modify Project' button is highlighted, and the status 'Completed successfully' is shown.

5. If a Project's Type is changed, indicated by change in the parameter *Project Type and Status*, the user should enter all the necessary attributes required by the Project Type. Modifying the Project Type will delete the record from the original Type table and add a new record to the switched Type table. For example, here a Loss Project is converted to a Gain project. Click **Run** to make the change. When finished, refresh the Map

view by Zoom To Layer on Projects again.



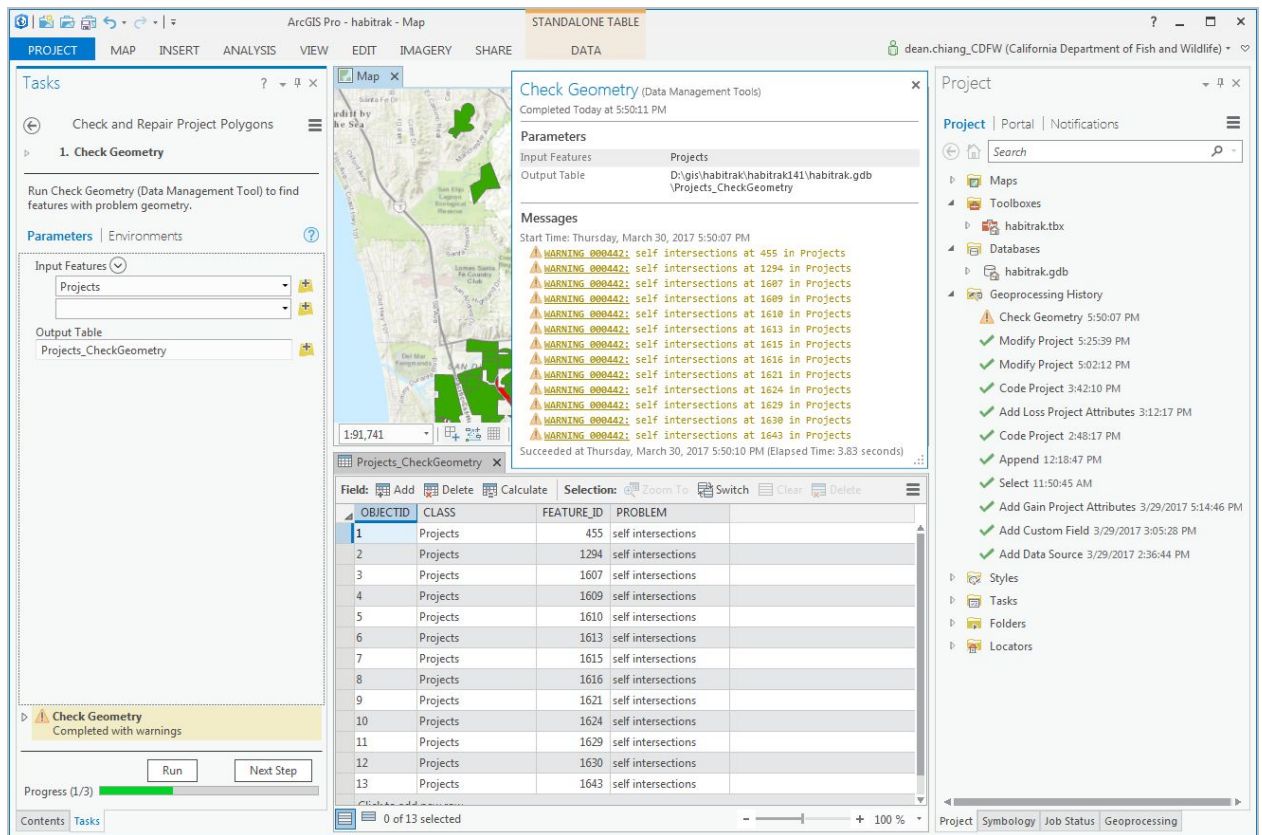
15. Check and Repair Project Polygons

16. When you have completed all your edits to the HabiTrak Projects layer, before you submit the data, check the integrity of the feature class. Under **Verify Polygons** task group, open the **Check and Repair Polygon** task.

