Democratizing Geospatial Technology: A Model for Providing Technical Assistance in Community Based Participatory Mapping to Environmental Justice Stakeholder Communities



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1. Defining "Community Assets"

What are the good land uses in our community?

How can we replicate such good land uses?

Are there land uses that we might see as negative that could represent opportunities?



Community Asset Mapping Training: Buzzard Point Neighborhood – Washington, DC

2. "No Tech" Community Walk Through

Mental mapping exercise during which community stakeholders determine the objectives and goals of the community asset mapping project. Locations of desirable land uses are identified without global positioning systems (GPS) or geographic information systems (GIS) support.

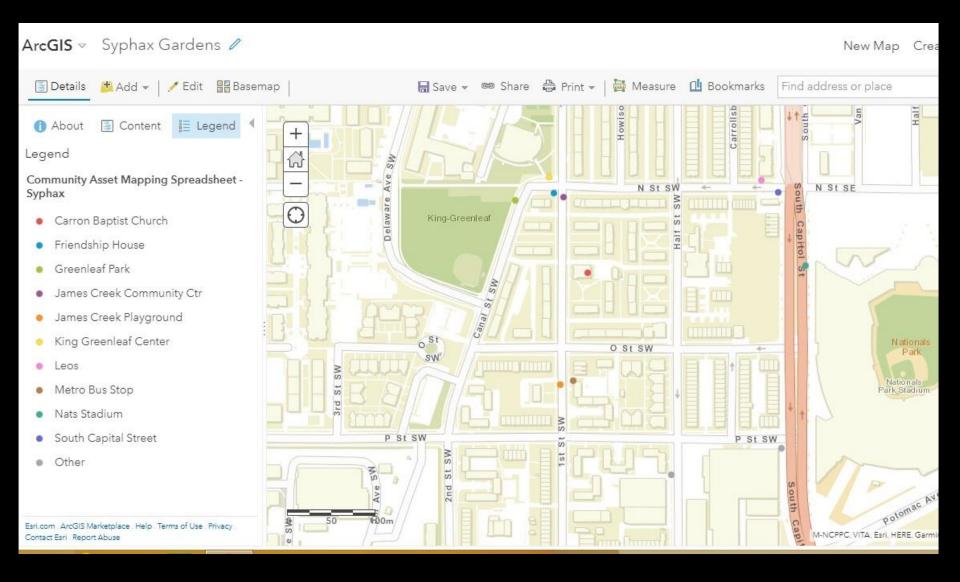


Asset Mapping Data Entry Instructions

Enter the data into an Excel spreadsheet per the example below. A blank spreadsheet including the required fields is provided. IMPORTANT: Be sure your latitude and longitude fields are formatted as "Number" with at least five places behind the decimal. After saving your Excel spreadsheet, also save it as a CSV (comma delimited) file. When you save to CSV file format, you must first select (i.e. highlight) your data.

А	В	C	D	E	F	G	Н	1
Asset	Description	Location	Latitude	Longitude	Time	Satellites	Log	
Torrence Grocery Store	Food	1050 37th Ave N	36.16431	-86.83215	332 p	5	7	
Wilmas Fish Shack	Food	1063 37th Ave N	36.16414	-86.83178	336 p	6	8	
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Community Asset Mapping with ArcGIS Online – Buzzard Point Neighborhood – Washington, DC – September 2018



Community Asset Mapping Data Collection with Global Positioning Systems (GPS)

Name of Person Collecting Data Geographic Area Covered Datum		SDAY, MAY 29, 2019 GPS Unit Brand/Model GPS Unit Serial Numbe	Number			_	
SPECIFIC NAME OF ASSET	GENERAL ASSET DESCRIPTION (Minority-Owned Business, Historical Site, Public Transit, Large Chain Business, Greenspace, Physical	ADDRESS/NEAREST	LATITUDE	LONGITUDE	TIME	NUMBER OF	LOG NUMBER
	Activity, Food, Anchor Institution, Healthcare Facility, Vacant Property, Under-used Property, Other)						
Sanchez Center	Physical Activity	5501 N.Claiborne		16			1101
MLK Elementary School	School	1611 Caffin Avenu		- 3			
Groundworks Rain Garden	Greenspace Park	1901 Caffin Avenu	-	N. S.			
Bayou Bienvenue Wetland Triangle Observation Deck	Greenspace Park	5595 Florida Aveni	4	Keyl	-		and the

