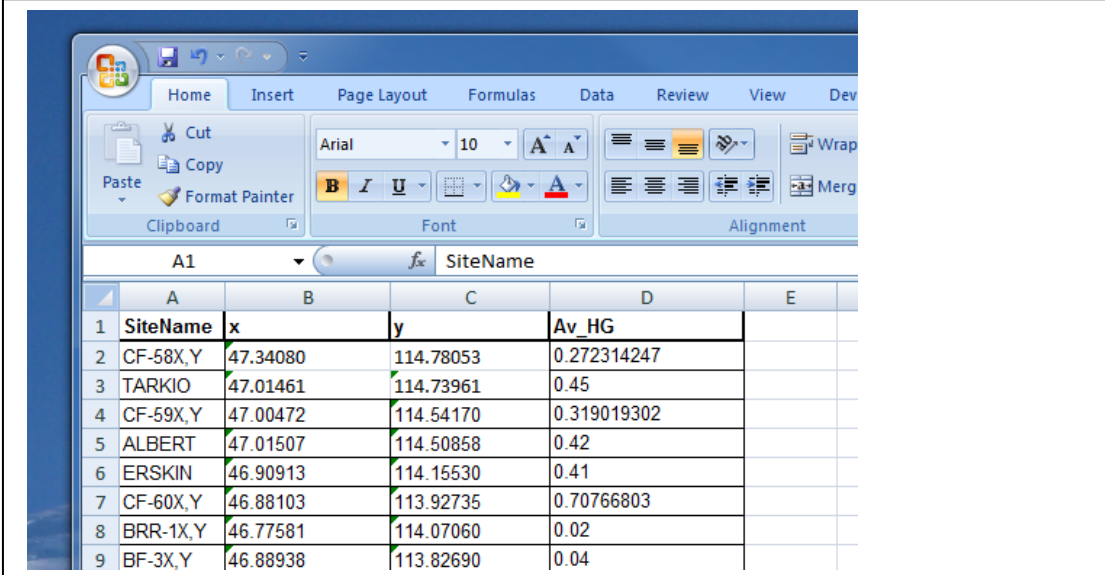


## How to Add X,Y point event data to ArcGIS

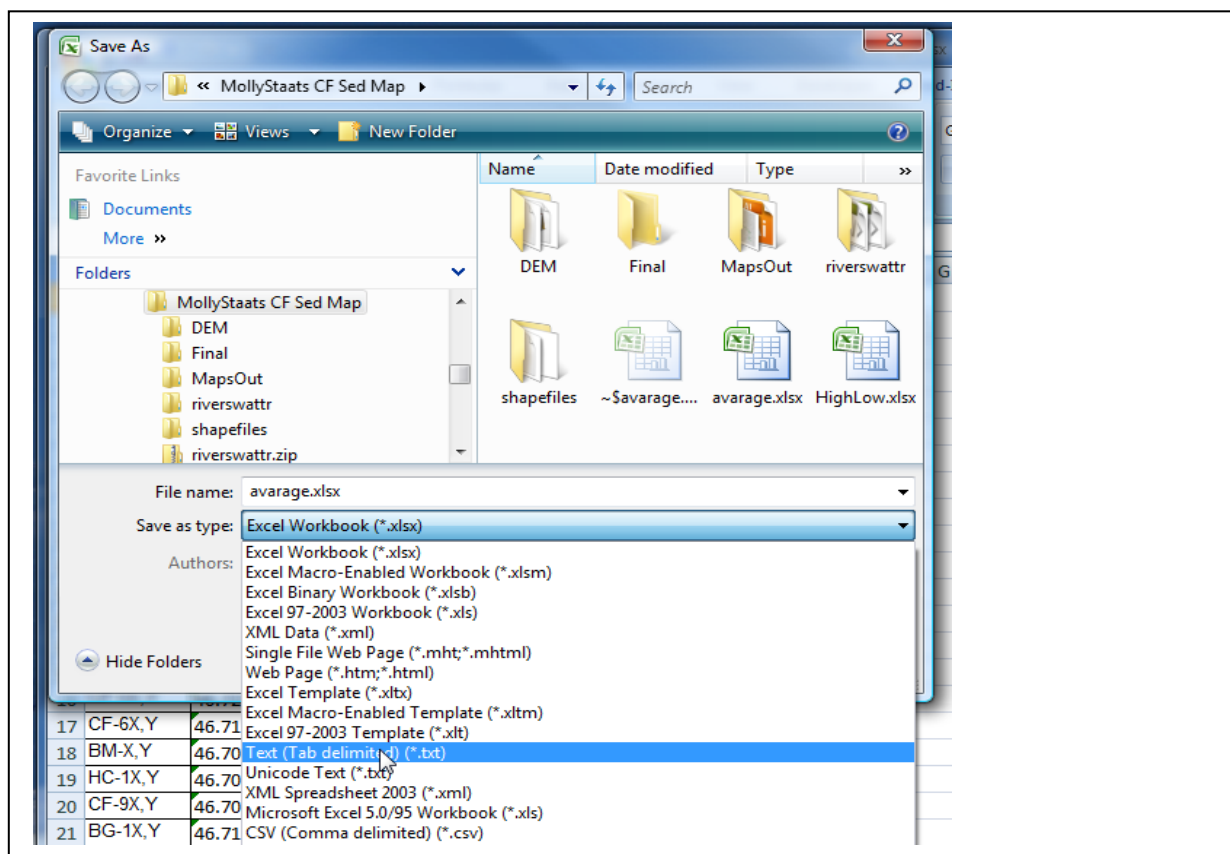
- 1) Open a spreadsheet program (excel in this case)
- 2) Add field names across the first row, names must not have any spaces or special characters (underscore is ok). –populate each column with the appropriate data entries.



