



# DRAFT

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## Flood GIS Activity Instructions

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**How are flood maps created and what areas in our community have the most risk?**

Watch [The 100 Year Flood Is Not What You Think It is \(Maybe\)](#), a video that explains what the 100 year floodplain is. **STOP the video at 3:22.**

Work in your team to identify the infrastructure (commercial buildings, homes, bridges, roads, etc.) using the USA Flood Hazard Area dataset.

1. Using the flood layer in [ArcGIS](#), screenshot the area in your community that has (in your opinion) the greatest potential for flood damage.
2. Rank the top 3 most flood-prone streets or neighborhoods in your community.
3. What type of flood scenario is unmapped but could occur in any small stream and or dry channel?

