

Instructions

Basic instructions to start labeling waterfowl for the UNM ASPIRE and USFWS research project.

Instructions

Signing Up and Logging in

1. Visit <https://ducks.remotesensingscience.com/> in your web browser
 - a. Fill out your information
 - b. **The Key is ASPIRE**
 - c. Select your experience level
 - d. submit the reCAPTCHA
2. Check your email
 - a. Click the link to set your password
 - b. Input your password twice
 - c. You should be redirected to the login page
 - d. login with your email and new password
3. The login link for future reference is <https://app.labelbox.com>

If you have trouble getting to this point, check your spam, or try a different email address to sign up.

For technical questions please contact jly.dev.36963@gmail.com

Once you are Logged In:

Select the "BirdVision" project



Select "Start Labeling"

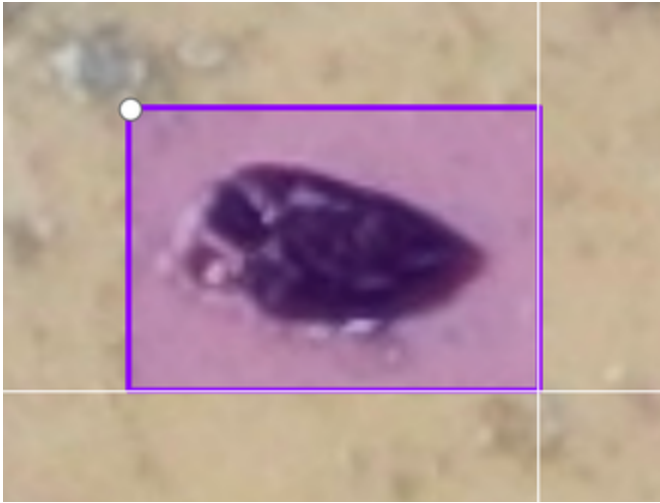
START LABELING

Example: Using keyboard shortcuts to label objects (water fowl)

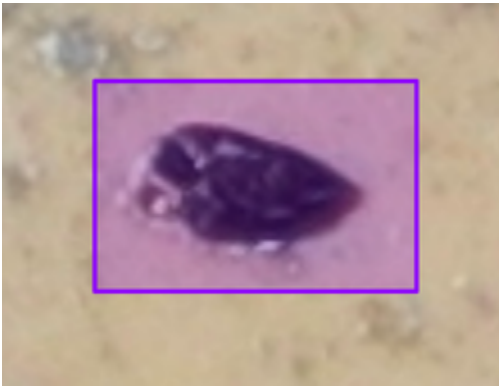
1. Press **2** (i.e., for Canada Goose)
2. **click** the first corner



