

Stroubles Creek Web Tour

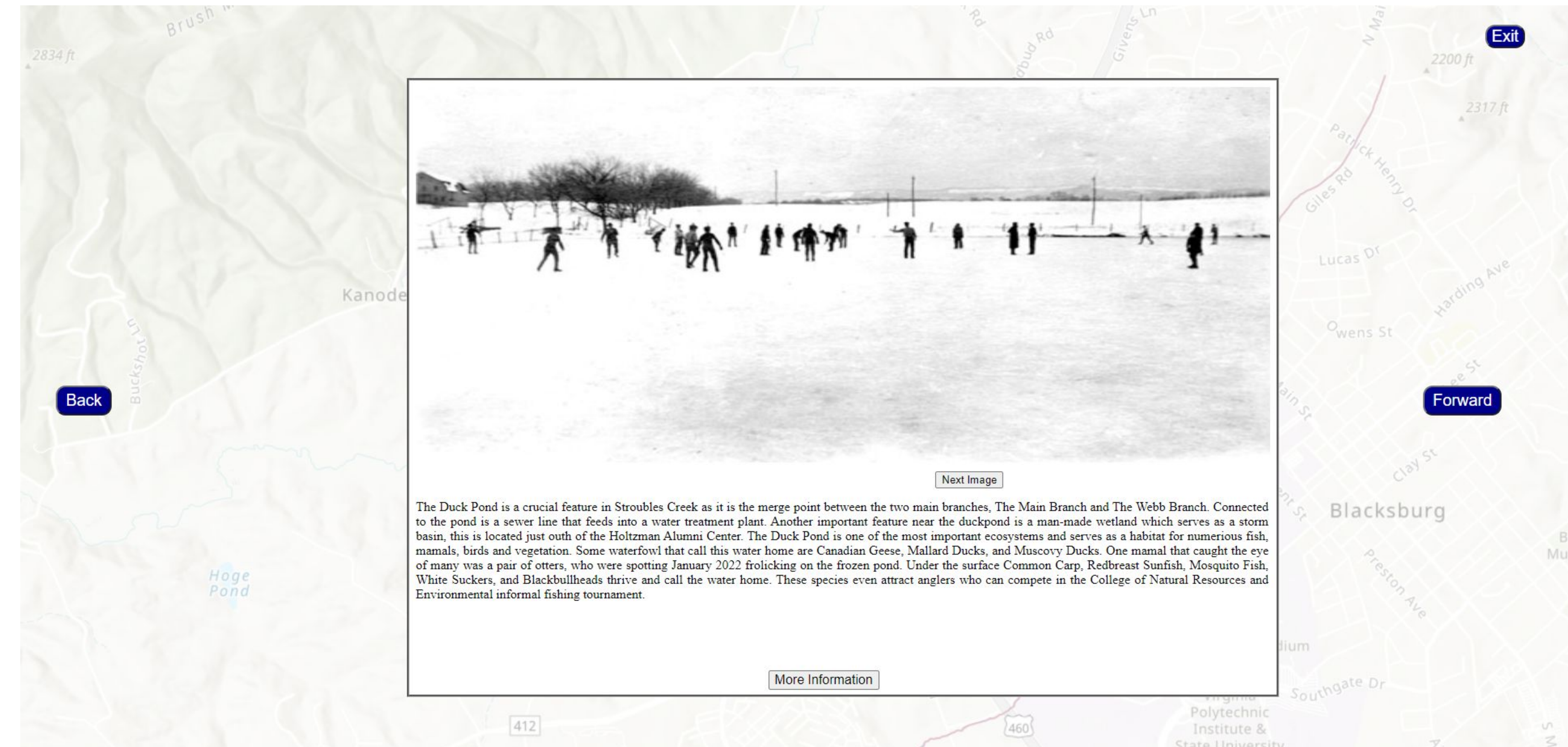
Camille Blaine, Katrina Kosmides, Jacob Neigh, and Matt Zambetti, Virginia Tech

Approach

- Stroubles Creek located in Blacksburg, VA
- Goal - improve and build on previously created Stroubles Creek Web Tours
- Purpose - educational and interactive
- Audience - Stroubles Creek enthusiasts, K-12
- Focused on 4 popular Virginia SOL's
 - Environment
 - History
 - Wildlife
 - Watershed



