## Module 5 & 6 Transcript

These modules dove deeper into the coding behind ArcGIS with JavaScript starting with basic code and moving to a more advanced, finally we looked at how to include 3D layers to the code. After working with ArcGIS, we reviewed the basics of D3 and HighCharts. For our last topic we reviewed Esri Operations with Dashboard, specifically StoryMapping with Data Visualization including both 2D and 3D data.

Prior to these modules we had worked with all the concepts except of D3 and Highcharts which were newly introduced. D3 is defined as a “D3 is a well-known Javascript visualization library which allows the creator to bind arbitrary data to a Document Object Model (DOM), and then apply data-driven transformations to the document.”

While Highcharts is a specializes in the creation of a variety of fancy visualizations, including graphs and charts, that can be generated easily and effortlessly with little input from the creator.

Our lab included the creation of two-story maps, one utilizing 2D data and the other including a link to ArcScene with 3D attributes.

I enjoyed making the story maps, and I believe that this is an easy to demonstrate data in a way that is dynamic and more captivating than just describing your data, have a basic understanding of how to use the ArcGIS storymaps will help convey the desired information to any audience.

I work for an environmental company that provides environmental risk assessments for an area. Currently they demonstrate the end results that can be expected with a series of photos, generally in a powerpoint presentation. I think creating a data dashboard that potential clients could manipulate, and access, themselves will help make the data more tangible and allow the client to have a better understanding of what could be possible with a detailed risk assessment of the area.