5600 Florida Aveni

2600 Lamanche St

Environmental Learning &

Research Center at CSED

Bush Playground

Education Learning Center

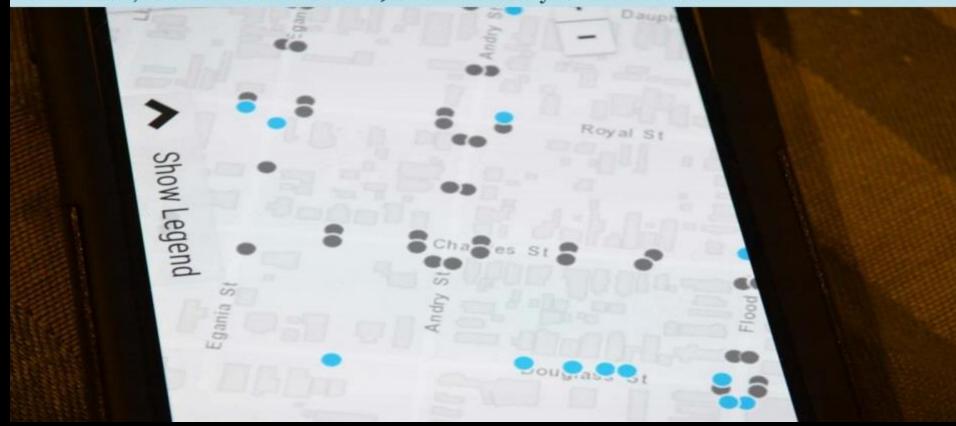
Recreation

Community Asset Mapping Data Collection Sheet-Sea Level Rise Project-Lower 9th Ward Flood Control

Catch Basin Cleaned 4900 Block of Urquhart 221-318-318-318-318-318-318-318-318-318-31	Name of Person Collecting Geographic Area Covered Datum	Date Dairell Esnault Lewis Fin ward stut	GPS Unit Brand/Model GPS Unit Serial Number					
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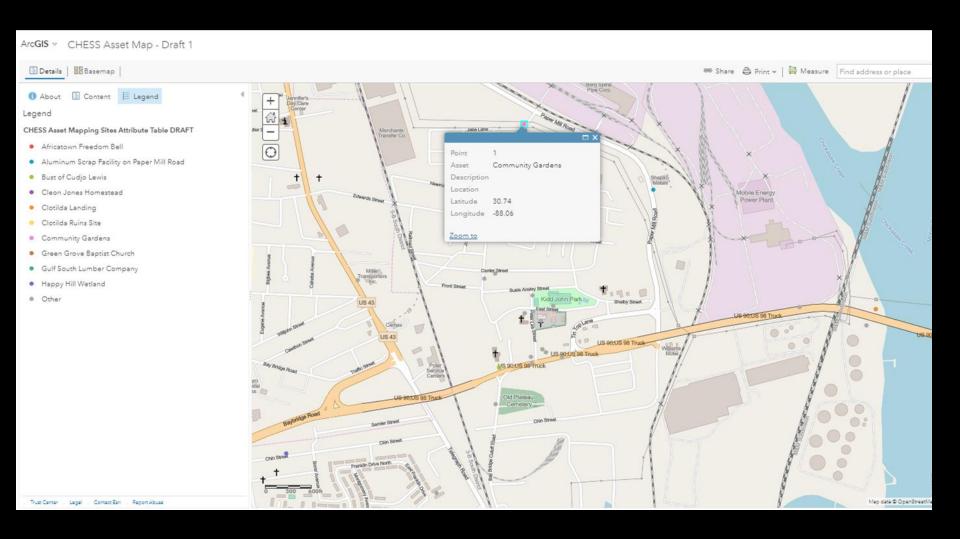
Source: Students Rising Above Sea Level Rise Webinar – Deep South Center for Environmental Justice (www.dscej.org)