1. Check Geometry

2. Run Check Geometry (Data Management Tool) to find features with problem geometry. Input Features should be the recently edited **Projects** polygon layer. Run the tool. If the result shows problems with some Projects polygon geometry, ArcGIS Pro will display a warning. Click **Next**

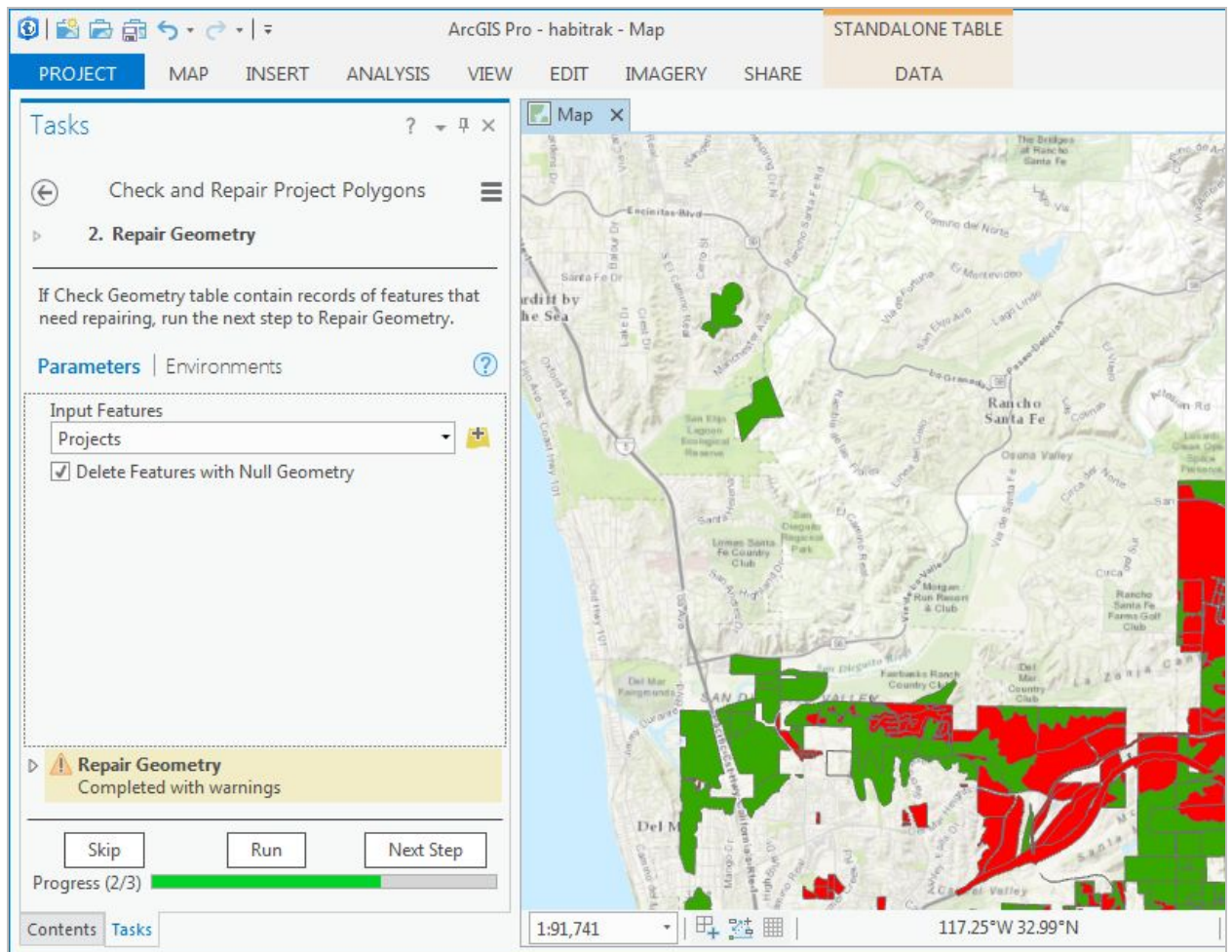
Step.



