



# Natural Disaster Risk Assessment



Tammy Glazer + James Jensen

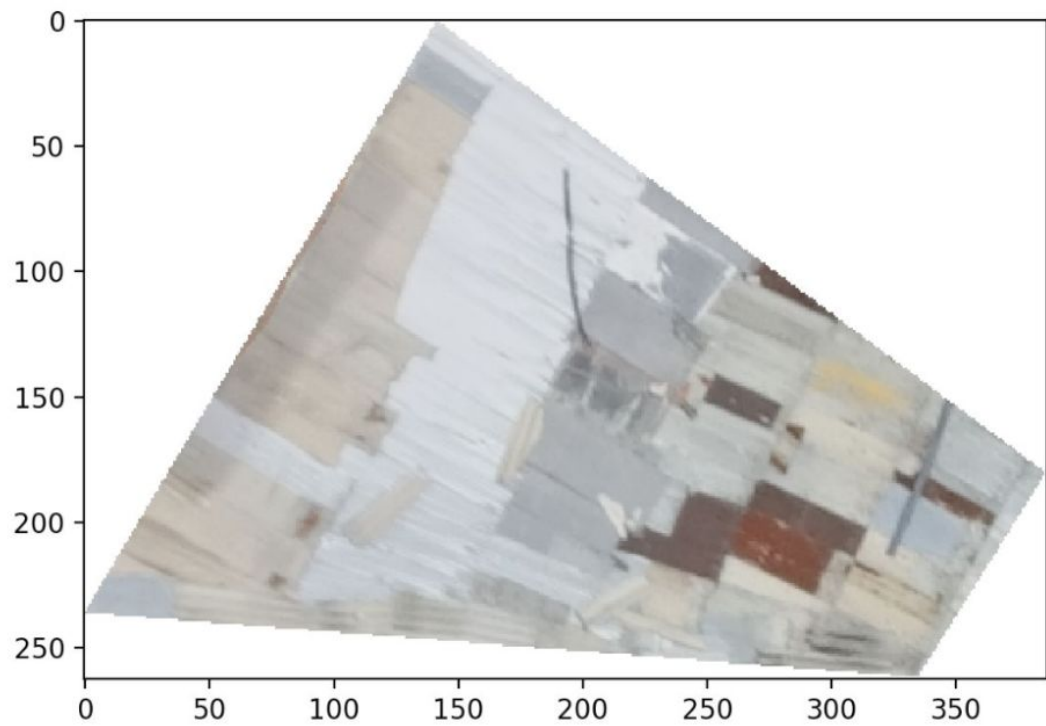
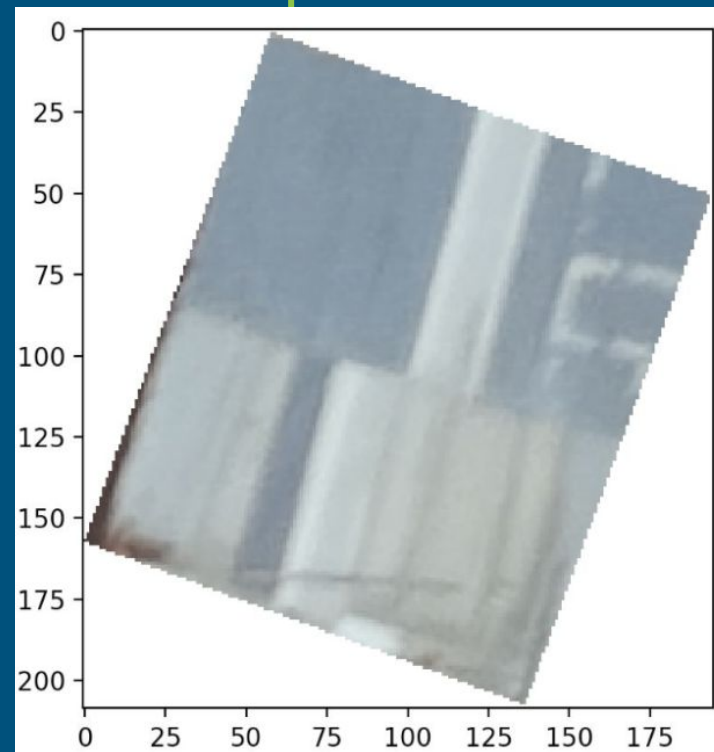


