

Max Winn is a second year Master student studying GIS and Remote Sensing in the Department of Geology. He received his B.S. in Geographic Science from James Madison University in 2017. As a Graduate Research Student, he is studying the impacts that an underground coal mine had to a section of interstate-70 that was undermined. He utilizes various survey datasets and geographic information systems to analyze ground movements and surface subsidence and is correlating those movements to the damages that were observed on the road. His goal is to identify when specific damages should be expected during an undermining event. His hope is that this information will provide a better understanding on how to prepare for future undermining events and what mitigation techniques can be used to reduce repair costs.