3. Repair Geometry

4. If Check Geometry discovered problems with the Projects feature class in the last step, run the Repair Geometry geoprocessing tool embedded in this step to fix the issue. If no problem geometry was found, **Skip** this and the next

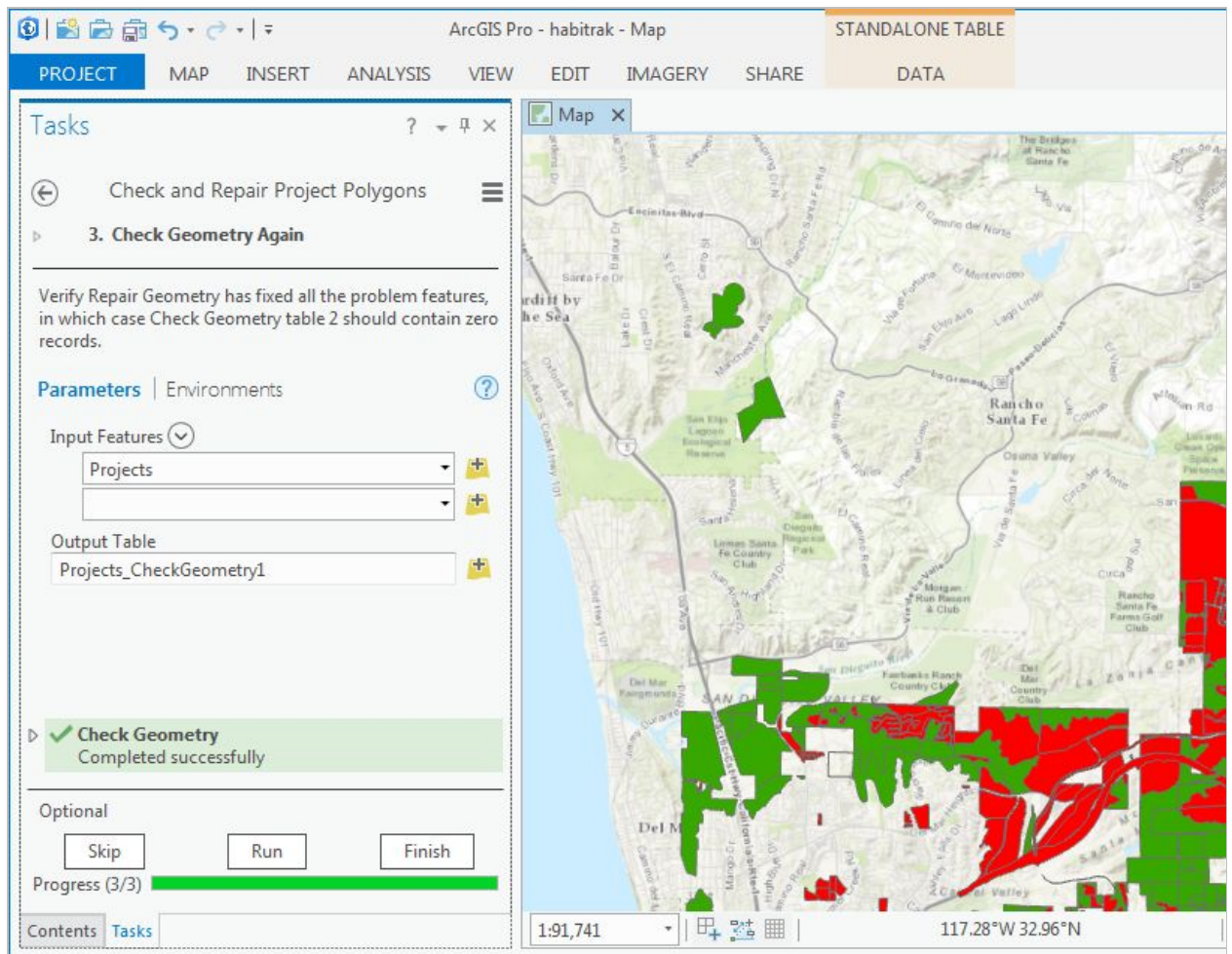
step to finish the task.



