

**CprE 492 Weekly Report****May1610****Week 5 (February 12, 2016)**

Project Name: Geospatial Mapping for Coverage Analysis

Advisors: Akhilesh Tyagi &amp; Swamy Ponpandi

Client: John Deere (Benazir Fateh)

**Group Members:**

- Luke Milius - Team Leader
- Frankie Nelson - Team Key Concept Holder
- Sarah Ulmer - Team Webmaster
- Brenda Lopez - Database Lead
- Jake Caithamer - Team Communication Leader

**Attendance:**

- Luke Milius (2)
- Frankie Nelson (2)
- Sarah Ulmer (2)
- Brenda Lopez (2)
- Jake Caithamer (1)
- Swamy Ponpandi (1)

<b><u>Team Member</u></b>	<b><u>Individual Accomplishments</u></b>	<b><u>Hours Contributed [week(total)]</u></b>
Luke Milius	Obtained the rest of the data attributes to be available on the client side. All attributes are passed through the ajax call to get the map points to the client browser.	3(22)
Frankie Nelson	Added heat map functionality to map.	4(23)
Sarah Ulmer	Worked on reporting tool, improved the bar graph functionality	5(22)
Brenda Lopez	Meetings.Finished the classes to	9(32)

	gather geometric multipolygon for Iowa counties only. Started on creating the map to have an Iowa county feature layer.	
Jake Caithamer	Nothing this week	1(21)

**Accomplishments from last week:**

- Drawing points on a map is working and looks awesome. Can now draw some rudimentary heat maps as well
- Reporting tool is looking better and continues to receive improvements
- Able to retrieve county data from the database

**Topics Discussed:**

- Goals for the week, including heat maps and improved database choices
- Looking to merge the heatmap and county functionality by Thursday

**Upcoming Week**

- Continuing improving on functionality. Might also do some code cleanup, like merging all of our shared JavaScript into one place
- Documentation
-