

## Explore the **Calling all Wetlands** Website

By following the 'Explore' activities you will investigate the Calling all Wetlands website. Some activities examine relationships and ask you to make a quick assessment. Other activities are more extensive with charts to complete or for you to further explore other wetland websites.

### Activity 1: Wetland Types

During the 'How to' explanation of the Calling All Wetlands website, you were asked what the colorful markers on the GoogleEarth map represented. This activity gives you more insight to what each marker is indicating on the map.

1. Click on the Wetland Types header. In your own words briefly describe a wetland. If you need more of an explanation on what is a wetland, click the Functions and Values link ([http://www.wetmaap.org/Functions\\_and\\_Values/index.html](http://www.wetmaap.org/Functions_and_Values/index.html))


2. Based on your description of a wetland, do you have wetlands within a 5 to 20 miles radius from your current location? If yes, describe the wetland. If no explain why not.


3. Scroll down the page and read the explanation for each of the different types of wetlands. Pay special attention to the marker that represents each type. List each of the wetland types and draw the marker next to the type indicating color and if there is a dot in the middle.

	Wetland Type	Marker
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		

4. Go back to the home page and zoom in on the Google Earth map of the United States. Based on the markers what correlations do you see?


## Activity 2: Conducting a Search

You will be exploring the **Search** heading with this activity. Go through each Wetland Type within the search engine. In the chart below write the state or states that have the Wetland Type. When finished, answer the questions that follow.

Wetland type	State(s)
Flats & Beaches	
Forested Wetlands	
Fresh Marsh	
Moss – Lichen	
Open Water	
Reefs	
Salt Marsh	
Stream-bed	
Submerged Floating Aquatics	
Wetland Scrub-shrub	

1. Which state has the most Wetland Types? \_\_\_\_\_
2. Which state has the least Wetland Types? \_\_\_\_\_
3. Does your state have Wetland Types listed? If so, which wetland types?


### Activity 3: Featured Site

Whenever you re-click the Home heading a new **Featured Site** appears. Click on the Home heading at this time and write down the featured site that appears.

Featured Site:
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This will be the Featured Site you will use to answer the following questions and explore in more depth

1. What is the Wetland Category? \_\_\_\_\_

2. In which country is this site located? \_\_\_\_\_

3. In which state is this wetland? \_\_\_\_\_

4. Are there any additional image dates for this site? If so what are they?


5. What would these different dates be demonstrating?


6. Research the following:

- a. Is the site on state, federal, or private land?
- b. What are the prominent land formations near or around your site?
- c. What is the climate during the year?
- d. What external factors may play a role in hindering your site?
- e. Has your site always been considered a wetland?
- f. What types of wildlife and plant life are common in your wetland?

7. Create a presentation that will display and describe your featured site. Share this with your fellow classmates.