5. Check Geometry Again

6. Optionally you can run the Check Geometry tool again to verify that all problem geometry in the Projects feature class have been repaired. If so the tool result should be green without warning. Click **Finish** to exist the task. Your

Habitrak Edit session is done!



17. **Submit your data**

18. When you are done checking the Projects geometry and are ready to send in the latest data, close ArcGIS Pro and go to the project folder in Windows Explorer. Zip up the **habitrak.gdb** file geodatabase folder and send the database file to California Department of Fish and Wildlife contact Diane Mastalir . Alternatively you can simply zip up the entire habitrak141 Pro project folder and send that in to CDFW. If the zip file is too large as an email attachment, please contact Diane for other option to send to us. Please do not place the data on Dropbox for transfer as CDFW network does not allow access to Dropbox.

About ArcGIS Pro

ArcGIS Pro GIS project Structure

The Habitrak Edit software is entirely contained in an ArcGIS Pro project folder send to you as a zip file. The GIS project folder is called "**habitrak141**" to note that it was written and tested for ArcGIS Pro version 1.4.1 and consists of the following content:

- **habitrak141/** - the ArcGIS Pro project folder
 - **habitrak.gdb/** - the default file geodatabase used by this Pro project session. All new GIS datasets created by this habitrak project are written here by default. Custom tables are automatically included in the Habitrak Edit Pro project default file geodatabase are generally lookup tables and log tables that help with the Habitrak Edit work, which you should not need to touch or worry about. They include
 - **AGENCY_LUT** - internal lookup table for various agency names, codes, and abbreviations; also flags the agency editing the current database.
 - **DELTA** - internal table used by the Habitrak Edit tools to keep track of edits.
 - **(Other miscellaneous lookup tables)**
 - **ImportLog/** - system folder used by ArcGIS Pro software.
 - **Index/** - system folder used by ArcGIS Pro software.
 - **tools/** - custom folder that holds all the Python scripts used by the Habitrak Edit task.
 - **habitrak.aprx** - the ArcGIS Pro GIS project file that includes the Habitrak Edit Task toolset.
 - **Habitrak.lyrx or Projects.lyrx** - the layer symbology file for the Projects feature class. The extension LYRX is used for the Pro format.
 - **habitrak.tbx** - the default Toolbox used by this Pro project. Script tools are created under the toolbox for using the Python scripts included under the tools folder.