Catch Basins on Andry, Royal, Chartres, and Douglass Streets (Black Circles – Unclean, Blue Circles Clean)-From the City of New Orleans

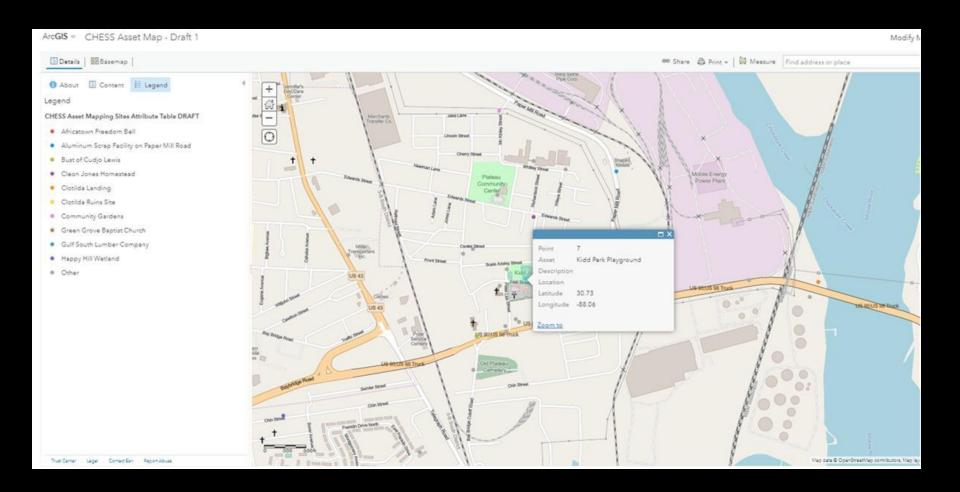


Source: Students Rising Above Sea Level Rise Webinar – Deep South Center for Environmental Justice (www.dscej.org)

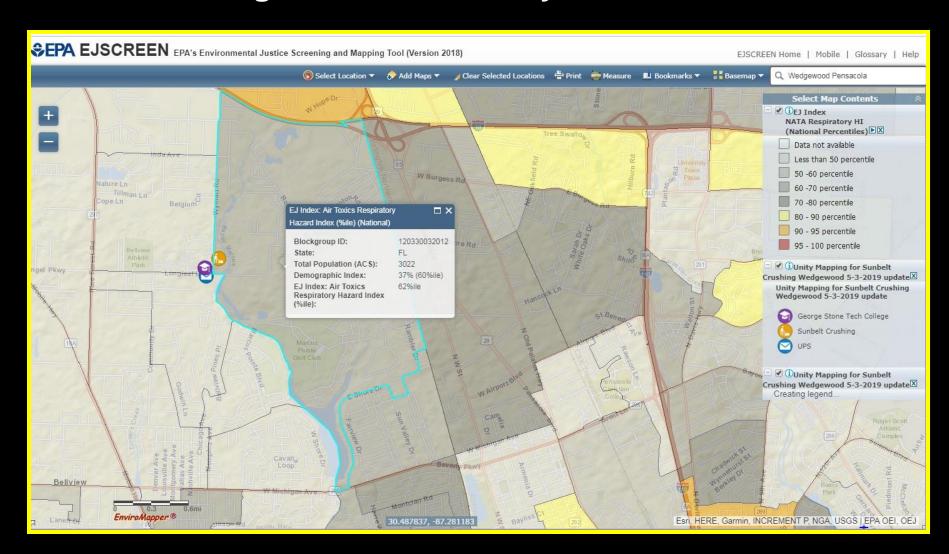
Community Asset Mapping with ArcGIS: Africatown Community – Mobile, Alabama – May 2019