3. **click** the opposite corner



a. BE SURE TO GIVE SOME BUFFER AROUND THE BIRD



Good

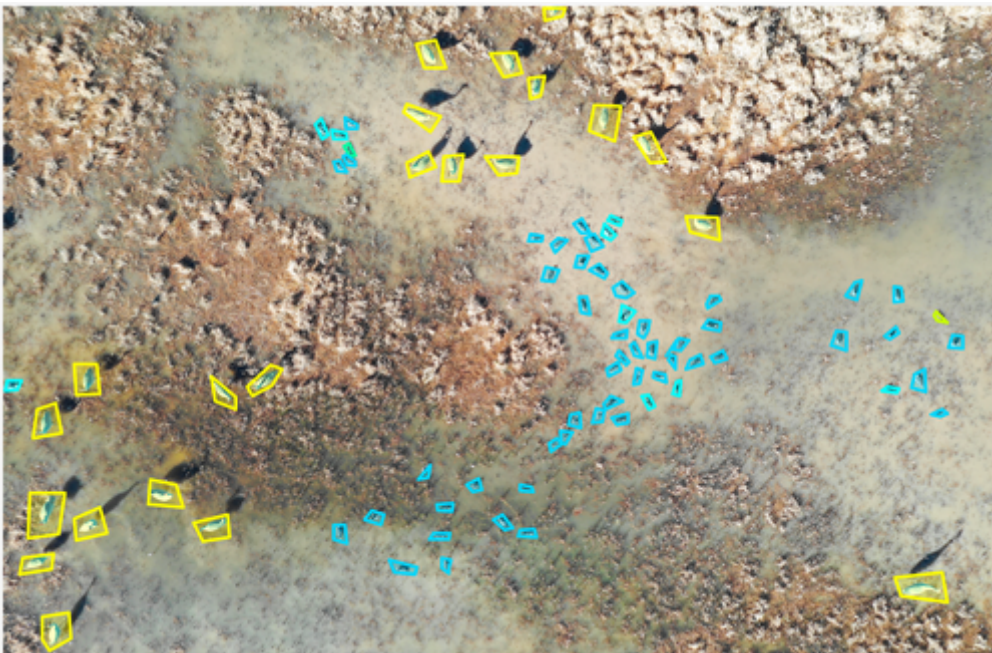


Not So Good

You can also select the class (bird species) in the left hand column to activate it for labeling.

1	Other Waterfowl	
2	Canada Goose	
3	Snow Goose	
4	Sandhill Crane	
5	American Wigeon	
6	Teal	
7	Gadwall	
8	Mallard	
9	Northern Pintail	
<input type="checkbox"/>	Northern Shoveler	
<input checked="" type="checkbox"/>	Ringneck <small>Draw a polygon</small>	
<input type="checkbox"/>	Ruddy	
<input type="checkbox"/>	Redhead	

Repeat for as many birds as you can find in each picture!



Excellent

Press **e** to submit labels and move to next image - CAREFUL - after submitting the image you can not return to it again.

NOTE: You will not be able to come back to the image if you 'skip' it either.

References:

- Cheat-sheet is available in the left menu by clicking the keyboard icon next to gear icon:
- <https://labelbox.com/docs>

