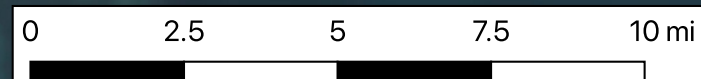
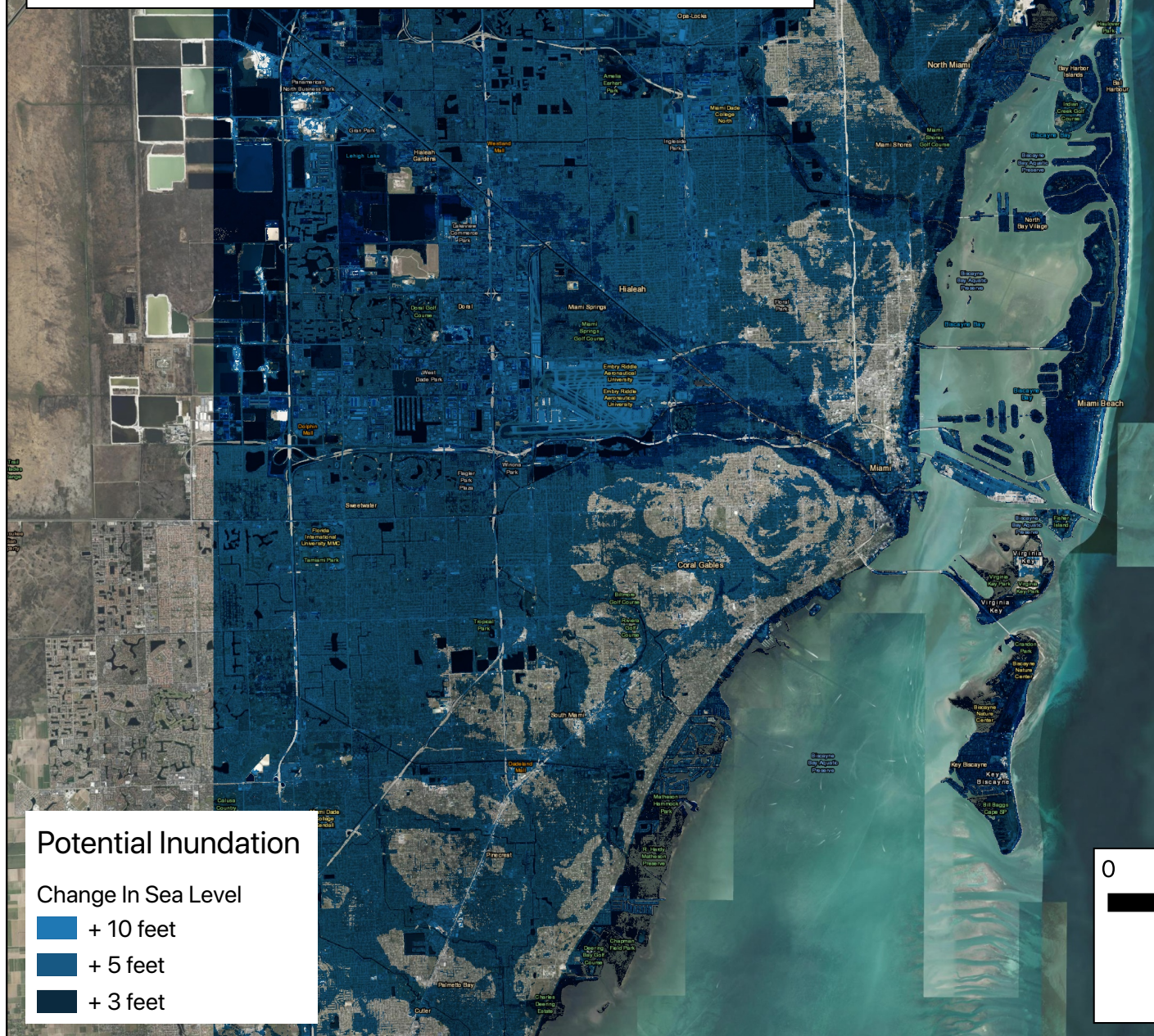


Potential Inundation : Sea Level Rise Miami, Florida and Environs



Map scale 1 : 200,000
Data Sources : NOAA NCEI (elevation), ESRI

Unit 5 Assignment Writing

People are now living in global warming. Every year the earth is getting higher in sea level. According to NOAA CLIMATE, the global average sea level in 2019 was 3.4 inches(0.2ft) higher than the 1993 average, the highest among satellite records in 1993 to current. From 2018 to 2019, global sea levels rose by 0.24 inches(0.02ft).

While looking at this task, I first thought about which place is the most dangerous from sea level in the United States. So, the first place I found was Miami, Florida. When I surveyed the sea level in Miami, the most significant thing was that it was not dangerous to some extent, but the whole city would disappear after a certain level. In my map, few parts sink from 3 or 5 feet of sea-level rise. However, more than 80 percent of Miami's land will be sink when it reaches 10 feet. According to the Miami-Dade, Miami expects 2 feet rise in sea levels by 2060. From this point on, Miami believes that it is time to prepare for rising sea levels. According to the IPCC, If the Miami government don't take precautions against rising sea levels, Miami will face significant risks from these coastal disasters, whether urban or rural, continental, or island, regardless of their development level.

In my opinion, people should first be aware of this rise in sea levels because all the ways to fix sea level rise take a long time. According to First Street Foundation, cities and residents must maintain an active posture because the critical thing to remember about all these solutions is that it takes time to implement them. In the sea-level rise map, I learned a lot about the causes and effects of sea-level rise, and I thought our perception was essential to reduce the primary reason.

Work cites

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