Prototype



Home Page

- Map of Blacksburg
- Stroubles Creek highlighted in red
- 8 locations pinned on map

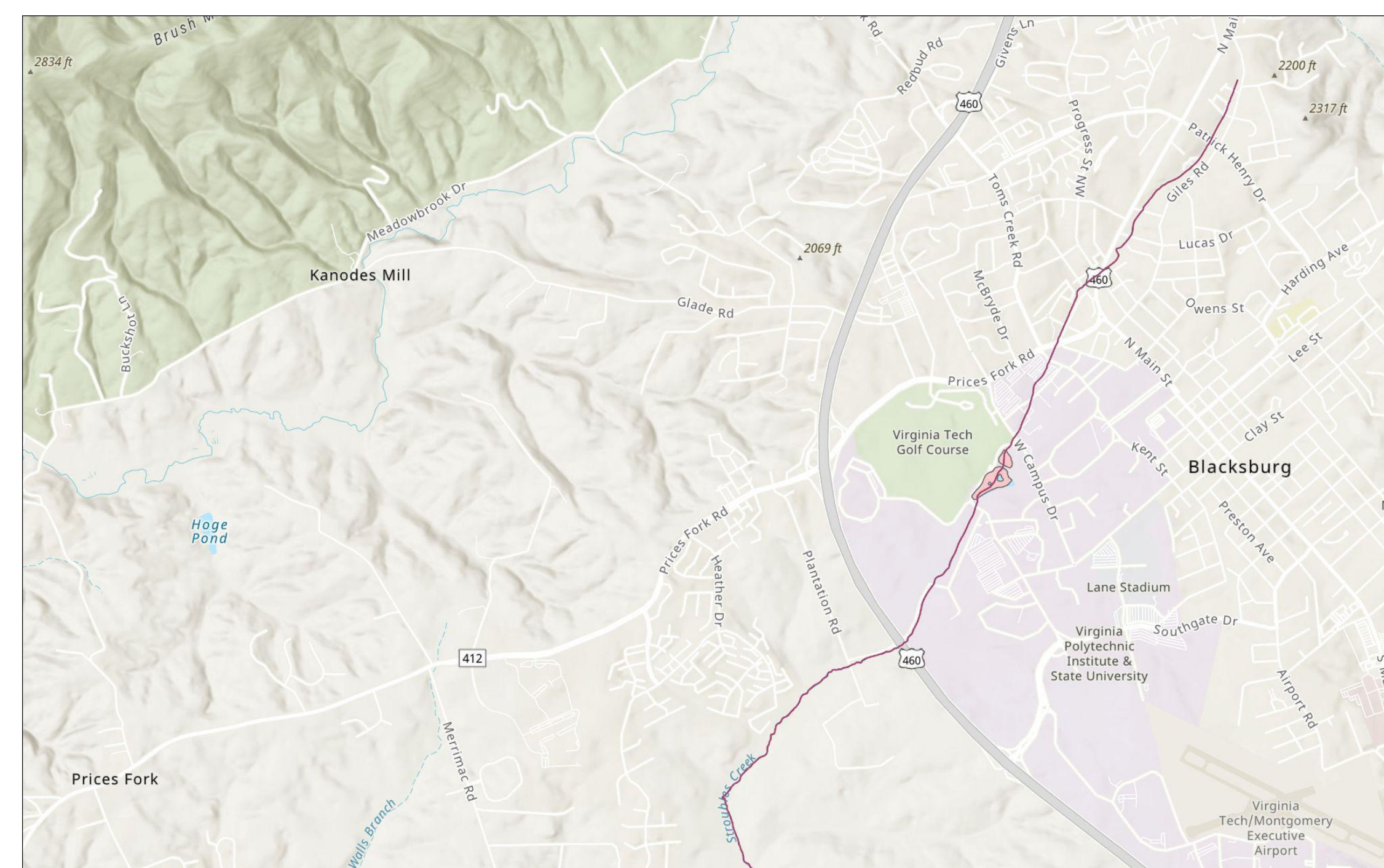
Individual Site Pages

- Photographs to highlight key parts
- Text based summary of information
- External links for more information