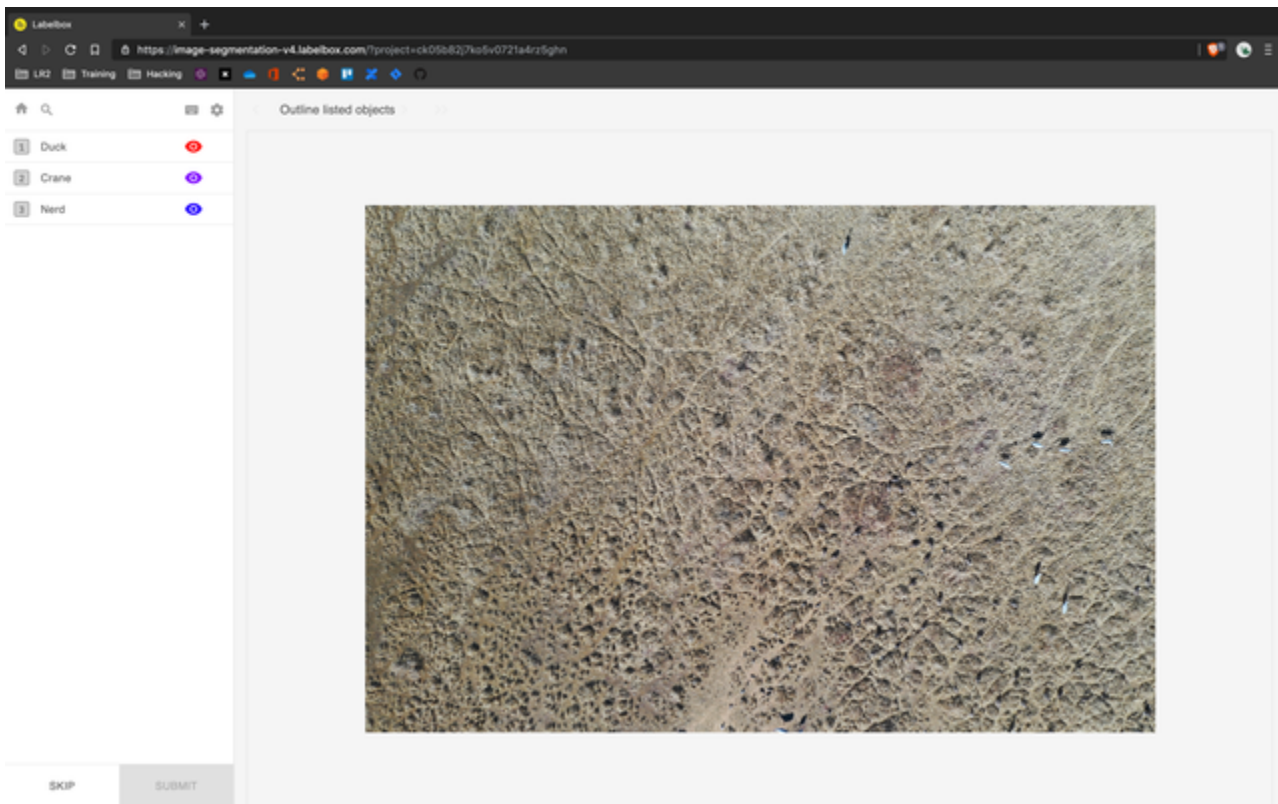


Example With Pictures

This is a demo project - you will notice more class options in your project.

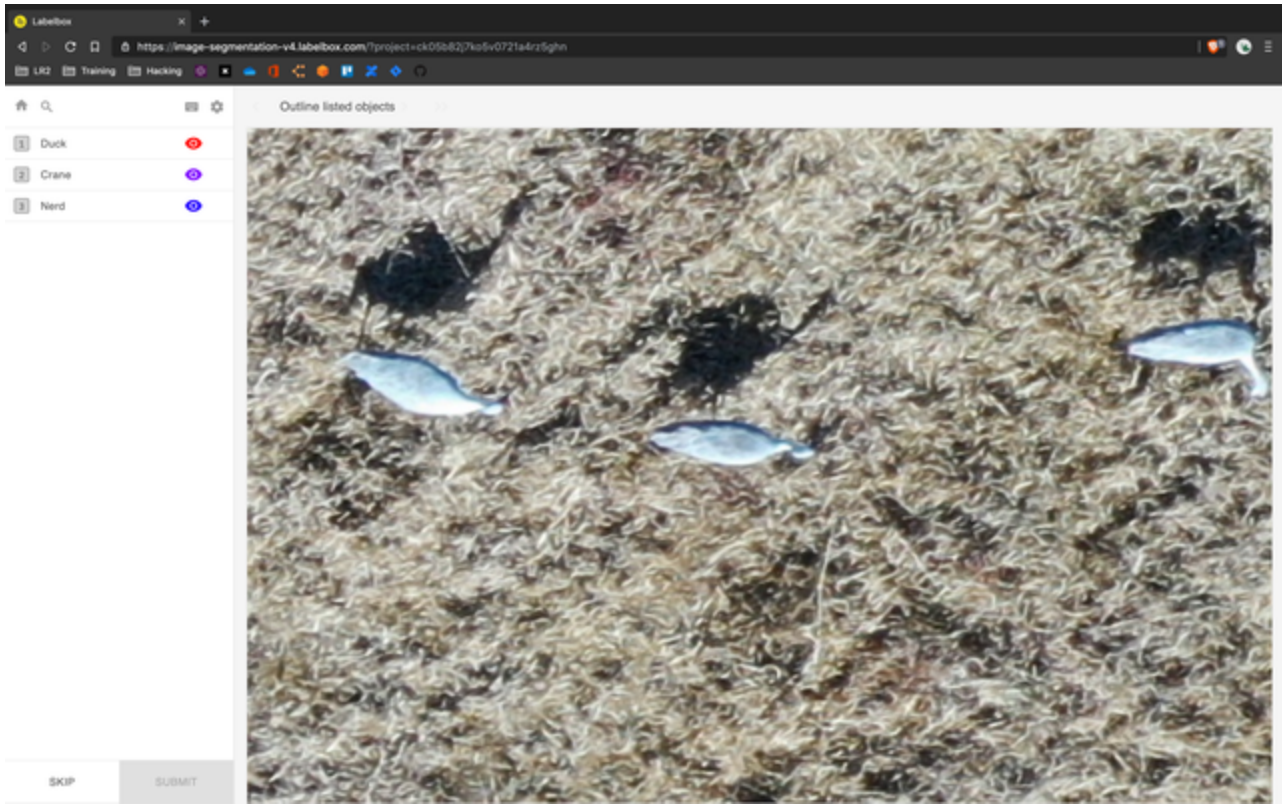
This is a polygon label example and not a rectangle label example.

