

Project 10: Web Apps with the ArcGIS Map SDK for JavaScript (Up to 100 Points)

Task: Create a multipage website that contains at least one web map created using the ArcGIS Maps SDK for JavaScript.

Notes:

- ❖ This does not need to be a completely new website. You can alter a website created for a prior project.
- ❖ You will need to link to the required CDNs.
- ❖ You can use data layers saved to your ArcGIS Online account or link to a REST service.
- ❖ Make sure to review my examples and the examples from the ArcGIS Maps SDK for JavaScript website.
- ❖ This should be a complete website with multiple pages and a variety of content and HTML elements. It cannot just be a web map.

Rubric:

- ❖ All pages of the website should include a nav bar that links the pages together. (Up to 5 Points)
- ❖ The head should include the character set, website title, and author information. (Up to 5 Points)
- ❖ The website should have at least three linked pages that you created. It should contain a variety of content, not just web maps. (Up to 10 Points)
- ❖ The website must include at least one web map produced using the ArcGIS Maps SDK for JavaScript. This map should include at least three data layers, well configured pop-ups defined in the code, well configured symbology defined in the code, and at least two widgets that function as intended. (Up to 35 Points)
- ❖ The website and web map should be well styled using CSS. The page and all elements should be responsive and make use of Bootstrap. (Up to 25 Points)
- ❖ Overall quality of the website and web map. The resulting website should be professional, functional, and well configured. The site should have a clear theme and purpose and be designed with these in mind. (Up to 20 Points)

Deliverables:

- ❖ Less than one-page write up that describes the purpose of the project and all of the deliverables.
- ❖ List of references for data used.
- ❖ Entire website directory in a compressed folder. This should include any needed files and the HTML. Make sure to link to the required CDNs or include the source code in your directory.