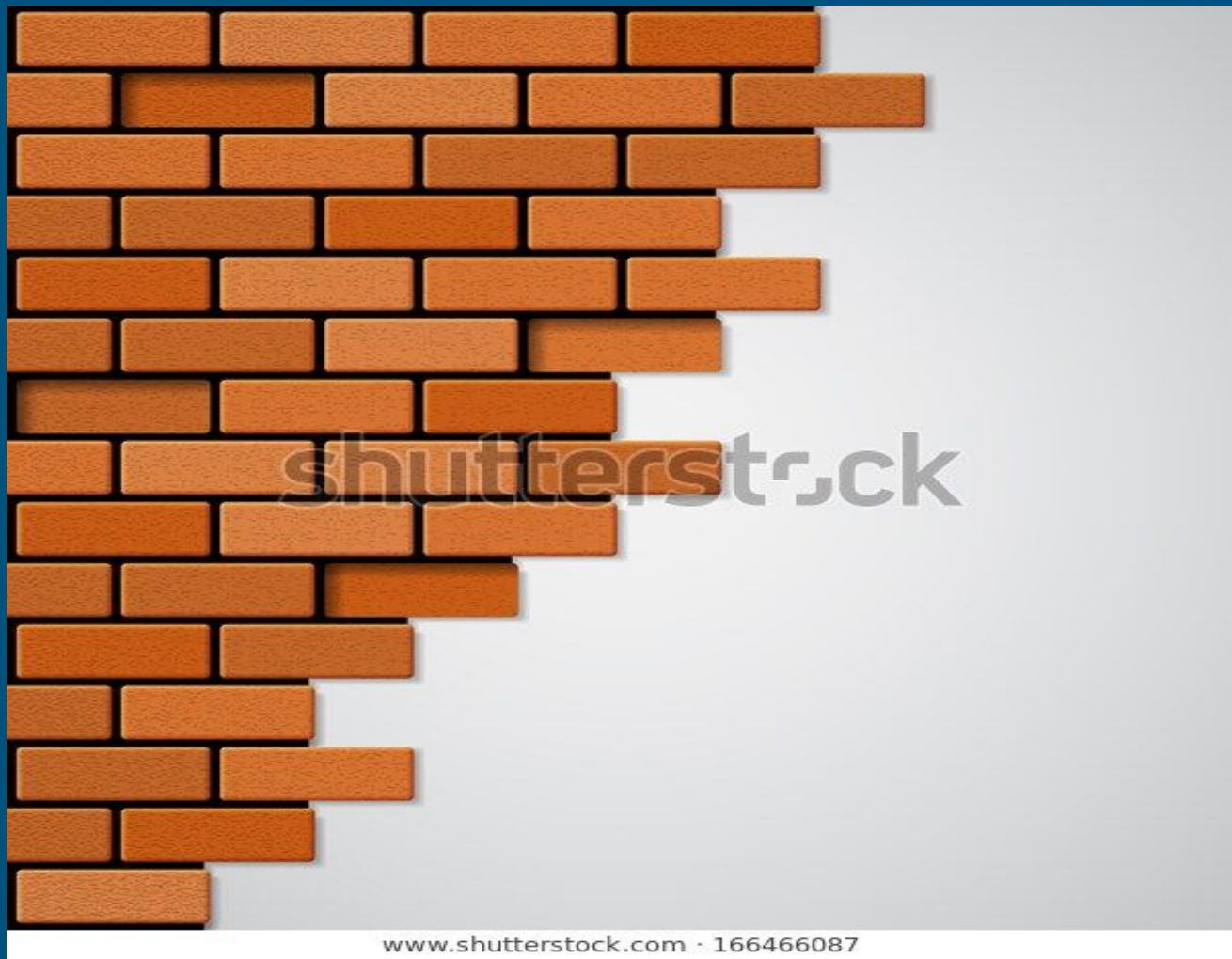
# Overview

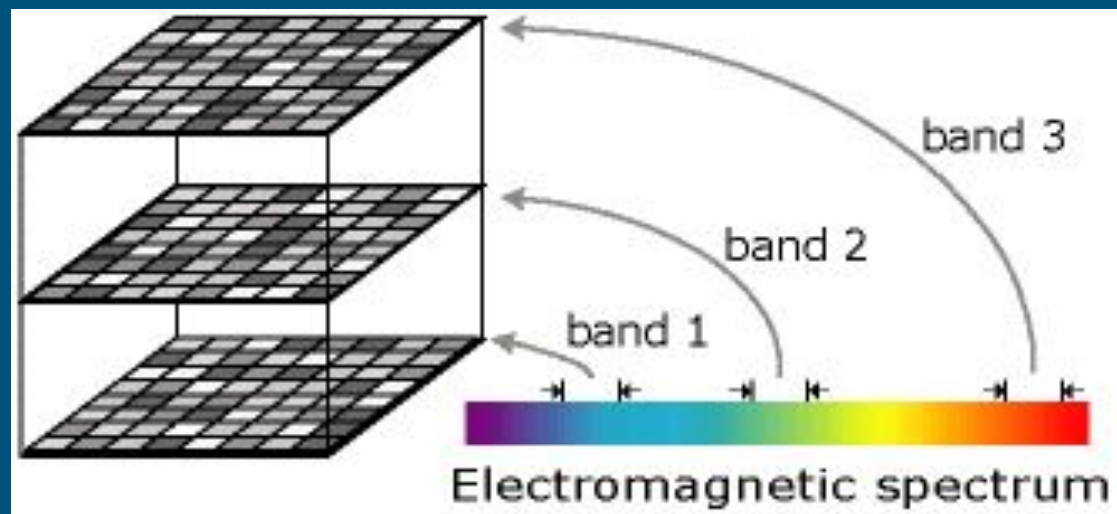
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1. Goal (Unsupervised vs. Supervised)
2. Data (TIF + Raster)
3. Current Results
4. Next Steps