Step 1: Enter Project



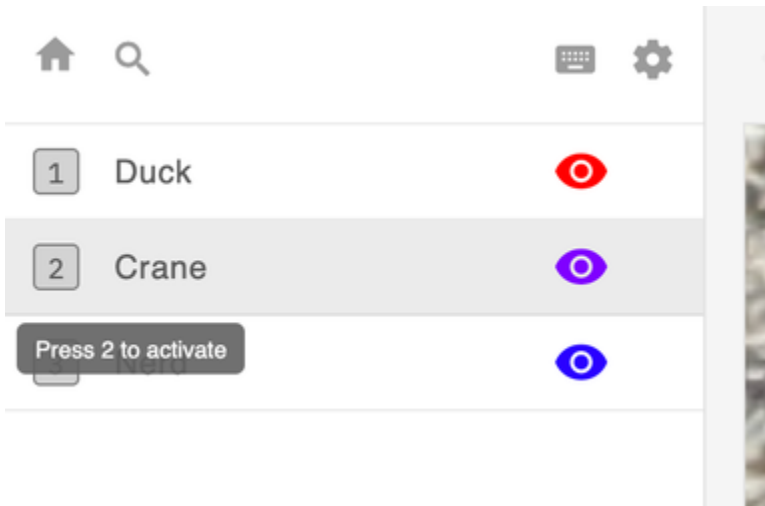
Step 2:

Zoom and pan to find birds.



Step 3:

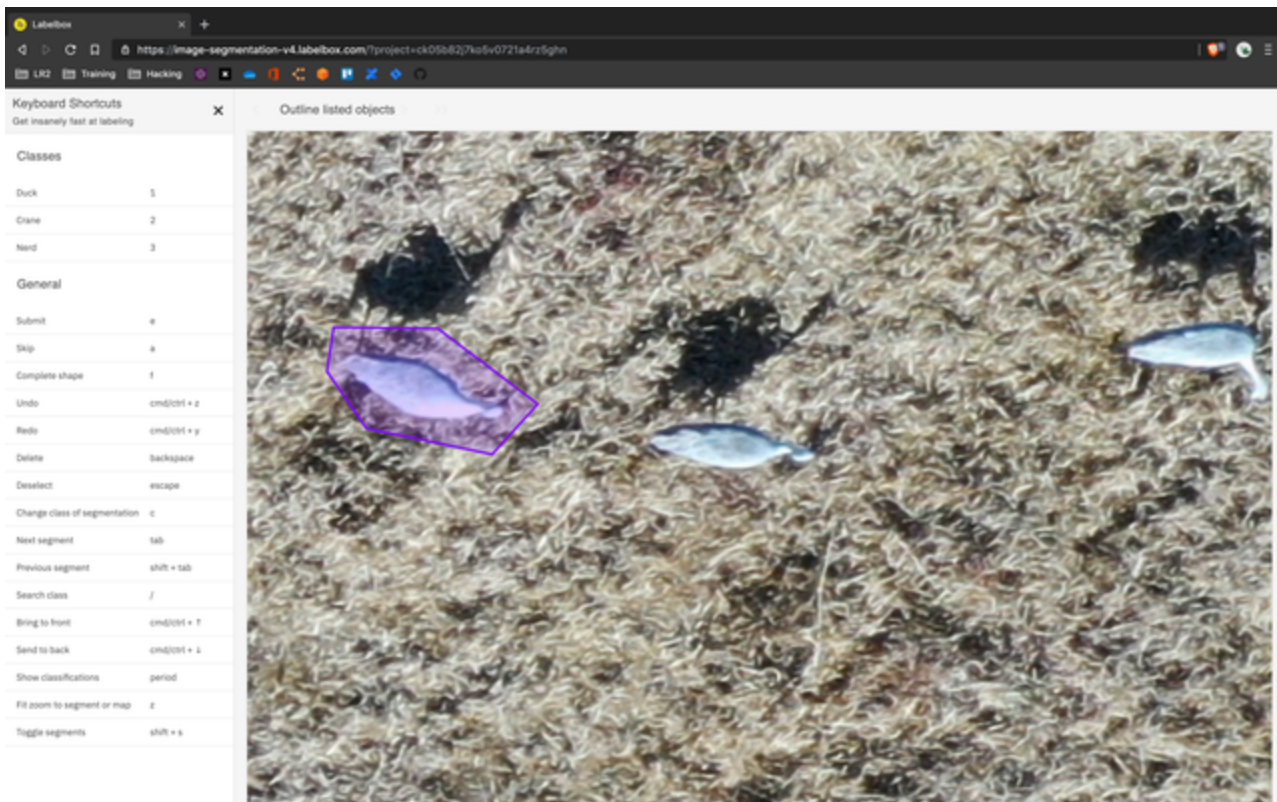
Hotkeys will make you fast. Press the number associated with the label to activate it.



