

Dispersion Modeling Training Series

3 Ways to Increase Productivity in Dispersion Modeling

Creating and Sharing a Digital Map

I. SOP For Site KML File

- a. Open Chrome, go to <https://www.keene.edu/campus/maps/tool/>
- b. Zoom to site location
- c. Right-mouse click to trace out site property line vertices
- d. Click on Close Shape button to finish property line
- e. Select and copy list of vertices' coordinates
- f. Open Site_KML_Template.kml; use WordPad or NotePad
- g. Replace **PLACE COORDINATES HERE** with copied list of vertices' coordinates
- h. Replace **PUT SITE NAME HERE** with name of site
- i. Save KML file.

II. SOP For Making Map Document in Google Maps

- a. Open Chrome, go to <https://www.google.com/maps/>
- b.** Click on Menu, then select **Your places**
- c. From menu items, select **MAPS**
- d.** Click on **CREATE MAP**
- e. Click on **Untitled map**
- f. Provide a map title and description
- g. Click **SAVE** button
- h. Click on **Untitled layer**
- i. Enter site property line layer name
- j. Click **SAVE** button
- k. Click on **Import**
- l. Click on **Select a file from your computer** button
- m. Navigate to Site_KML_Template.kml, and select
- n. Click on Add Layer
- o. Click on **Untitled layer**
- p. Enter site property line layer name
- q. Click **SAVE** button
- r. Click on **Import**
- s. Click on **Select a file from your computer** button
- t. Navigate to another KML or KMZ file, and select

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III. SOP for Editing Map

- a. Open Chrome, go to <https://www.google.com/maps/>
- b. Click on Menu, then select **Your places**
- c. From menu items, select **MAPS**
- d. Click on the map to edit
- e. On left-hand side, under map title, click on **Select in My Maps**
- f. Edit map as necessary

IV. SOP for Printing Map Document to File

- a. To the right of the map title, click on the ellipse
- b. Select Print map
- c. Under **Output type**, select Image
- d. Click **Print** button
- e. In the left-hand boarder under **Print**, click on the **Save** button
- f. Save the file to some location

V. SOP for Setting Access to Map Document

- a. Click on **Share**
- b. Under **Who has access**, click on **Change**
- c. In the **Link share** dialogue box, select **On – Anyone with the link**
- d. Click **SAVE** button

VI. SOP for Putting Map Into Report

- a. Open PDF document of map in Word
- b. Select image
- c. Right-mouse click, then select **Hyperlink...**
- d. In the **Address** textbox, enter URL to map document in Google maps.

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KML Format for Site Property

```
<?xml version="1.0" encoding="UTF-8"?>
<kml xmlns="http://www.opengis.net/kml/2.2">
<Document>
  <Style id="highlightPlacemark">
    <IconStyle>
      <Icon>
<href>http://maps.google.com/mapfiles/kml/pal4/icon48.png</href>
      </Icon>
    </IconStyle>
  </Style>
  <Style id="yellowLineGreenPoly">
    <LineStyle>
      <color>7f00ffff</color>
      <width>4</width>
    </LineStyle>
    <PolyStyle>
      <color>7f00ff00</color>
    </PolyStyle>
  </Style>
  <Placemark>
    <name>PUT SITE NAME HERE</name>
    <styleUrl>#yellowLineGreenPoly</styleUrl>
    <Polygon>
      <extrude>1</extrude>
      <altitudeMode>clampToGround</altitudeMode>
      <outerBoundaryIs>
        <LinearRing>
          <coordinates>
PLACE COORDINATES HERE
          </coordinates>
        </LinearRing>
      </outerBoundaryIs>
    </Polygon>
  </Placemark>
</Document>
</kml>
```