

# Week 2 Lab and In-Class Demo: WiGLE

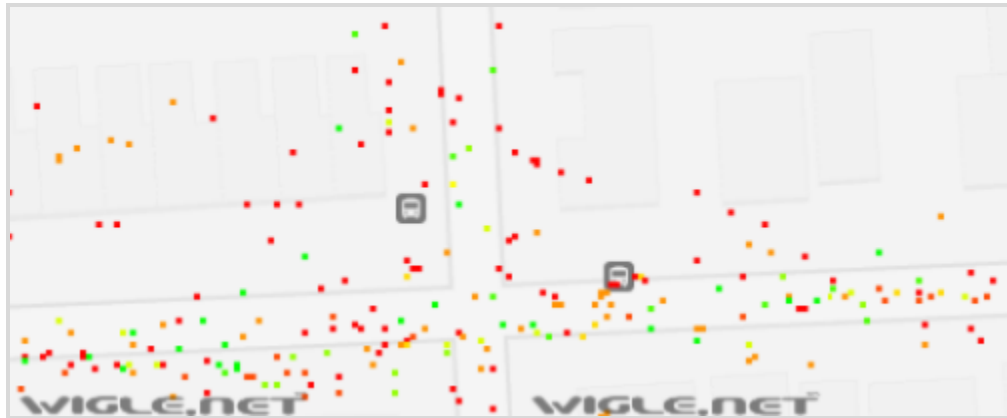
💡 For this demo, we are going to be using the website [wigle.net](https://wigle.net). You can also use [wifimap.io](https://wifimap.io) as an alternative. This can be done with In-Class Machines, or a personal device on your own time, or you can follow along with the In-Class Demo.

**Note:** WiGLE will flag IP's if multiple accounts are registered simultaneously, so be cautious if you do decide to navigate the page In-Class.

## Task #1:

**Before creating an account**, take a look through the website.

Deliverable 1: Take a screenshot of either Champlain College or your home street showing the heatmap. What do you see? Make sure to take a screenshot that shows some data points like the one below!



## Task #2:

- Create an account using your Champlain email address
- **Do not poke around the site once you are logged in as you can quickly trigger the daily limit**
- Zoom back in on the same area from Task #1, are you able to see any new information? Sometimes the page takes a moment to load, you may need to mess with your zoom.

Alternate sites for Open Wifi Mapping

- <https://wifispc.com/>
- <https://www.wifimap.io/>
- Vermont Hotspots:  
<https://vtpsd.maps.arcgis.com/apps/webappviewer/index.html?id=c926d155167d4a5586e8e1aca1701cfa>
- <https://publicservice.vermont.gov/telecommunications-and-connectivity/wi-fi-hot-spot-project/public-wifi-hotspots-vermont>
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Deliverable 2: Take a screenshot showing information you now see that wasn't initially able to see? What is this information?

Deliverable 3: Do some research and in a few sentences each, answer the following questions:

- What is wardriving, and what is the purpose of it?
- What is the legality of wardriving? When might it be considered illegal? (hint: what information are you gaining?)
- Do you think this information should be publicly available, or do you think this could be considered an invasion of privacy?