

Hannah Julius and **Elizabeth Wu**'s capstone project for CSCI1290 (Computational Photography)

Synthetic Fog

Abstract

Our project implements a paper which generates synthetic fog into captured photographs. We use illumination and geometry estimation in order to capture the light, depth, and visibility information in the image, which enables us to create a final foggy looking output version of the input photograph.

Relevant Photos/Diagrams (Screenshots from our actual paper)

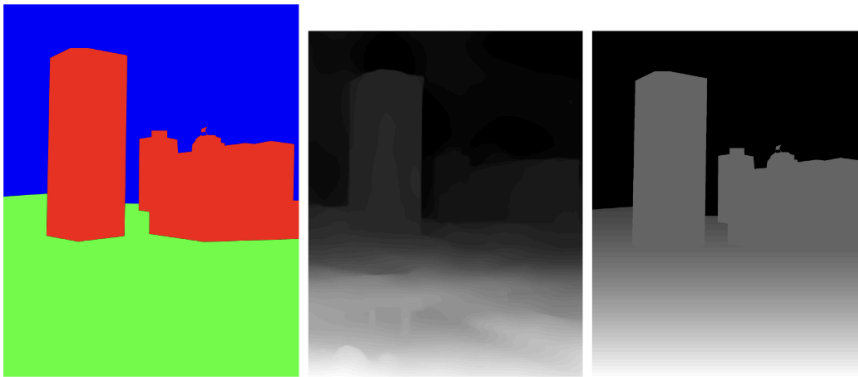


Figure 1. Left - Classification Map Via Photoshop Middle - Midas, Right - Classification

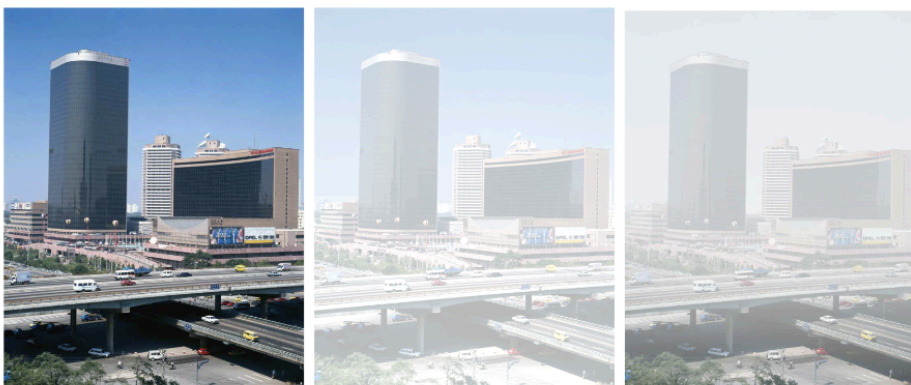


Figure 7. Result 2: original image - our output - paper's output