

Topic Nr. 1:

Here, my general idea is to create a framework for user-specific national park maps. I would start with an analysis of the needs of the different groups of people and develop some test designs. Afterward, there would be a user study with those designs. The end product would be a framework for map design (such as which elements the user groups definitely need/want; which elements are not really necessary; etc.) and online maps (as they would be more useful in this case than static maps) of the two national parks stated in the title where the layers for the different groups can be toggled on and off.

Topic Nr. 2:

For this topic my general idea is to explore 'cinemaps' as a sort of different way to use maps in combination with motion pictures. For this I would start with research about the process of creating a map like that, which would be done via expert interviews. I have already found one person who I could contact - Andrew DeGraff, but I would want to ask at least one more person, who makes those maps in a different way maybe. After that I would conduct a quantitative user study to find out how cinemaps can aid the understanding of movie universes (such as the Marvel or DC cinematic universes). The final step would be creating one or more cinemaps for a 'cinematic universe' to make it more palpable and easier to follow.