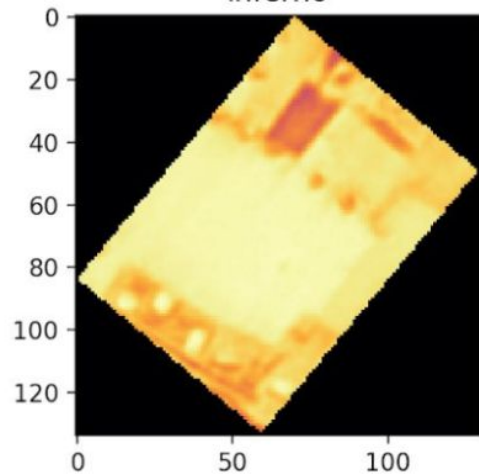




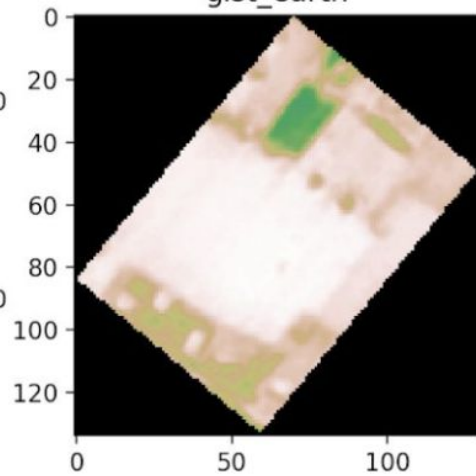




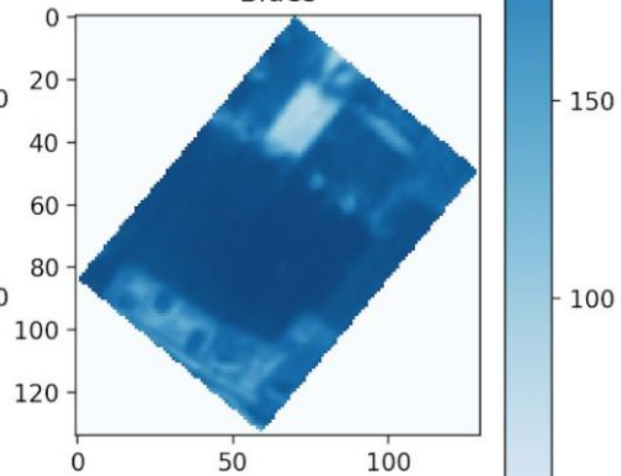
inferno

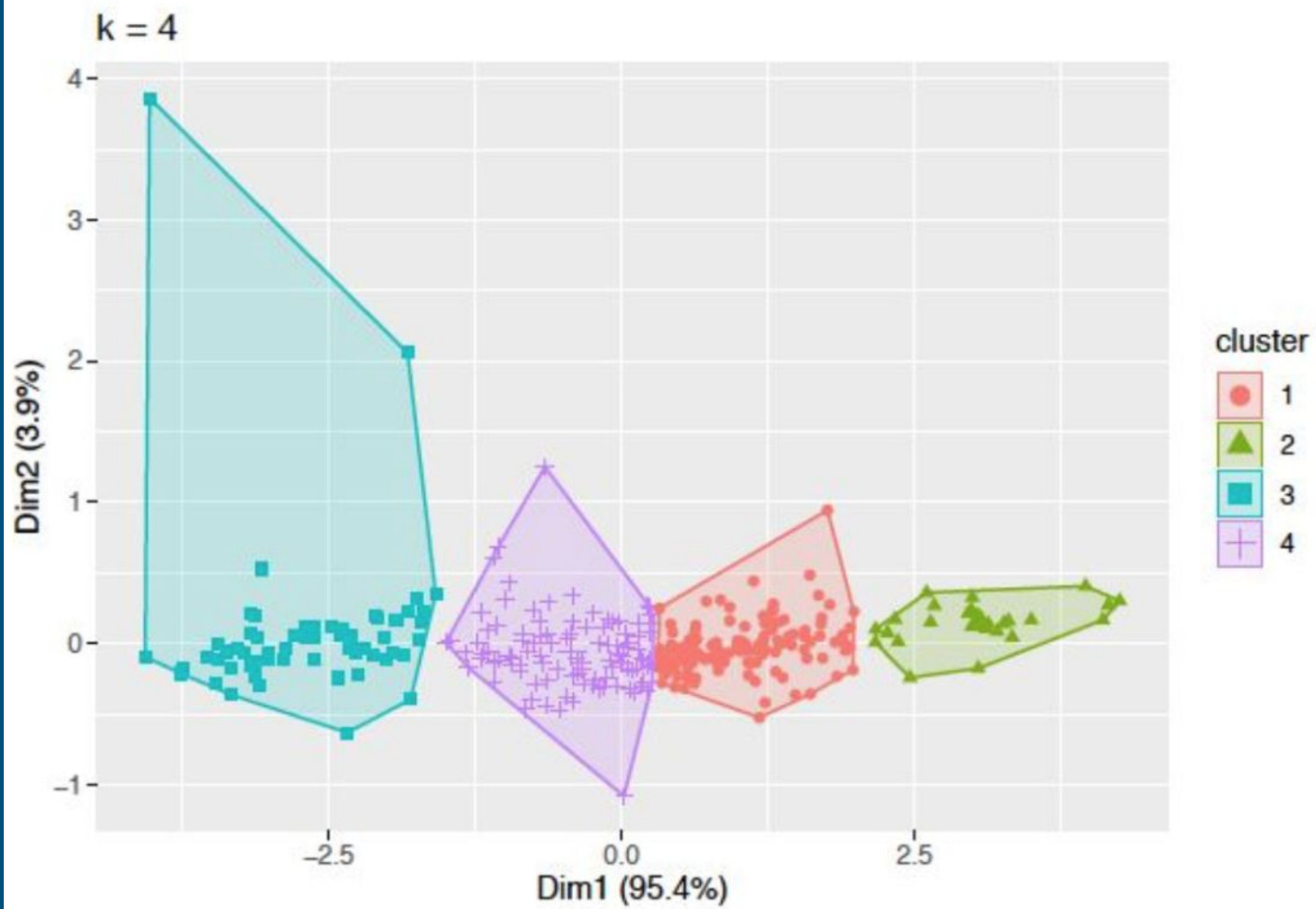


gist\_earth