Community Asset Mapping with ArcGIS: Africatown Community – Mobile, Alabama – May 2019

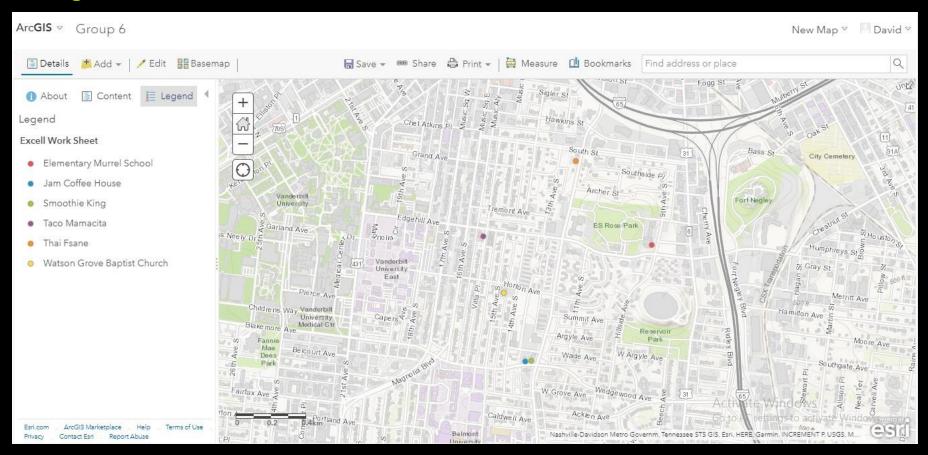


Community Environmental Risk Mapping with ArcGIS and the Environmental Justice Screening Tool (EJ SCREEN: Wedgewood Community – Pensacola, Florida



Community Asset Mapping with ArcGIS Online – First Kings (Nashville, TN)

Community assets defined by African American male youth organization.



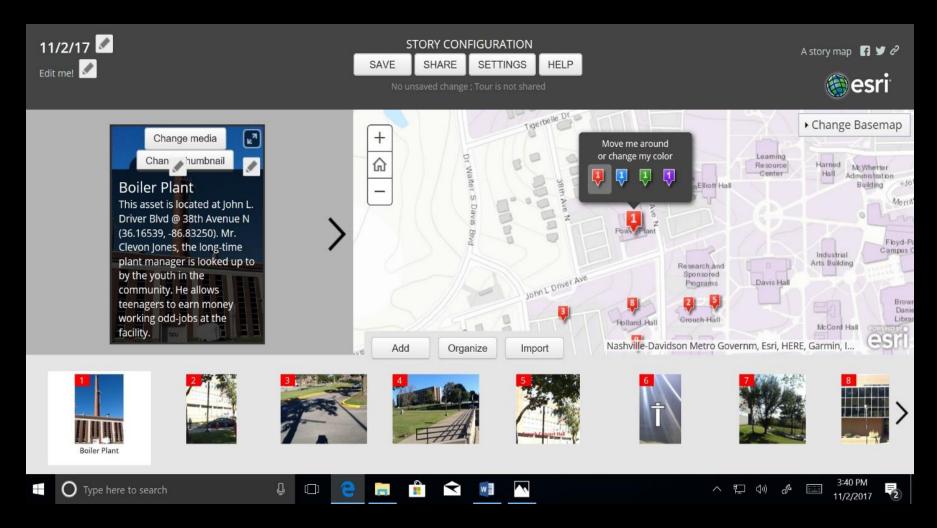
Vacant/Under-Utilized Property in an Urban Community - Nashville, TN

Asset or Eyesore?



Community Asset Mapping with ArcGIS Online Story Maps

Mock community asset mapping exercise. Tennessee State University, Nashville, TN





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