Tools We Used

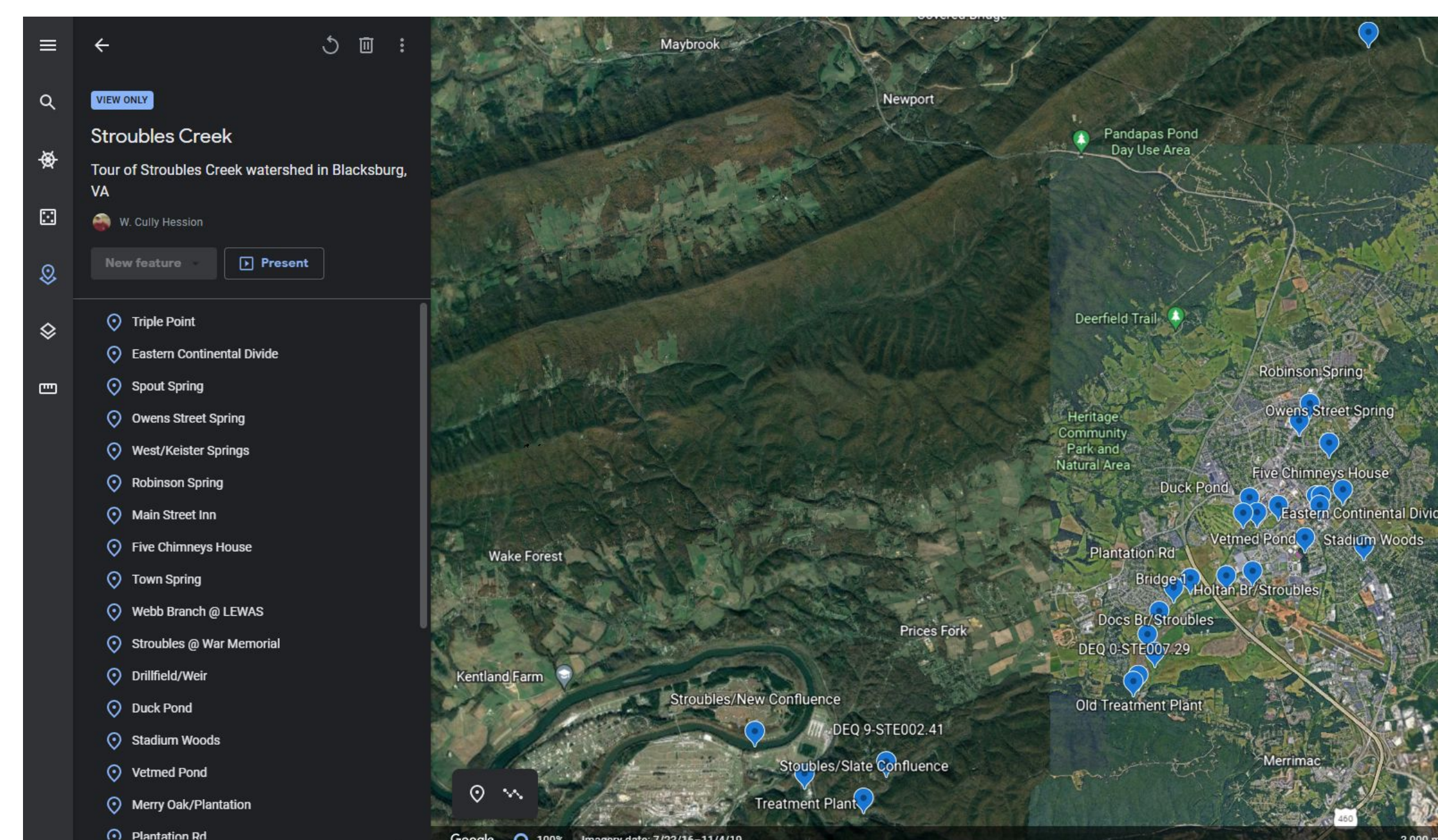
Development Tools

- React
- JavaScript/HTML/CSS
- ESRI



Research Tools

- Reviewed previous presentations and published articles
- Interviewed potential users



Conclusions

- Finding a balance between SOLs
- Images and interactive buttons keep users engaged
- A good way to present a lot of information is to distribute it amongst many areas
- Selecting locations for the tour depends on what you want to highlight
- Future goals include more locations, data visualization, and photospheres