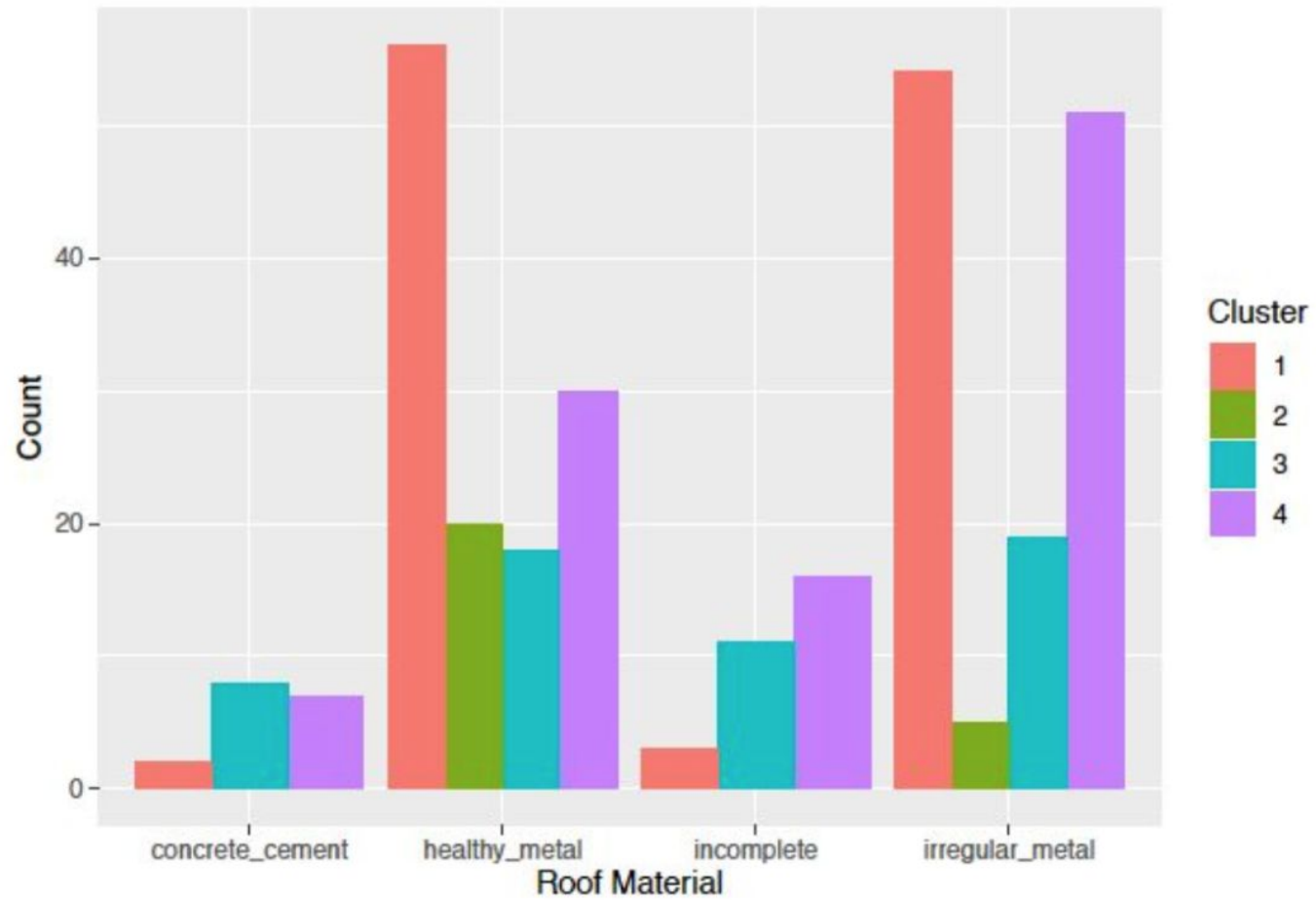


Blues







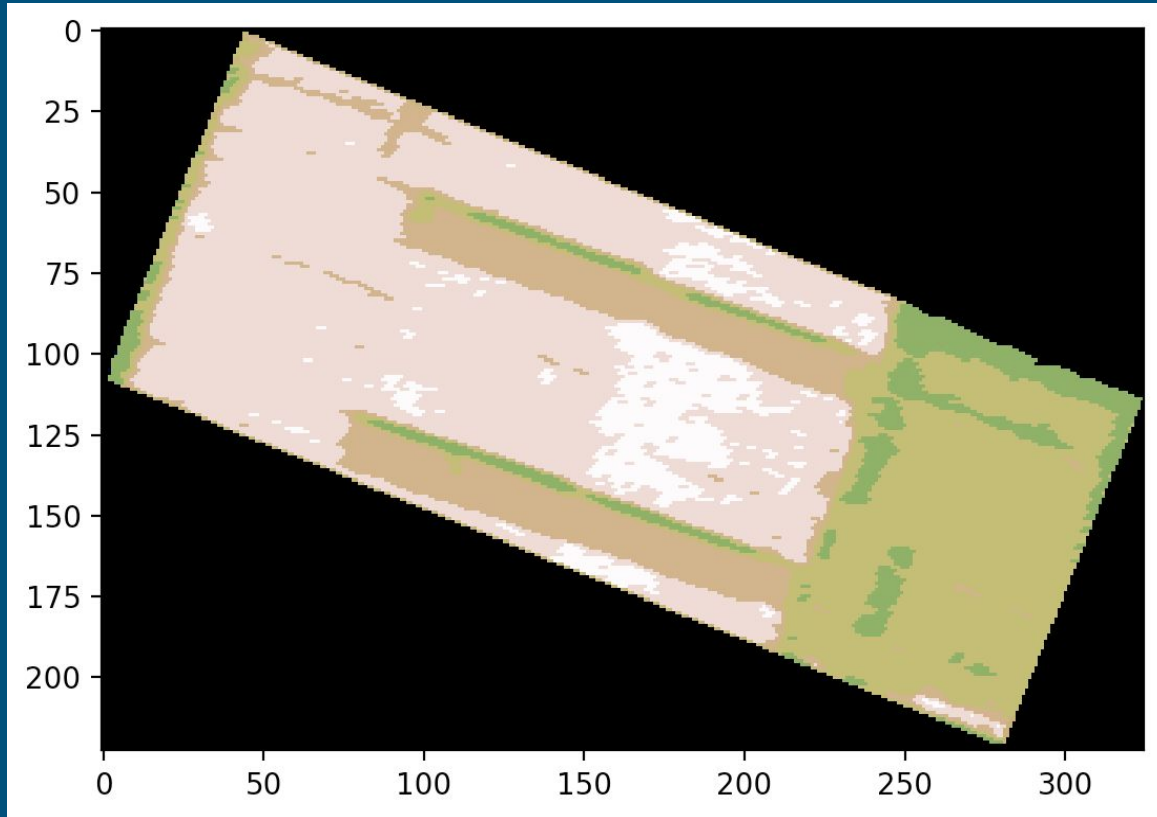


# Next Steps

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1. Additional Data Processing (Image Patching / Rejection Sampling / 64x64 pixel image)
2. Random Fourier Features
3. Internal Validation

# Color Quantization via K-Means Clustering



# 2D Discrete Fourier Transform