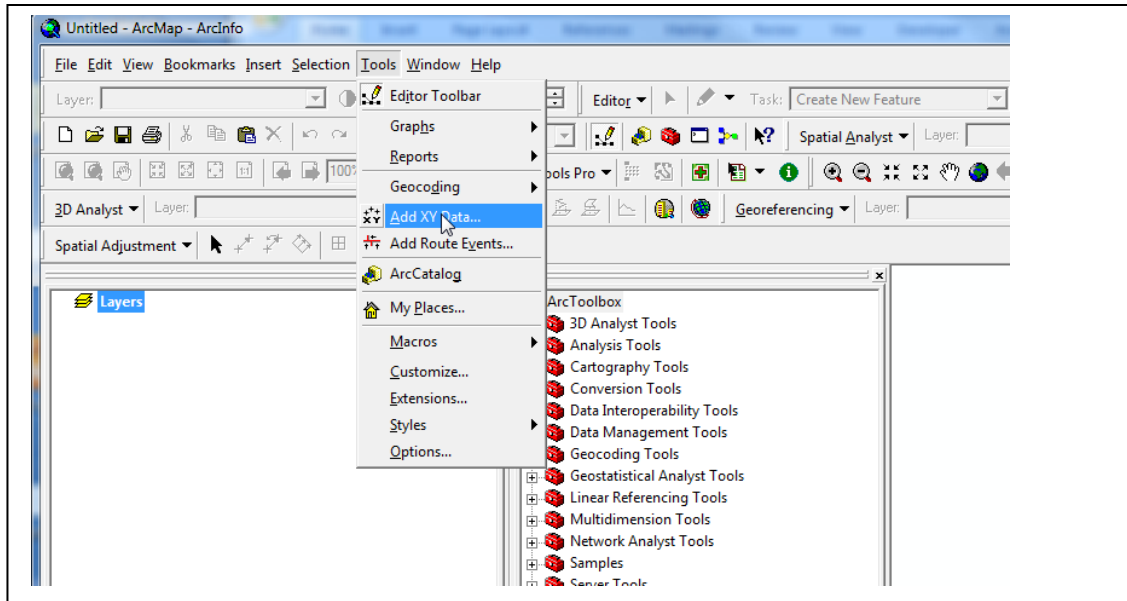
The screenshot shows an Excel spreadsheet with the following data:

	A	B	C	D	E
1	SiteName	x	y	Av_HG	
2	CF-58X,Y	47.34080	114.78053	0.272314247	
3	TARKIO	47.01461	114.73961	0.45	
4	CF-59X,Y	47.00472	114.54170	0.319019302	
5	ALBERT	47.01507	114.50858	0.42	
6	ERSKIN	46.90913	114.15530	0.41	
7	CF-60X,Y	46.88103	113.92735	0.70766803	
8	BRR-1X,Y	46.77581	114.07060	0.02	
9	BF-3X,Y	46.88938	113.82690	0.04	

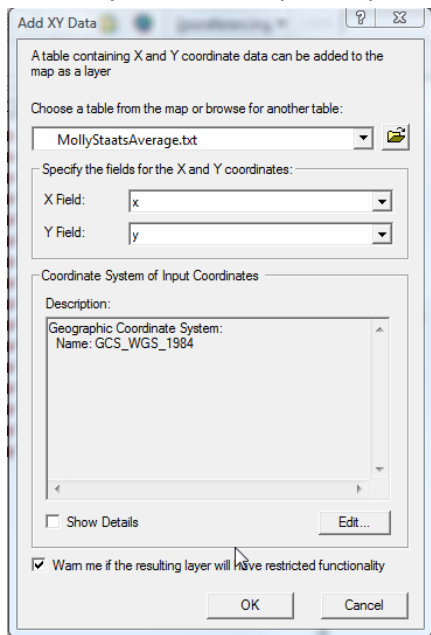
- 3) Save the spread sheet as tab delimited text



- 4) Open ArcGIS - ArcMap. Open a **new blank project**. Select Tools>Add XY data. Navigate to the tab delimited text file just created. Choose the file. The xy fields in the wizard should auto fill.



Choose the coordinate system for the dataset (make sure this is the coordinate system the data is actually in, not what you may want to convert it to) Select OK



- 5) Now that the data is displaying in ArcMap, right click on the layer and choose Data>Export Data. This will save it as “shape file (.shp)” and make the point data permanent. This also retains its coordinate system info and projection if applicable. Make sure to save the file with a logical name and to a logical location. The data is now ready for use. It can be added to an existing project, joined to other data with a common field, re-projected, etc.