Step 4:

There are many keyboard shortcuts to make you quick.

DON'T PRESS e UNTIL YOU ARE SURE YOU HAVE LABELED EVERY BIRD IN THE IMAGE!

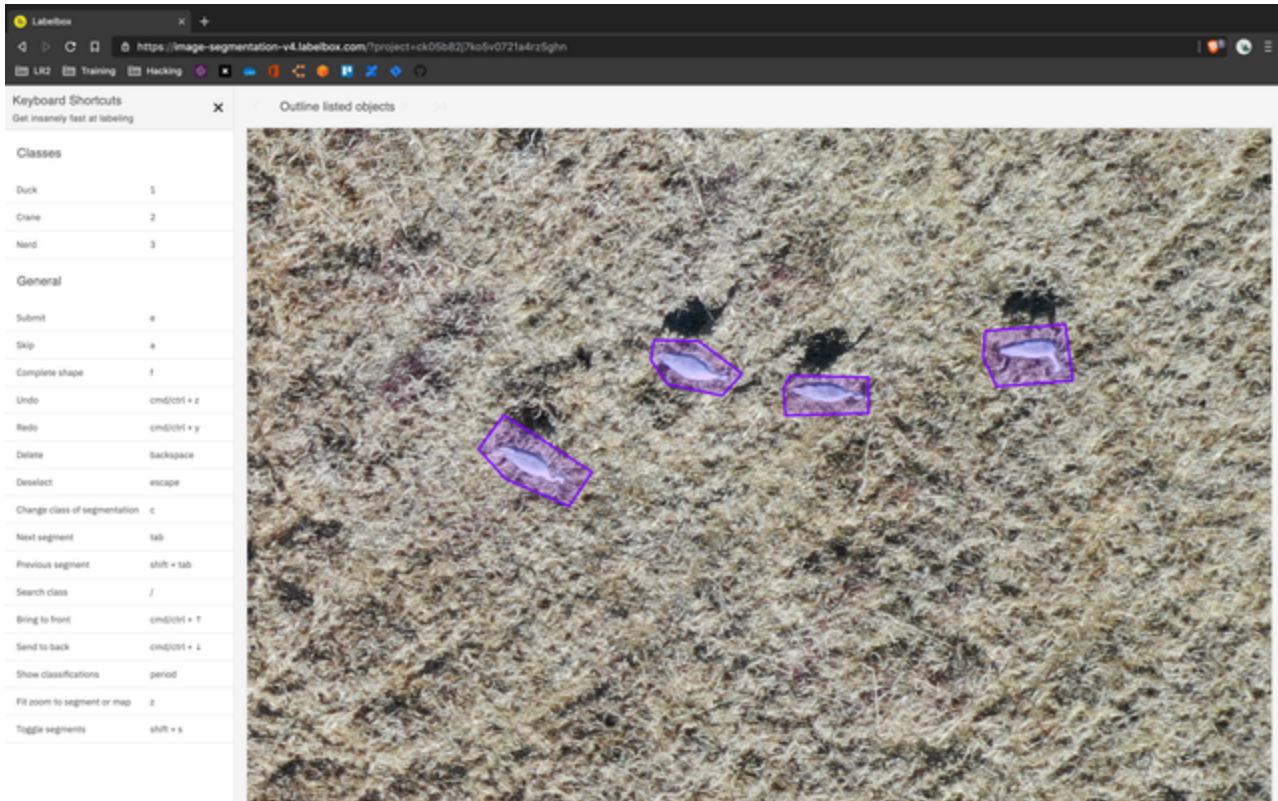


Step 5:

Label every bird.

You can scroll through pictures with the arrows located above the image near the text "Outline Listed Objects".

(This scroll feature is sometimes not available. If it is not, you must complete this image prior to moving on to a new one)



Step 6:

Press submit when you are confident in your labels for the image. Submit every image. When you are done you will not have any more images to label and it will be clear that you have finished.

You can logout and back in as much as you like during the process. The Home button will return you to the dashboard outside of the project.

Thank you for your contribution to this project!