

Kristin Kettenhofen

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Project Summary

For my final project I have mapped out the three forks of the American River along with the emergency egress points and trails for each fork. One map consists of the South Fork of the American River and the other includes the Middle and North Forks. The purpose of my two maps are to show an up-to-date representation of the rivers and the emergency egress trails. The current maps that are available are outdated which makes them less reliable. Prior to covid-19 shutting down the country, I was going to hike some of the emergency egress trails to collect data such as: trail condition, public vs private property, accuracy of current maps, as well as getting an exact trail marked out. I substituted hiking for marking the trails on Google Earth and converting the KMZ files into usable shapefiles through a series of functions in ARC Pro. Once I got all of my data onto my map I then analyzed how many miles of emergency egress trails there are.