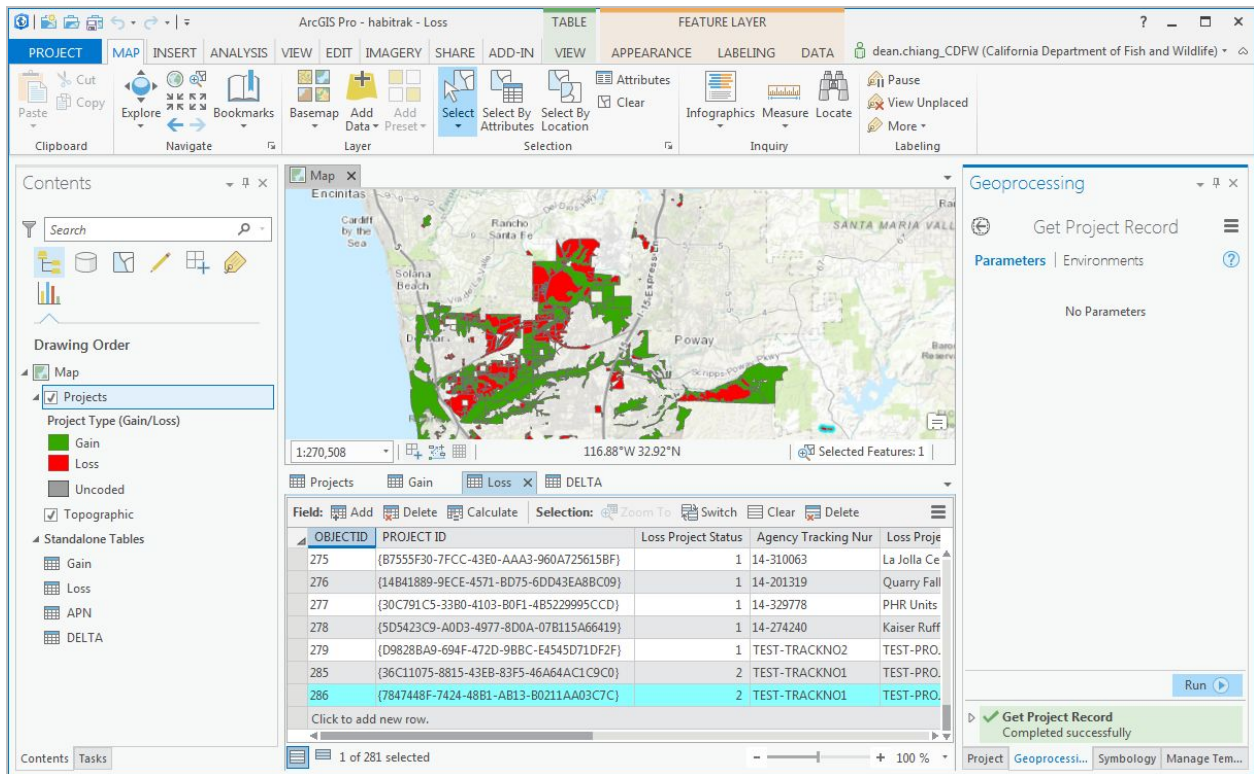
ArcGIS Pro Software Use

You open up the Pro project by double-clicking the APRX file (habitrak.aprx) or by starting ArcGIS Pro software and then open the project file.

To help you get up to speed in ArcGIS Pro, here are some basic, common operations in Pro:

- Become familiar with the **Ribbon tool bar**. All the tools are grouped in categories under different tabs labeled in **ALL CAPS** (MAP, INSERT, ANALYSIS, ...)
- Get used to opening and closing and switching different panels inside the left and right side bars or panels by clicking on their tabs along the bottom. This is where various tool forms and GUI widgets will be organized.
- You can identify a feature by clicking on it with the **MAP/Explore** (navigation) tool turned on. This comes in handy for clicking on a HabiTrak Project polygon to see its **Project ID**.
- Interactively selecting a HabiTrak Project feature or polygons is easily done by clicking on **MAP/Select** tool and then click on the feature or drag a rectangle.
- To use a geoprocessing tool, tab on or open the **Geoprocessing** pane and type into the search box. Tools matching your search term will quickly be displayed and available.
- You can directly edit a standalone table or feature layer attribute table record by double clicking into the data cell and enter a new value. Then hit the tab key to move to the next field (cell) or hit Enter to move to the next row. Once you hit Enter or click outside the table, the Save button on the EDIT ribbon will become active for you to click and save your edits.
- ArcGIS Pro can keep multiple tables opened in one panel separated by tabs with selected record highlighted so that is helpful to reviewing the data being edited. For example, the

Project feature selected and associated records can be opened all at the same time and docked together in a layout like



- TIP: ArcGIS Pro has a tendency to retain the state of a feature symbol or table view prior to changes made, and does not immediately display the latest change even after the new edits are saved. To refresh the data view, click Zoom to Layer option on the layer context menu, or close and re-open a table to see the changes.

dean.chiang@wildlife.ca.gov © 03/31/2017 16:39:17